

# IQSIGHT

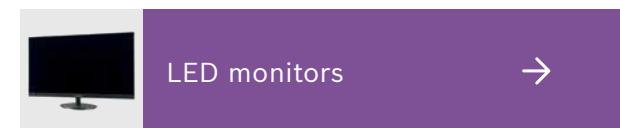
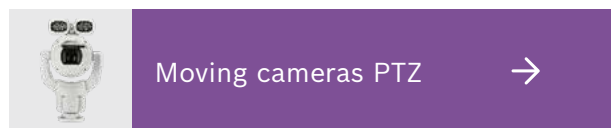
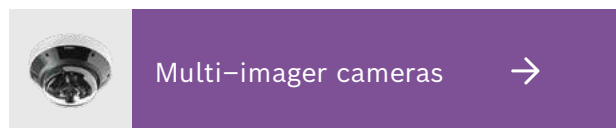
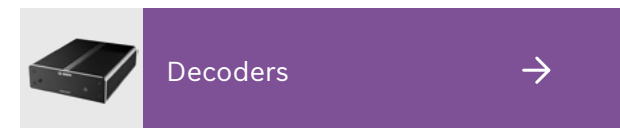
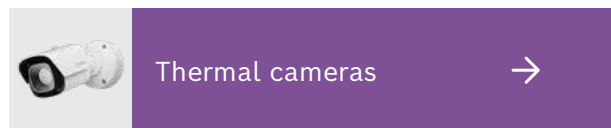
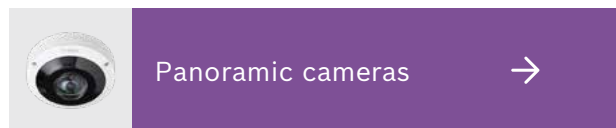
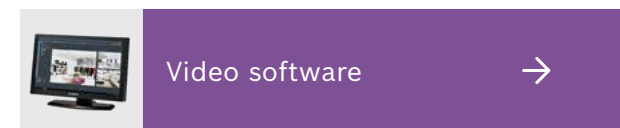
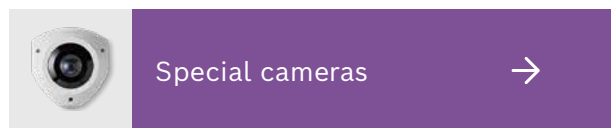
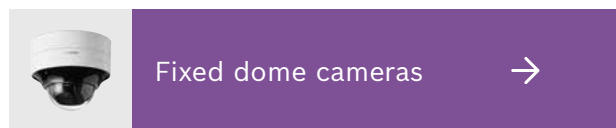
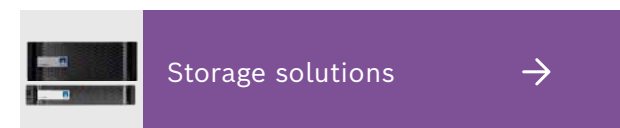
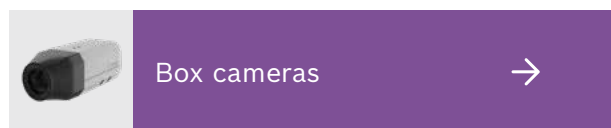
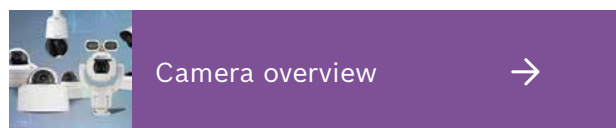
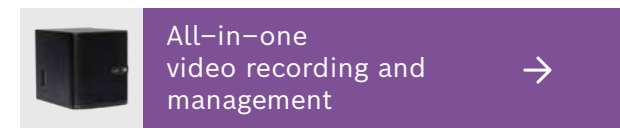
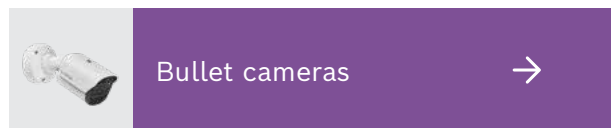
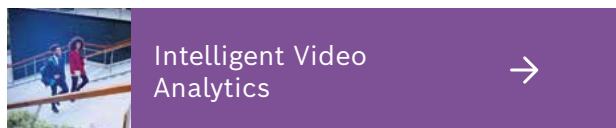
VISUAL INTELLIGENCE FOR A WORLD UNINTERRUPTED \»\

**VIDEO PRODUCT OVERVIEW GUIDE**

MARCH 2026

Formerly Bosch Video Systems

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# INTELLIGENT VIDEO ANALYTICS

IQSIGHT turns video into real-time understanding. Our expanding suite of AI-powered analytics detects, classifies, and analyzes activity to help organizations identify risks, improve safety, and keep operations running smoothly.

GenAI-powered IVA Pro Context adds reasoning and context, transforming simple prompts into customized monitoring instructions. Flexible deployment options – edge, cloud, or hybrid – combine real-time detection with deeper insight so teams can move from detection to understanding, and from insight to action.

## IVA Pro Buildings



- Reliable intrusion detection in busy scenes.
- Detect, classify, and count people and vehicles.

## IVA Pro Perimeter



- Robust performance in challenging environmental and lighting conditions.
- Detect intruders early and reliably at long-distance.

## IVA Pro Intelligent Tracking



- Detect, classify and track with precise detail, even while the camera is moving, and the object is standing still.

## IVA Pro Visual Gun Detection



- Designed to detect people brandishing guns and promptly alert personnel

## IVA Pro Personal Protective Equipment



- Reliably detect personal protective equipment items on a specific person and promptly alert when missing.

## IVA Pro Appearance



- Analyze (identify and collect) physical attributes, such as clothing items, hair color and length, etc.

## IVA Pro Privacy



- A semi-transparent privacy mask ensures anonymization while still getting insights about moving objects in the area.

## IVA Pro Context



- Adds GenAI-powered reasoning and context, transforming simple prompts into customized monitoring instructions.

### IVA Pro Traffic



- Detects, classifies, and locates cars, motorcycles, bicycles, trucks, and buses in heavy traffic, day or night with high accuracy in challenging situations.
- Pedestrian and bicycle detection – to enable safety solutions for vulnerable road users.

### IVA Pro License Plate Recognition



- Identifies, analyzes and extracts the metadata from vehicle license plates.

### IVA Pro Tunnel



- Detects dropped objects, loss of visibility, slow or stationary vehicles, wrong-way drivers, and pedestrians in real time.

### IVA Pro Vehicle Make Model



- Detects and identifies the class, make and model of moving vehicles and their direction.

### IVA Pro Dangerous Goods Sign

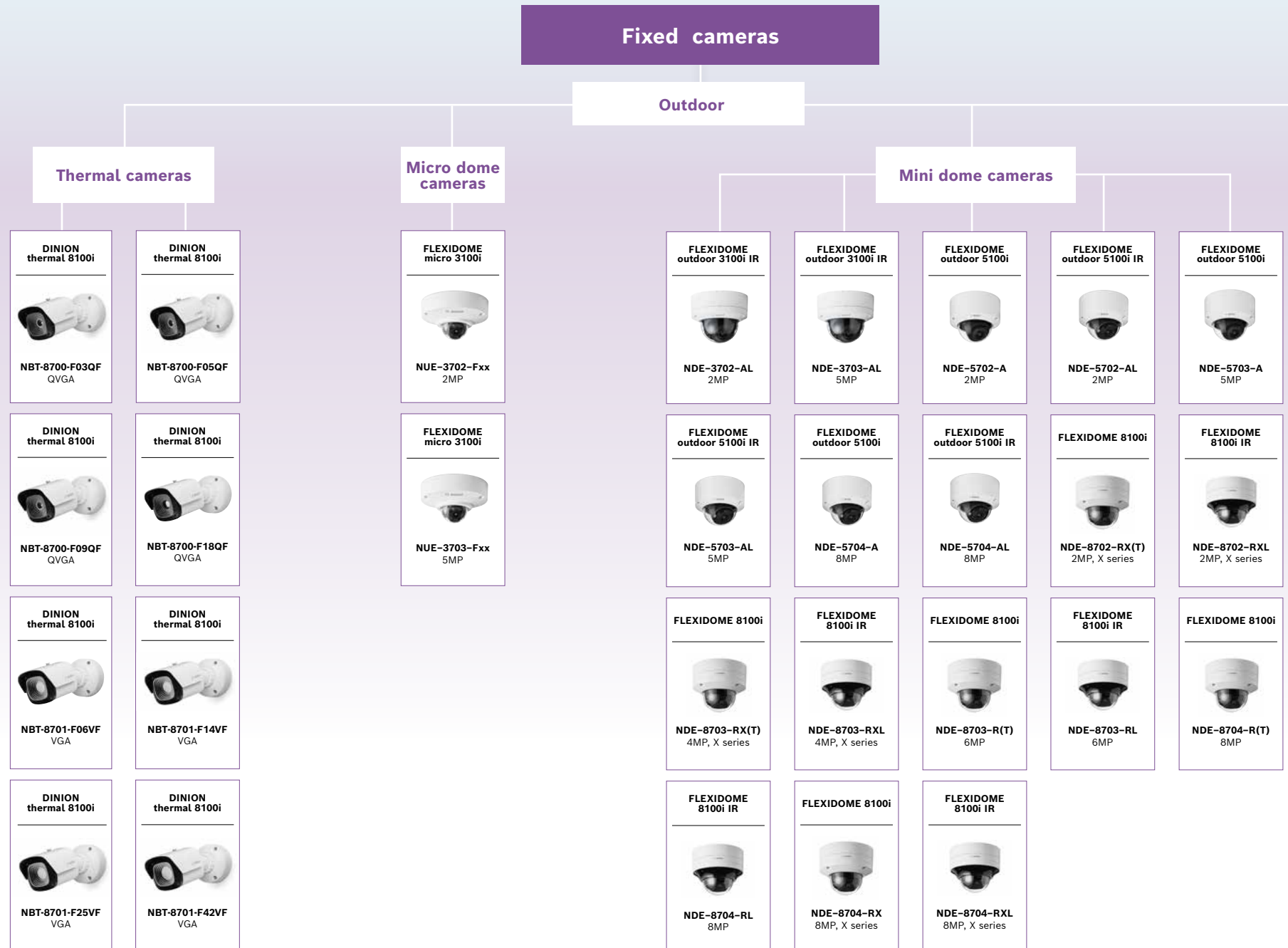


- Detects and recognizes the content of dangerous good signs (ADR) on moving vehicles (car, van, truck) at 95%+ accuracy levels.

### IVA Pro LPR / Vehicle Make Model / Dangerous Goods Signs



- Detailed vehicle data is crucial for traffic analysis, parking management, or fleet operations.
- By combining License Plate Recognition and Vehicle Make and Model, operators can gather richer data, such as the type of vehicles visiting a facility, patterns in vehicle types and their frequency, or specific brand distributions.



## Fixed cameras

### Outdoor

#### Bullet cameras

**DINION  
3100i IR**



**NBE-3702-AL**  
2MP

**DINION  
3100i IR**



**NBE-3703-AL**  
5MP

**DINION  
5100i IR**



**NBE-5702-AL**  
2MP

**DINION  
5100i IR**



**NBE-5703-AL**  
5MP

**DINION  
5100i IR**



**NBE-5704-AL**  
8MP

**DINION  
7100i IR**



**NBE-7702-ALX**  
2MP

**DINION  
7100i IR**



**NBE-7703-ALX**  
4MP

**DINION  
7100i IR**



**NBE-7703-ALXT**  
4MP

**DINION  
7100i IR**



**NBE-7704-AL**  
8MP

**DINION  
7100i IR**



**NBE-7704-ALT**  
8MP

**DINION  
7100i IR**



**NBE-7704-ALX**  
8MP

#### Panoramic cameras

**FLEXIDOME  
panoramic  
5100i IR**



**NDS-5703-F360LE**  
6MP

**FLEXIDOME  
panoramic  
5100i IR**



**NDS-5704-F360LE**  
12MP

#### Multi-imager cameras

**FLEXIDOME  
dual 7000i**



**NDD-7802-AL**  
2x 3MP

**FLEXIDOME  
dual 7000i**



**NDD-7803-AL**  
2x 5MP

**FLEXIDOME  
multi 7000i**



**NDM-7702-A**  
4x 3MP

**FLEXIDOME  
multi 7000i**



**NDM-7703-A**  
4x 5MP

**FLEXIDOME  
multi 7000i IR**

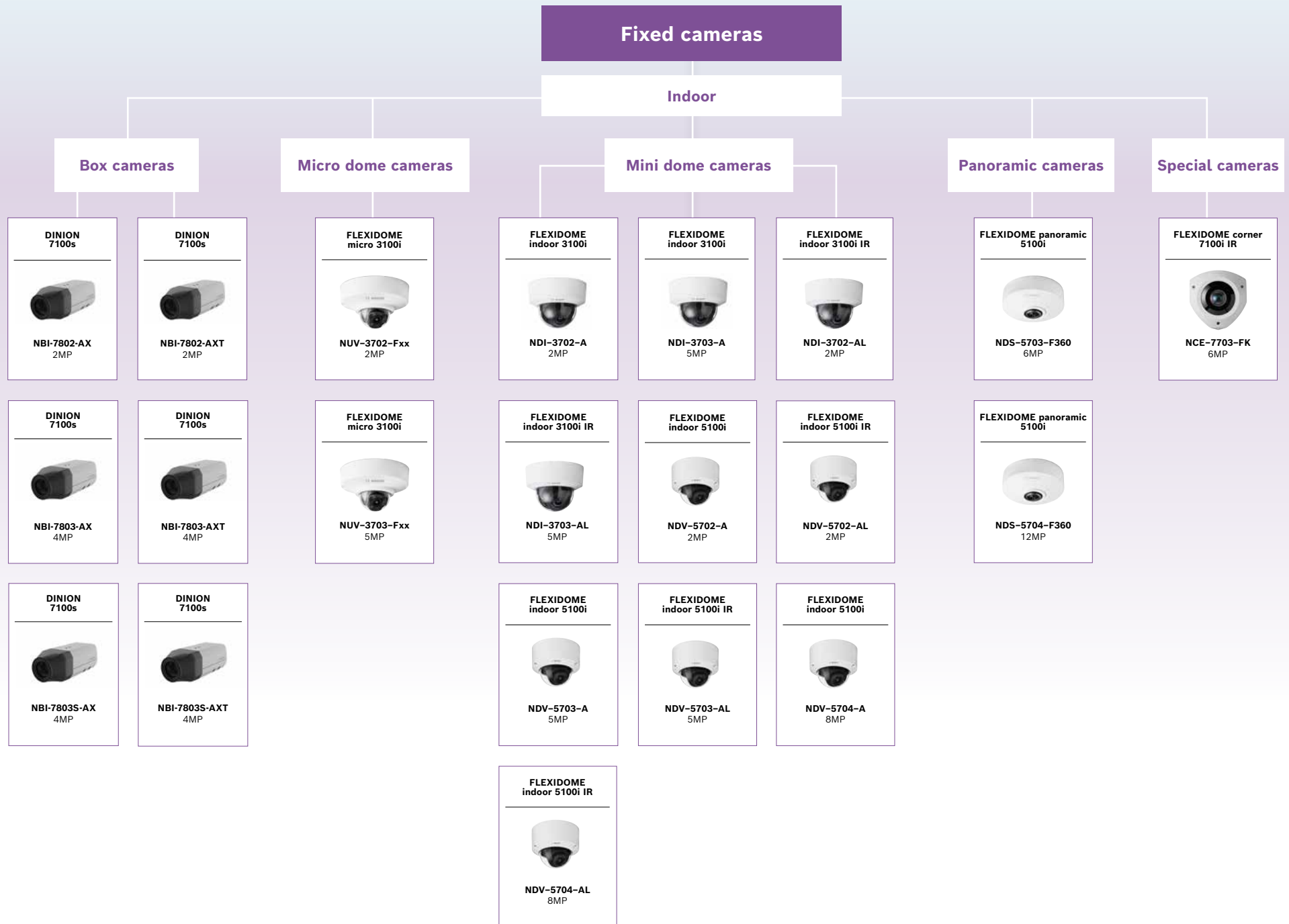


**NDM-7702-AL**  
4x 3MP

**FLEXIDOME  
multi 7000i IR**



**NDM-7703-AL**  
4x 5MP



## Moving cameras

### Indoor

**AUTODOME  
IP starlight 5000i**



**NDP-5522-Z30C**  
in-ceiling, 2MP,  
30x zoom

### Outdoor

**AUTODOME  
IP starlight 5000i**



**NDP-5522-Z30**  
2MP, 30x zoom

**AUTODOME  
IP starlight 5000i IR**



**NDP-5522-Z30L**  
2MP, 30x zoom

**AUTODOME IP starlight  
5100i IR**



**NDP-5533-Z30L**  
4MP, 30x zoom

**AUTODOME  
7100i**



**NDP-7802-Z40**  
2MP, 40x zoom

**AUTODOME  
7100i IR**



**NDP-7802-Z40L**  
2MP, 40x zoom

**AUTODOME  
7100i IR**



**NDP-7804-Z12L**  
8MP, 12x zoom

### Extreme outdoor

**MIC  
IP starlight 7100i**



**MIC-7522-Z30x**  
2MP, 30x zoom,  
Intelligent Video  
Analytics

**MIC  
IP ultra 7100i**



**MIC-7505-Z12xR**  
8MP, 12x zoom,  
Intelligent Video  
Analytics

**MIC  
IP fusion 9000i**



**MIC-9502-Z30xxx**  
2MP, 30x zoom,  
Intelligent Video  
Analytics

**MIC inteox  
7100i**



**MIC-7602-Z30x**  
2MP, 30x zoom,  
Intelligent Video  
Analytics Pro

**MIC inteox  
7100i**



**MIC-7602-Z30xx**  
2MP, 30x zoom,  
Intelligent Video  
Analytics Pro

**MIC inteox  
7100i**



**MIC-7604-Z12xx**  
8MP, 12x zoom,  
Intelligent Video  
Analytics Pro

## Fixed dome cameras

### ►FLEXIDOME micro 3100i indoor



2MP  
Indoor



5MP  
Indoor

### ►FLEXIDOME micro 3100i outdoor



2MP  
Outdoor



5MP  
Indoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                                                                                          | NUV-3702-Fxx                               | NUV-3703-Fxx                               | NUE-3702-Fxx                               | NUE-3703-Fxx                               |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                                                                                          | ■                                          | ■                                          | ■                                          | ■                                          |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                                                                                          | –                                          | –                                          | –                                          | –                                          |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                                                                                            | –                                          | –                                          | –                                          | –                                          |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                                                                               | –                                          | –                                          | –                                          | –                                          |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                                                                                         | –                                          | –                                          | –                                          | –                                          |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                                                                                      | –                                          | –                                          | –                                          | –                                          |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro License Plate + Make Model (MVC-IVA-LPRX), IVA Pro Dangerous Good Signs (MVC-IVA-DGS) | –                                          | –                                          | –                                          | –                                          |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                                                                                            | –                                          | –                                          | –                                          | –                                          |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                                                                                | –                                          | –                                          | –                                          | –                                          |
| Basic features                        | Maximum resolution                                                                                                                                                                       | 2MP                                        | 5MP                                        | 2MP                                        | 5MP                                        |
|                                       | Image sensor type                                                                                                                                                                        | 1/2.8"                                     | 1/2.7"                                     | 1/2.8"                                     | 1/2.7"                                     |
|                                       | Max. frames per second (fps)                                                                                                                                                             | 30fps                                      | 30fps                                      | 30fps                                      | 30fps                                      |
|                                       | High Dynamic Range (HDR)                                                                                                                                                                 | 120dB                                      | 120dB                                      | 120dB                                      | 120dB                                      |
|                                       | ONVIF conformant                                                                                                                                                                         | ■                                          | ■                                          | ■                                          | ■                                          |
| Advanced features                     | Built-in microphone                                                                                                                                                                      | –                                          | –                                          | –                                          | –                                          |
|                                       | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                                                                                | –                                          | –                                          | –                                          | –                                          |
|                                       | Privacy masking                                                                                                                                                                          | ■                                          | ■                                          | ■                                          | ■                                          |
|                                       | Upright video mode                                                                                                                                                                       | ■                                          | ■                                          | ■                                          | ■                                          |
| Bitrate management                    | Electronic Image Stabilization (EIS)                                                                                                                                                     | –                                          | –                                          | –                                          | –                                          |
|                                       | Intelligent streaming                                                                                                                                                                    | ■                                          | ■                                          | ■                                          | ■                                          |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                                                                                      | ■                                          | ■                                          | ■                                          | ■                                          |
|                                       | Multi streaming                                                                                                                                                                          | 3 streams                                  | 3 streams                                  | 3 streams                                  | 3 streams                                  |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                                                                                    | 0.1 lux                                    | 0.15 lux                                   | 0.1 lux                                    | 0.15 lux                                   |
|                                       | Minimum illumination night mode (black / white)                                                                                                                                          | –                                          | –                                          | –                                          | –                                          |
|                                       | Max. IR range                                                                                                                                                                            | –                                          | –                                          | –                                          | –                                          |
| Lens                                  | Automatic varifocal                                                                                                                                                                      | –                                          | –                                          | –                                          | –                                          |
|                                       | Focal length                                                                                                                                                                             | 2.49 mm (F02) / 3.2 mm (F04) / 6 mm ((F06) | 2.49 mm (F02) / 3.2 mm (F04) / 6 mm ((F06) | 2.49 mm (F02) / 3.2 mm (F04) / 6 mm ((F06) | 2.49 mm (F02) / 3.2 mm (F04) / 6 mm ((F06) |
|                                       | Horizontal Field of View (HFOV)                                                                                                                                                          | 137° / 106° / 58.5°                        | 131.2° / 100.8° / 56.1°                    | 137° / 106° / 58.5°                        | 131.2° / 100.8° / 56.1°                    |
| Storage                               | Industrial SD card support with health monitoring                                                                                                                                        | ■                                          | ■                                          | ■                                          | ■                                          |
| Connections                           | Alarm input / output                                                                                                                                                                     | –                                          | –                                          | –                                          | –                                          |
|                                       | Audio in / out                                                                                                                                                                           | –                                          | –                                          | –                                          | –                                          |
|                                       | Hybrid / public view monitor                                                                                                                                                             | –                                          | –                                          | –                                          | –                                          |
| Housing                               | Weather rating                                                                                                                                                                           | –                                          | –                                          | IP66                                       | IP66                                       |
|                                       | Vandal resistant                                                                                                                                                                         | IK08                                       | IK08                                       | IK10                                       | IK10                                       |
|                                       | Operating temperature                                                                                                                                                                    | 0 to 40°C (32 to 104° F)                   | 0 to 40°C (32 to 104° F)                   | -30 to 50°C (-22 to 122° F)                | -30 to 50°C (-22 to 122° F)                |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                                                                                      | PoE                                        | PoE                                        | PoE                                        | PoE                                        |
| Accessories                           | Modular mount compatible                                                                                                                                                                 | ■                                          | ■                                          | ■                                          | ■                                          |

## Fixed dome cameras

### ► FLEXIDOME indoor 3100i (IR)



2MP



5MP



2MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                                       | NDI-3702-A               | NDI-3702-A-IO            | NDI-3703-A               |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                                       | ■                        | ■                        | ■                        |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                                       | –                        | –                        | –                        |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                                         | –                        | –                        | –                        |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                            | –                        | –                        | –                        |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                                      | –                        | –                        | –                        |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                                   | –                        | –                        | –                        |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS) | –                        | –                        | –                        |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                                         | –                        | –                        | –                        |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                             | –                        | –                        | –                        |
| Basic features                        | Maximum resolution                                                                                                                    | 2MP                      | 2MP                      | 5MP                      |
|                                       | Image sensor type                                                                                                                     | 1/2.8"                   | 1/2.8"                   | 1/2.7"                   |
|                                       | Max. frames per second (fps)                                                                                                          | 30fps                    | 30fps                    | 30fps                    |
|                                       | High Dynamic Range (HDR)                                                                                                              | 120dB                    | 120dB                    | 120dB                    |
|                                       | ONVIF conformant                                                                                                                      | ■                        | ■                        | ■                        |
|                                       | Built-in microphone                                                                                                                   | –                        | ■                        | –                        |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                             | –                        | –                        | –                        |
|                                       | Privacy masking                                                                                                                       | ■                        | ■                        | ■                        |
|                                       | Upright video mode                                                                                                                    | ■                        | ■                        | ■                        |
|                                       | Electronic Image Stabilization (EIS)                                                                                                  | –                        | –                        | –                        |
| Bitrate management                    | Intelligent streaming                                                                                                                 | ■                        | ■                        | ■                        |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                                   | ■                        | ■                        | ■                        |
|                                       | Multi streaming                                                                                                                       | 3 streams                | 3 streams                | 3 streams                |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                                 | 0.06 lux                 | 0.06 lux                 | 0.14 lux                 |
|                                       | Minimum illumination night mode (black / white)                                                                                       | 0.016 lux                | 0.016 lux                | 0.03 lux                 |
|                                       | Max. IR range                                                                                                                         | –                        | –                        | –                        |
| Lens                                  | Automatic varifocal                                                                                                                   | ■                        | ■                        | ■                        |
|                                       | Focal length                                                                                                                          | 3.3 - 10.2 mm            | 3.3 - 10.2 mm            | 3.3 - 10.2 mm            |
|                                       | Horizontal Field of View (HFOV)                                                                                                       | 106° - 31.2°             | 106° - 31.2°             | 101.4° - 30.1°           |
| Storage                               | Industrial SD card support with health monitoring                                                                                     | ■                        | ■                        | ■                        |
| Connections                           | Alarm input / output                                                                                                                  | –                        | ■                        | –                        |
|                                       | Audio in / out                                                                                                                        | –                        | ■                        | –                        |
|                                       | Hybrid / public view monitor                                                                                                          | ■                        | ■                        | ■                        |
| Housing                               | Weather rating                                                                                                                        | –                        | –                        | –                        |
|                                       | Vandal resistant                                                                                                                      | –                        | –                        | –                        |
|                                       | Operating temperature                                                                                                                 | 0 to 40°C (32 to 104° F) | 0 to 40°C (32 to 104° F) | 0 to 40°C (32 to 104° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                                   | PoE                      | PoE / - / 24V            | PoE                      |
| Accessories                           | Modular mount compatible                                                                                                              | ■                        | ■                        | ■                        |

## Fixed dome cameras

### ►FLEXIDOME indoor 3100i (IR)



IR

2MP



IR

5MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                                       | NDI-3702-AL              | NDI-3703-AL              |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                                       | ■                        | ■                        |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                                       | –                        | –                        |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                                         | –                        | –                        |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                            | –                        | –                        |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                                      | –                        | –                        |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                                   | –                        | –                        |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS) | –                        | –                        |
|                                       | IVA Pro Privacy (MVC-IVA-PR1)                                                                                                         | –                        | –                        |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                             | –                        | –                        |
| Basic features                        | Maximum resolution                                                                                                                    | 2MP                      | 5MP                      |
|                                       | Image sensor type                                                                                                                     | 1/2.8"                   | 1/2.7"                   |
|                                       | Max. frames per second (fps)                                                                                                          | 30fps                    | 30fps                    |
|                                       | High Dynamic Range (HDR)                                                                                                              | 120dB                    | 120dB                    |
|                                       | ONVIF conformant                                                                                                                      | ■                        | ■                        |
|                                       | Built-in microphone                                                                                                                   | –                        | –                        |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                             | –                        | –                        |
|                                       | Privacy masking                                                                                                                       | ■                        | ■                        |
|                                       | Upright video mode                                                                                                                    | ■                        | ■                        |
|                                       | Electronic Image Stabilization (EIS)                                                                                                  | –                        | –                        |
| Bitrate management                    | Intelligent streaming                                                                                                                 | ■                        | ■                        |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                                   | ■                        | ■                        |
|                                       | Multi streaming                                                                                                                       | 3 streams                | 3 streams                |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                                 | 0.06 lux                 | 0.14 lux                 |
|                                       | Minimum illumination night mode (black / white)                                                                                       | 0 lux with IR on         | 0 lux with IR on         |
|                                       | Max. IR range                                                                                                                         | 30 m                     | 30 m                     |
| Lens                                  | Automatic varifocal                                                                                                                   | ■                        | ■                        |
|                                       | Focal length                                                                                                                          | 3.3 - 10.2 mm            | 3.3 - 10.2 mm            |
|                                       | Horizontal Field of View (HFOV)                                                                                                       | 106° - 31.2°             | 101.4° - 30.1°           |
| Storage                               | Industrial SD card support with health monitoring                                                                                     | ■                        | ■                        |
| Connections                           | Alarm input / output                                                                                                                  | –                        | –                        |
|                                       | Audio in / out                                                                                                                        | –                        | –                        |
|                                       | Hybrid / public view monitor                                                                                                          | ■                        | ■                        |
| Housing                               | Weather rating                                                                                                                        | –                        | –                        |
|                                       | Vandal resistant                                                                                                                      | –                        | –                        |
|                                       | Operating temperature                                                                                                                 | 0 to 40°C (32 to 104° F) | 0 to 40°C (32 to 104° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                                   | PoE                      | PoE                      |
| Accessories                           | Modular mount compatible                                                                                                              | ■                        | ■                        |

## Fixed dome cameras

### ► FLEXIDOME outdoor 3100i (IR)



IR  
2MP



IR  
5MP



IR  
5MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                                       | NDE-3702-AL                 | NDE-3703-AL                 | NDE-3703-AL-IO              |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                                       | ■                           | ■                           | ■                           |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                                       | –                           | –                           | –                           |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                                         | –                           | –                           | –                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                            | –                           | –                           | –                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                                      | –                           | –                           | –                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                                   | –                           | –                           | –                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS) | –                           | –                           | –                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                                         | –                           | –                           | –                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                             | –                           | –                           | –                           |
| Basic features                        | Maximum resolution                                                                                                                    | 2MP                         | 5MP                         | 5MP                         |
|                                       | Image sensor type                                                                                                                     | 1/2.8"                      | 1/2.7"                      | 1/2.7"                      |
|                                       | Max. frames per second (fps)                                                                                                          | 30fps                       | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                              | 120dB                       | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                                      | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                                   | –                           | –                           | –                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                             | –                           | –                           | –                           |
|                                       | Privacy masking                                                                                                                       | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                                    | ■                           | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                                  | –                           | –                           | –                           |
| Bitrate management                    | Intelligent streaming                                                                                                                 | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                                   | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                                       | 3 streams                   | 3 streams                   | 3 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                                 | 0.06 lux                    | 0.14 lux                    | 0.14 lux                    |
|                                       | Minimum illumination night mode (black / white)                                                                                       | 0 lux with IR on            | 0 lux with IR on            | 0 lux with IR on            |
|                                       | Max. IR range                                                                                                                         | 30 m                        | 30 m                        | 30 m                        |
| Lens                                  | Automatic varifocal                                                                                                                   | ■                           | ■                           | ■                           |
|                                       | Focal length                                                                                                                          | 3.3 - 10.2 mm               | 3.3 - 10.2 mm               | 3.3 - 10.2 mm               |
|                                       | Horizontal Field of View (HFOV)                                                                                                       | 106° - 31.2°                | 101.4° - 30.1°              | 101.4° - 30.1°              |
| Storage                               | Industrial SD card support with health monitoring                                                                                     | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                                  | –                           | –                           | ■                           |
|                                       | Audio in / out                                                                                                                        | –                           | –                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                          | ■                           | ■                           | ■                           |
| Housing                               | Weather rating                                                                                                                        | IP66                        | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                                      | IK10                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                                 | -30 to 50°C (-22 to 122° F) | -30 to 50°C (-22 to 122° F) | -30 to 50°C (-22 to 122° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                                   | PoE                         | PoE                         | PoE / – / 24V               |
| Accessories                           | Modular mount compatible                                                                                                              | ■                           | ■                           | ■                           |

## Fixed dome cameras

### ►FLEXIDOME indoor 5100i



2MP

Indoor



5MP

Indoor



8MP

Indoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                | NDV-5702-A                 | NDV-5703-A                 | NDV-5704-A                 |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                | ■                          | ■                          | ■                          |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                  | ■                          | ■                          | ■                          |
| Video Analytics available via license | IVA Pro Perimeter (MVC-IVA-PER)                                                                                | ■                          | ■                          | ■                          |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                  | ■                          | ■                          | ■                          |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                     | ■                          | ■                          | ■                          |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                               | ■                          | ■                          | ■                          |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                            | ■                          | ■                          | ■                          |
|                                       | IVA Pro License Plate Recognition , Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                          | ■                          | ■                          |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                      | –                          | –                          | –                          |
|                                       |                                                                                                                |                            |                            |                            |
| Basic features                        | Maximum resolution                                                                                             | 2MP                        | 5MP                        | 8MP                        |
|                                       | Image sensor type                                                                                              | 1/2.8"                     | 1/2.7"                     | 1/2.8"                     |
|                                       | Max. frames per second (fps)                                                                                   | 60fps                      | 30fps                      | 30fps                      |
|                                       | High Dynamic Range (HDR)                                                                                       | 144dB                      | 120dB                      | 120dB                      |
|                                       | ONVIF conformant                                                                                               | ■                          | ■                          | ■                          |
|                                       | Built-in microphone                                                                                            | –                          | –                          | –                          |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                      | –                          | –                          | –                          |
|                                       | Privacy masking                                                                                                | ■                          | ■                          | ■                          |
|                                       | Upright video mode                                                                                             | ■                          | ■                          | ■                          |
|                                       | Electronic Image Stabilization (EIS)                                                                           | ■                          | ■                          | ■                          |
| Bitrate management                    | Intelligent streaming                                                                                          | ■                          | ■                          | ■                          |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                            | ■                          | ■                          | ■                          |
|                                       | Multi streaming                                                                                                | 4 streams                  | 4 streams                  | 4 streams                  |
| Sensitivity                           | Minimum illumination day mode (color)                                                                          | 0.021 lux                  | 0.044 lux                  | 0.065 lux                  |
|                                       | Minimum illumination night mode (black / white)                                                                | 0.004 lux                  | 0.01 lux                   | 0.02 lux                   |
|                                       | Max. IR range                                                                                                  | 45 m                       | 45 m                       | 40 m                       |
| Lens                                  | Automatic varifocal                                                                                            | ■                          | ■                          | ■                          |
|                                       | Focal length                                                                                                   | 3.2 - 10.5 mm (P-iris)     | 3.2 - 10.5 mm (P-iris)     | 3.2 - 10.5 mm (P-iris)     |
|                                       | Horizontal Field of View (HFOV)                                                                                | 105° - 31°                 | 96° - 29°                  | 105° - 31°                 |
| Storage                               | Industrial SD card support with health monitoring                                                              | ■                          | ■                          | ■                          |
| Connections                           | Alarm input / output                                                                                           | ■                          | ■                          | ■                          |
|                                       | Audio in / out                                                                                                 | ■                          | ■                          | ■                          |
|                                       | Hybrid / public view monitor                                                                                   | –                          | –                          | –                          |
| Housing                               | Weather rating                                                                                                 | IP54                       | IP54                       | IP54                       |
|                                       | Vandal resistant                                                                                               | IK10                       | IK10                       | IK10                       |
|                                       | Operating temperature                                                                                          | -20 to 50°C (-4 to 122° F) | -20 to 50°C (-4 to 122° F) | -20 to 50°C (-4 to 122° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                            | PoE                        | PoE                        | PoE                        |
| Accessories                           | Modular mount compatible                                                                                       | ■                          | ■                          | ■                          |

## Fixed dome cameras

### ►FLEXIDOME indoor 5100i IR



IR  
2MP  
Indoor



IR  
5MP  
Indoor



IR  
8MP  
Indoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDV-5702-AL                | NDV-5703-AL                | NDV-5704-AL                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                          | ■                          | ■                          |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                          | ■                          | ■                          |
| Video Analytics available via license | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                          | ■                          | ■                          |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                          | ■                          | ■                          |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                          | ■                          | ■                          |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                          | ■                          | ■                          |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                          | ■                          | ■                          |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                          | ■                          | ■                          |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | ■                          | ■                          | ■                          |
|                                       |                                                                                                                             |                            |                            |                            |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                        | 5MP                        | 8MP                        |
|                                       | Image sensor type                                                                                                           | 1/2.8"                     | 1/2.7"                     | 1/2.8"                     |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                      | 30fps                      | 30fps                      |
|                                       | High Dynamic Range (HDR)                                                                                                    | 144dB                      | 120dB                      | 120dB                      |
|                                       | ONVIF conformant                                                                                                            | ■                          | ■                          | ■                          |
|                                       | Built-in microphone                                                                                                         | ■                          | ■                          | ■                          |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                          | –                          | –                          |
|                                       | Privacy masking                                                                                                             | ■                          | ■                          | ■                          |
|                                       | Upright video mode                                                                                                          | ■                          | ■                          | ■                          |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                          | ■                          | ■                          |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                          | ■                          | ■                          |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                          | ■                          | ■                          |
|                                       | Multi streaming                                                                                                             | 4 streams                  | 4 streams                  | 4 streams                  |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.021 lux                  | 0.044 lux                  | 0.046 lux                  |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.004 lux                  | 0.01 lux                   | 0.015 lux                  |
|                                       | Max. IR range                                                                                                               | 45 m                       | 45 m                       | 40 m                       |
| Lens                                  | Automatic varifocal                                                                                                         | ■                          | ■                          | ■                          |
|                                       | Focal length                                                                                                                | 3.2 - 10.5 mm (P-iris)     | 3.2 - 10.5 mm (P-iris)     | 3.2 - 10.5 mm (P-iris)     |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 105° - 31°                 | 96° - 29°                  | 105° - 31°                 |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                          | ■                          | ■                          |
| Connections                           | Alarm input / output                                                                                                        | ■                          | ■                          | ■                          |
|                                       | Audio in / out                                                                                                              | ■                          | ■                          | ■                          |
|                                       | Hybrid / public view monitor                                                                                                | ■                          | ■                          | –                          |
| Housing                               | Weather rating                                                                                                              | IP54                       | IP54                       | IP54                       |
|                                       | Vandal resistant                                                                                                            | IK10                       | IK10                       | IK10                       |
|                                       | Operating temperature                                                                                                       | -20 to 50°C (-4 to 122° F) | -20 to 50°C (-4 to 122° F) | -20 to 50°C (-4 to 122° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE                        | PoE                        | PoE                        |
| Accessories                           | Modular mount compatible                                                                                                    | ■                          | ■                          | ■                          |

## Fixed dome cameras

## ►FLEXIDOME outdoor 5100i


2MP  
Outdoor

5MP  
Outdoor

8MP  
Outdoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-5702-A                  | NDE-5703-A                  | NDE-5704-A                  |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                           | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                           | ■                           | ■                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                           | ■                           | ■                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                           | ■                           | ■                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                           | ■                           | ■                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                           | ■                           | ■                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                           | –                           | –                           |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                         | 5MP                         | 8MP                         |
|                                       | Image sensor type                                                                                                           | 1/2.8"                      | 1/2.7"                      | 1/2.8"                      |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                       | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 144dB                       | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | –                           | –                           | –                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                           | –                           | –                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | ■                           | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                           | ■                           | ■                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 4 streams                   | 4 streams                   | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.021 lux                   | 0.044 lux                   | 0.065 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.004 lux                   | 0.01 lux                    | 0.02 lux                    |
|                                       | Max. IR range                                                                                                               | 45 m                        | 45 m                        | 40 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           | ■                           | ■                           |
|                                       | Focal length                                                                                                                | 3.2 - 10.5 mm (P-iris)      | 3.2 - 10.5 mm (P-iris)      | 3.2 - 10.5 mm (P-iris)      |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 105° - 31°                  | 96° - 29°                   | 105° - 31°                  |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | ■                           | ■                           | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | ■                           | ■                           | –                           |
| Housing                               | Weather rating                                                                                                              | IP66                        | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V             | PoE / 12V / 24V             | PoE / 12V / 24V             |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           | ■                           |

## Fixed dome cameras

### ► FLEXIDOME outdoor 5100i IR



IR  
2MP  
Outdoor



IR  
5MP  
Outdoor



IR  
8MP  
Outdoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-5702-AL                 | NDE-5703-AL                 | NDE-5704-AL                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                           | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                           | ■                           | ■                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                           | ■                           | ■                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                           | ■                           | ■                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                           | ■                           | ■                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                           | ■                           | ■                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | ■                           | ■                           | ■                           |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                         | 5MP                         | 8MP                         |
|                                       | Image sensor type                                                                                                           | 1/2.8"                      | 1/2.7"                      | 1/2.8"                      |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                       | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 144dB                       | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | ■                           | ■                           | ■                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                           | –                           | –                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | ■                           | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                           | ■                           | ■                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 4 streams                   | 4 streams                   | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.021 lux                   | 0.044 lux                   | 0.065 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.004 lux                   | 0.01 lux                    | 0.02 lux                    |
|                                       | Max. IR range                                                                                                               | 45 m                        | 45 m                        | 40 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           | ■                           | ■                           |
|                                       | Focal length                                                                                                                | 3.2 - 10.5 mm (P-iris)      | 3.2 - 10.5 mm (P-iris)      | 3.2 - 10.5 mm (P-iris)      |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 105° - 31°                  | 96° - 29°                   | 105° - 31°                  |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | ■                           | ■                           | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | ■                           | ■                           | –                           |
| Housing                               | Weather rating                                                                                                              | IP66                        | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V             | PoE / 12V / 24V             | PoE / 12V / 24V             |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           | ■                           |

## Fixed dome cameras

### ► FLEXIDOME 8100i (IR)



6MP  
Indoor/  
Outdoor  
PTRZ



6MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
6MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-8703-R                    | NDE-8703-RT                   | NDE-8703-RL                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             | ■                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             | ■                             |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             | ■                             |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             | ■                             |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             | ■                             |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             | ■                             |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | –                             | ■                             |
|                                       |                                                                                                                             |                               |                               |                               |
| Basic features                        | Maximum resolution                                                                                                          | 6MP                           | 6MP                           | 6MP                           |
|                                       | Image sensor type                                                                                                           | 1/1.8"                        | 1/1.8"                        | 1/1.8"                        |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                         | 30fps                         | 30fps                         |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                         | 120dB                         | 120dB                         |
|                                       | ONVIF conformant                                                                                                            | ■                             | ■                             | ■                             |
|                                       | Built-in microphone                                                                                                         | –                             | –                             | ■                             |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | ■                             | ■                             | ■                             |
|                                       | Privacy masking                                                                                                             | ■                             | ■                             | ■                             |
|                                       | Upright video mode                                                                                                          | ■                             | ■                             | ■                             |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             | ■                             |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                             | ■                             | ■                             |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             | ■                             |
|                                       | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     | 4 streams                     |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.036 lux                     | 0.0885 lux                    | 0.036 lux                     |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0054 lux                    | 0.0083 lux                    | 0.0054 lux                    |
|                                       | Max. IR range                                                                                                               | –                             | –                             | 30 m                          |
| Lens                                  | Automatic varifocal                                                                                                         | ■                             | ■                             | ■                             |
|                                       | Focal length                                                                                                                | 3.9 - 10 mm (P-iris)          | 12 - 38 mm (P-iris)           | 3.9 - 10 mm (P-iris)          |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 117° - 44°                    | 36° - 12°                     | 117° - 44°                    |
| Storage                               | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  | Dual microSD                  |
| Connections                           | Alarm input / output                                                                                                        | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          |
|                                       | Audio in / out                                                                                                              | ■ (+ Mic in)                  | ■ (+ Mic in)                  | ■ (+ Mic in)                  |
|                                       | Hybrid / public view monitor                                                                                                | –                             | –                             | –                             |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          |
|                                       | Vandal resistant                                                                                                            | IK11                          | IK11                          | IK11                          |
|                                       | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                           | Modular mount compatible                                                                                                    | ■                             | ■                             | ■                             |

## Fixed dome cameras

### ► FLEXIDOME 8100i (IR)



8MP  
Indoor/  
Outdoor  
PTRZ



8MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
8MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-8704-R                    | NDE-8704-RT                   | NDE-8704-RL                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             | ■                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             | ■                             |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             | ■                             |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             | ■                             |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             | ■                             |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             | ■                             |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | –                             | ■                             |
|                                       |                                                                                                                             |                               |                               |                               |
| Basic features                        | Maximum resolution                                                                                                          | 8.3MP / 4K UHD                | 8.3MP / 4K UHD                | 8.3MP / 4K UHD                |
|                                       | Image sensor type                                                                                                           | 1/1.8"                        | 1/1.8"                        | 1/1.8"                        |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                         | 30fps                         | 30fps                         |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                         | 120dB                         | 120dB                         |
|                                       | ONVIF conformant                                                                                                            | ■                             | ■                             | ■                             |
|                                       | Built-in microphone                                                                                                         | –                             | –                             | ■                             |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | ■                             | ■                             | ■                             |
|                                       | Privacy masking                                                                                                             | ■                             | ■                             | ■                             |
|                                       | Upright video mode                                                                                                          | ■                             | ■                             | ■                             |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             | ■                             |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                             | ■                             | ■                             |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             | ■                             |
|                                       | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     | 4 streams                     |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.036 lux                     | 0.0885 lux                    | 0.036 lux                     |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0054 lux                    | 0.0083 lux                    | 0.0054 lux                    |
|                                       | Max. IR range                                                                                                               | –                             | –                             | 30 m                          |
| Lens                                  | Automatic varifocal                                                                                                         | ■                             | ■                             | ■                             |
|                                       | Focal length                                                                                                                | 3.9 - 10 mm (P-iris)          | 12 - 38 mm (P-iris)           | 3.9 - 10 mm (P-iris)          |
|                                       | Horizontal Field of View (HFoV)                                                                                             | 117° - 44°                    | 36° - 12°                     | 117° - 44°                    |
| Storage                               | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  | Dual microSD                  |
| Connections                           | Alarm input / output                                                                                                        | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          |
|                                       | Audio in / out                                                                                                              | ■ (+ Mic in)                  | ■ (+ Mic in)                  | ■ (+ Mic in)                  |
|                                       | Hybrid / public view monitor                                                                                                | –                             | –                             | –                             |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          |
|                                       | Vandal resistant                                                                                                            | IK11                          | IK11                          | IK11                          |
|                                       | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                           | Modular mount compatible                                                                                                    | ■                             | ■                             | ■                             |

## Fixed dome cameras

### ►FLEXIDOME 8100i (IR) – X series



2MP  
Indoor/  
Outdoor  
PTRZ



2MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
2MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-8702-RX                   | NDE-8702-RXT                  | NDE-8702-RXL                  |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             | ■                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             | ■                             |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             | ■                             |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             | ■                             |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             | ■                             |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             | ■                             |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | –                             | ■                             |
|                                       |                                                                                                                             |                               |                               |                               |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                           | 2MP                           | 2MP                           |
|                                       | Image sensor type                                                                                                           | 1/1.8"                        | 1/1.8"                        | 1/1.8"                        |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                         | 60fps                         | 60fps                         |
|                                       | High Dynamic Range (HDR)                                                                                                    | 141dB HDR X                   | 141dB HDR X                   | 120dB HDR X                   |
|                                       | ONVIF conformant                                                                                                            | ■                             | ■                             | ■                             |
|                                       | Built-in microphone                                                                                                         | –                             | –                             | ■                             |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | ■                             | ■                             | ■                             |
|                                       | Privacy masking                                                                                                             | ■                             | ■                             | ■                             |
|                                       | Upright video mode                                                                                                          | ■                             | ■                             | ■                             |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             | ■                             |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                             | ■                             | ■                             |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             | ■                             |
|                                       | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     | 4 streams                     |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.0078 lux                    | 0.054 lux                     | 0.0078 lux                    |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0011 lux                    | 0.0095 lux                    | 0.0011 lux                    |
|                                       | Max. IR range                                                                                                               |                               |                               | 50 m                          |
| Lens                                  | Automatic varifocal                                                                                                         | ■                             | ■                             | ■                             |
|                                       | Focal length                                                                                                                | 4.4 - 10 mm (P-iris)          | 12 - 38 mm (P-iris)           | 4.4 - 10 mm (P-iris)          |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 110° - 56°                    | 36° - 12°                     | 110° - 56°                    |
| Storage                               | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  | Dual microSD                  |
| Connections                           | Alarm input / output                                                                                                        | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          |
|                                       | Audio in / out                                                                                                              | ■ (+ Mic in)                  | ■ (+ Mic in)                  | ■ (+ Mic in)                  |
|                                       | Hybrid / public view monitor                                                                                                | –                             | –                             | –                             |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          |
|                                       | Vandal resistant                                                                                                            | IK11                          | IK11                          | IK11                          |
|                                       | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                           | Modular mount compatible                                                                                                    | ■                             | ■                             | ■                             |

## Fixed dome cameras

### ► FLEXIDOME 8100i (IR) – X series



4MP  
Indoor/  
Outdoor  
PTRZ



4MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
4MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-8703-RX                   | NDE-8703-RXT                  | NDE-8703-RXL                  |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             | ■                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             | ■                             |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             | ■                             |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             | ■                             |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             | ■                             |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             | ■                             |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | –                             | ■                             |
|                                       |                                                                                                                             |                               |                               |                               |
| Basic features                        | Maximum resolution                                                                                                          | 4.1MP                         | 4.1MP                         | 4.1MP                         |
|                                       | Image sensor type                                                                                                           | 1/1.8"                        | 1/1.8"                        | 1/1.8"                        |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                         | 60fps                         | 60fps                         |
|                                       | High Dynamic Range (HDR)                                                                                                    | 141dB HDR X                   | 141dB HDR X                   | 141dB HDR X                   |
|                                       | ONVIF conformant                                                                                                            | ■                             | ■                             | ■                             |
|                                       | Built-in microphone                                                                                                         | –                             | –                             | ■                             |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | ■                             | ■                             | ■                             |
|                                       | Privacy masking                                                                                                             | ■                             | ■                             | ■                             |
|                                       | Upright video mode                                                                                                          | ■                             | ■                             | ■                             |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             | ■                             |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                             | ■                             | ■                             |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             | ■                             |
|                                       | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     | 4 streams                     |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.009 lux                     | 0.0252 lux                    | 0.009 lux                     |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0007 lux                    | 0.0022 lux                    | 0.0007 lux                    |
|                                       | Max. IR range                                                                                                               |                               |                               | 50 m                          |
| Lens                                  | Automatic varifocal                                                                                                         | ■                             | ■                             | ■                             |
|                                       | Focal length                                                                                                                | 4.4 - 10 mm (P-iris)          | 12 - 38 mm (P-iris)           | 4.4 - 10 mm (P-iris)          |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 110° - 56°                    | 36° - 12°                     | 110° - 56°                    |
| Storage                               | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  | Dual microSD                  |
| Connections                           | Alarm input / output                                                                                                        | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          |
|                                       | Audio in / out                                                                                                              | ■ (+ Mic in)                  | ■ (+ Mic in)                  | ■ (+ Mic in)                  |
|                                       | Hybrid / public view monitor                                                                                                | –                             | –                             | –                             |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          |
|                                       | Vandal resistant                                                                                                            | IK11                          | IK11                          | IK11                          |
|                                       | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                           | Modular mount compatible                                                                                                    | ■                             | ■                             | ■                             |

## Fixed dome cameras

### ►FLEXIDOME 8100i (IR) – X series



8MP  
Indoor/  
Outdoor  
PTRZ



IR  
8MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDE-8704-RX                   | NDE-8704-RXL                  |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | ■                             |
|                                       |                                                                                                                             |                               |                               |
| Basic features                        | Maximum resolution                                                                                                          | 8.3MP / 4K UHD                | 8.3MP / 4K UHD                |
|                                       | Image sensor type                                                                                                           | 1/1.2"                        | 1/1.2"                        |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                         | 30fps                         |
|                                       | High Dynamic Range (HDR)                                                                                                    | 128dB HDR X                   | 128dB HDR X                   |
|                                       | ONVIF conformant                                                                                                            | ■                             | ■                             |
|                                       | Built-in microphone                                                                                                         | –                             | ■                             |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | ■                             | ■                             |
|                                       | Privacy masking                                                                                                             | ■                             | ■                             |
|                                       | Upright video mode                                                                                                          | ■                             | ■                             |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                             | ■                             |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             |
|                                       | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.0122 lux                    | 0.0122 lux                    |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0015 lux                    | 0.0015 lux                    |
|                                       | Max. IR range                                                                                                               |                               | 50 m                          |
| Lens                                  | Automatic varifocal                                                                                                         | ■                             | ■                             |
|                                       | Focal length                                                                                                                | 5.9 - 13 mm (P-iris)          | 5.9 - 13 mm (P-iris)          |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 110° - 48°                    | 110° - 48°                    |
| Storage                               | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  |
| Connections                           | Alarm input / output                                                                                                        | 2 / 1 + 12V 50mA out          | 2 / 1 + 12V 50mA out          |
|                                       | Audio in / out                                                                                                              | ■ (+ Mic in)                  | ■ (+ Mic in)                  |
|                                       | Hybrid / public view monitor                                                                                                | –                             | –                             |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67 / IP6K9K          | IP66 / IP67 / IP6K9K          |
|                                       | Vandal resistant                                                                                                            | IK11                          | IK11                          |
|                                       | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                           | Modular mount compatible                                                                                                    | ■                             | ■                             |

## Panoramic cameras

### ► FLEXIDOME panoramic 5100i



6MP

Indoor

### ► FLEXIDOME panoramic 5100i IR



12MP

Indoor



IR

6MP

Outdoor



IR

12MP

Outdoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                                | NDS-5703-F360               | NDS-5704-F360               | NDS-5703-F360LE             | NDS-5704-F360LE             |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                                | ■                           | ■                           | ■                           | ■                           |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                                | ■                           | ■                           | ■                           | ■                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                                  | ■                           | ■                           | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                                  | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                     | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                               | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                            | –                           | –                           | –                           | –                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Signs (MVC-IVA-DGS) | –                           | –                           | –                           | –                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                      | ■                           | ■                           | ■                           | ■                           |
|                                       |                                                                                                                                |                             |                             |                             |                             |
| Basic features                        | Maximum resolution                                                                                                             | 6MP                         | 12MP                        | 6MP                         | 12MP                        |
|                                       | Image sensor type                                                                                                              | 1/1.8"                      | 1/2.3"                      | 1/1.8"                      | 1/2.3"                      |
|                                       | Max. frames per second (fps)                                                                                                   | 30fps                       | 30fps                       | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                       | 120dB                       | 120dB                       | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                               | ■                           | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                            | ■                           | ■                           | ■                           | ■                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                      | –                           | –                           | –                           | –                           |
|                                       | Privacy masking                                                                                                                | ■                           | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                             | –                           | –                           | –                           | –                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                           | –                           | –                           | –                           | –                           |
| Bitrate management                    | Intelligent streaming                                                                                                          | ■                           | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                            | ■                           | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                                | 4 streams                   | 4 streams                   | 4 streams                   | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                          | 0.099 lux                   | 0.15 lux                    | 0.099 lux                   | 0.15 lux                    |
|                                       | Minimum illumination night mode (black / white)                                                                                | 0.008 lux                   | 0.048 lux                   | 0.008 lux                   | 0.048 lux                   |
|                                       | Max. IR range                                                                                                                  | –                           | –                           | 20 m                        | 20 m                        |
| Lens                                  | Automatic varifocal                                                                                                            | –                           | –                           | –                           | –                           |
|                                       | Focal length                                                                                                                   | 1.155 mm                    | 1.26 mm                     | 1.155 mm                    | 1.26 mm                     |
|                                       | Horizontal Field of View (HFOV)                                                                                                | 182°                        | 182°                        | 182°                        | 182°                        |
| Storage                               | Industrial SD card support with health monitoring                                                                              | ■                           | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                           | ■                           | ■                           | ■                           | ■                           |
|                                       | Audio in / out                                                                                                                 | –                           | –                           | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                   | –                           | –                           | –                           | –                           |
| Housing                               | Weather rating                                                                                                                 | –                           | –                           | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                               | IK08                        | IK08                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                          | -10 to 40°C (-14 to 104° F) | -10 to 40°C (-14 to 104° F) | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                            | PoE                         | PoE                         | PoE / 12V / 24V             | PoE / 12V / 24V             |
| Accessories                           | Modular mount compatible                                                                                                       | ■                           | ■                           | ■                           | ■                           |

## Multi-imager cameras

### ►FLEXIDOME dual 7000i



2x 3MP

Indoor/  
Outdoor



2x 5MP

Indoor/  
Outdoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDD-7802-AL                 | NDD-7803-AL                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           |                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                           | –                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                           | –                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                           | –                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                           | –                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | * Future release            | * Future release            |
|                                       | IVA Pro Privacy (MVC-IVA-PR)                                                                                                | * Future release            | * Future release            |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | * Future release            | * Future release            |
| Basic features                        | Maximum resolution                                                                                                          | 2x 3MP                      | 2x 5MP                      |
|                                       | Image sensor type                                                                                                           | 1/2.8"                      | 1/2.8"                      |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | ■                           | ■                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                           | –                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | –                           | –                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 4 streams                   | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.035 lux                   | 0.035 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.003 lux                   | 0.003 lux                   |
|                                       | Max. IR range                                                                                                               | 30 m                        | 30 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           | ■                           |
|                                       | Focal length                                                                                                                | 3.3 – 8.1 mm                | 3.3 – 8.1 mm                |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 104° - 37°                  | 104° - 37°                  |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | ■                           | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | –                           | –                           |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67                 | IP66 / IP67                 |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -40 to 60°C (-40 to 160° F) | -40 to 60°C (-40 to 160° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V             | PoE / 12V / 24V             |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           |

## Multi-imager cameras

### ►FLEXIDOME multi 7000i



4 x 3MP  
Indoor/  
Outdoor



4 x 5MP  
Indoor/  
Outdoor

### ►FLEXIDOME multi 7000i IR



IR  
4 x 3MP  
Indoor/  
Outdoor



IR  
4 x 5MP  
Indoor/  
Outdoor

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDM-7702-A                  | NDM-7703-A                  | NDM-7702-AL                 | NDM-7703-AL                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           | ■                           | ■                           |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           | ■                           | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | –                           | –                           | –                           | –                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | –                           | –                           | –                           | –                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | –                           | –                           | –                           | –                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                           | –                           | –                           | –                           |
| Basic features                        | Maximum resolution                                                                                                          | 4 x 3MP                     | 4 x 5MP                     | 4 x 3MP                     | 4 x 5MP                     |
|                                       | Image sensor type                                                                                                           | 1/2.7"                      | 1/2.7"                      | 1/2.7"                      | 1/2.7"                      |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                       | 30fps                       | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                       | 120dB                       | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | ■                           | ■                           | ■                           | ■                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                           | –                           | –                           | –                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | ■                           | ■                           | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | –                           | –                           | –                           | –                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 3 streams                   | 3 streams                   | 3 streams                   | 3 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.091 lux                   | 0.091 lux                   | 0.091 lux                   | 0.091 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.012 lux                   | 0.012 lux                   | 0.012 lux                   | 0.012 lux                   |
|                                       | Max. IR range                                                                                                               | –                           | –                           | 30 m                        | 30 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           | ■                           | ■                           | ■                           |
|                                       | Focal length                                                                                                                | 3.7 - 7.7 mm                | 3.7 - 7.7 mm                | 3.7 - 7.7 mm                | 3.7 - 7.7 mm                |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 85.1° - 38.7°               | 85.1° - 38.7°               | 85.1° - 38.7°               | 85.1° - 38.7°               |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | ■                           | ■                           | ■                           | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           | ■                           | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | –                           | –                           | –                           | –                           |
| Housing                               | Weather rating                                                                                                              | IP66                        | IP66                        | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -50 to 55°C (-58 to 131° F) | -50 to 55°C (-58 to 131° F) | -50 to 55°C (-58 to 131° F) | -50 to 55°C (-58 to 131° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE+ / 24V                  | PoE+ / 24V                  | PoE+ / 24V                  | PoE+ / 24V                  |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           | ■                           | ■                           |

## Bullet cameras

### ►DINION 3100i IR



IR  
2MP



IR  
5MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NBE-3702-AL                 | NBE-3703-AL                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | –                           | –                           |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | –                           | –                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | –                           | –                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | –                           | –                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | –                           | –                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | –                           | –                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | –                           | –                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                           | –                           |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                         | 5MP                         |
|                                       | Image sensor type                                                                                                           | 1/2.8"                      | 1/2.7"                      |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | –                           | –                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                           | –                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | –                           | –                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 3 streams                   | 3 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.06 lux                    | 0.14 lux                    |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.016 lux                   | 0.03 lux                    |
|                                       | Max. IR range                                                                                                               | 30 m                        | 30 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           | ■                           |
|                                       | Focal length                                                                                                                | 3.3 – 10.2 mm               | 3.3 – 10.2 mm               |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 106° - 31°                  | 101° - 30°                  |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | –                           | –                           |
|                                       | Audio in / out                                                                                                              | –                           | –                           |
|                                       | Hybrid / public view monitor                                                                                                | –                           | –                           |
| Housing                               | Weather rating                                                                                                              | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -30 to 50°C (-22 to 122° F) | -30 to 50°C (-22 to 122° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE                         | PoE                         |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           |

## Bullet cameras

### ► DINION 5100i IR



IR

2MP



IR

5MP



IR

8MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NBE-5702-AL                 | NBE-5703-AL                 | NBE-5704-AL                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                           | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                           | ■                           | ■                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                           | ■                           | ■                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                           | ■                           | ■                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                           | ■                           | ■                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                           | ■                           | ■                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                           | –                           | –                           |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                         | 5MP                         | 8MP                         |
|                                       | Image sensor type                                                                                                           | 1/2.8"                      | 1/2.7"                      | 1/2.8"                      |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                       | 30fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 144dB                       | 120dB                       | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | –                           | –                           | –                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                           | –                           | –                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | ■                           | ■                           | ■                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                           | ■                           | ■                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 4 streams                   | 4 streams                   | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.021 lux                   | 0.044 lux                   | 0.046 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.004 lux                   | 0.01 lux                    | 0.015 lux                   |
|                                       | Max. IR range                                                                                                               | 60 m                        | 60 m                        | 45 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           | ■                           | ■                           |
|                                       | Focal length                                                                                                                | 3.2 - 10.5 mm (P-iris)      | 3.2 - 10.5 mm (P-iris)      | 3.2 - 10.5 mm (P-iris)      |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 105° - 31°                  | 96° - 29°                   | 105° - 31°                  |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | ■                           | ■                           | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | –                           | –                           | –                           |
| Housing                               | Weather rating                                                                                                              | IP66 / IP67                 | IP66 / IP67                 | IP66 / IP67                 |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) | -40 to 55°C (-40 to 131° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V             | PoE / 12V / 24V             | PoE / 12V / 24V             |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           | ■                           |

## Bullet cameras

### ►DINION 7100i IR



HDR X  
Wide angle  
IR  
2MP



HDR X  
Tele  
IR  
2MP



HDR X  
Wide angle  
IR  
4MP



HDR X  
Tele  
IR  
4MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NBE-7702-ALX                  | NBE-7702-ALXT                 | NBE-7703-ALX                  | NBE-7703-ALXT                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             | ■                             | ■                             |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             | ■                             | ■                             |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             | ■                             | ■                             |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | –                             | –                             | –                             |
|                                       |                                                                                                                             |                               |                               |                               |                               |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                           | 2MP                           | 4MP                           | 4MP                           |
|                                       | Image sensor type                                                                                                           | 1/1.8"                        | 1/1.8"                        | 1/1.8"                        | 1/1.8"                        |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                         | 60fps                         | 60fps                         | 60fps                         |
|                                       | High Dynamic Range (HDR)                                                                                                    | 146dB HDR X                   | 146dB HDR X                   | 141dB HDR X                   | 141dB HDR X                   |
|                                       | ONVIF conformant                                                                                                            | ■                             | ■                             | ■                             | ■                             |
|                                       | Built-in microphone                                                                                                         | –                             | –                             | –                             | –                             |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                             | –                             | –                             | –                             |
|                                       | Privacy masking                                                                                                             | ■                             | ■                             | ■                             | ■                             |
|                                       | Upright video mode                                                                                                          | ■                             | ■                             | ■                             | ■                             |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             | ■                             | ■                             |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                             | ■                             | ■                             | ■                             |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             | ■                             | ■                             |
|                                       | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     | 4 streams                     | 4 streams                     |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.0061 lux                    | 0.0061 lux                    | 0.0078 lux                    | 0.0078 lux                    |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0011 lux                    | 0.0011 lux                    | 0.0011 lux                    | 0.0013 lux                    |
|                                       | Max. IR range                                                                                                               | 80 m                          | 140 m                         | 80 m                          | 140 m                         |
| Lens                                  | Automatic varifocal                                                                                                         | ■                             | ■                             | ■                             | ■                             |
|                                       | Focal length                                                                                                                | 4.7 - 10 mm (P-iris)          | 10.5 - 47 mm (P-iris)         | 4.7 - 10 mm (P-iris)          | 10.5 - 47 mm (P-iris)         |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 103° - 53°                    | 42° - 9°                      | 103° - 53°                    | 42° - 9°                      |
| Storage                               | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  | Dual microSD                  | Dual microSD                  |
| Connections                           | Alarm input / output                                                                                                        | ■                             | ■                             | ■                             | ■                             |
|                                       | Audio in / out                                                                                                              | ■                             | ■                             | ■                             | ■                             |
|                                       | Hybrid / public view monitor                                                                                                | –                             | –                             | –                             | –                             |
| Housing                               | Weather rating                                                                                                              | IP67                          | IP67                          | IP67                          | IP67                          |
|                                       | Vandal resistant                                                                                                            | IK10                          | IK10                          | IK10                          | IK10                          |
|                                       | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                           | Modular mount compatible                                                                                                    | ■                             | ■                             | ■                             | ■                             |

## Bullet cameras

### ► DINION 7100i IR



Wide  
angle  
IR  
8MP



Tele  
IR  
8MP



HDR X  
Wide  
angle  
IR  
8MP

■ Available – Not available

| Commercial Type Number                   |                                                                                                                             | NBE-7704-AL                   | NBE-7704-ALT                  | NBE-7704-ALX                  |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Video Analytics<br>(Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                             | ■                             | ■                             |
|                                          | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                             | ■                             | ■                             |
|                                          | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                             | ■                             | ■                             |
| Video Analytics available via<br>license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                             | ■                             | ■                             |
|                                          | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | ■                             | ■                             | ■                             |
|                                          | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                             | ■                             | ■                             |
|                                          | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | ■                             | ■                             | ■                             |
|                                          | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | ■                             | ■                             | ■                             |
|                                          | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | –                             | –                             | –                             |
|                                          |                                                                                                                             |                               |                               |                               |
| Basic features                           | Maximum resolution                                                                                                          | 8MP                           | 8MP                           | 8MP                           |
|                                          | Image sensor type                                                                                                           | 1/1.8"                        | 1/1.2"                        | 1/1.2"                        |
|                                          | Max. frames per second (fps)                                                                                                | 30fps                         | 30fps                         | 30fps                         |
|                                          | High Dynamic Range (HDR)                                                                                                    | 120dB                         | 120dB                         | 128dB HDR X                   |
|                                          | ONVIF conformant                                                                                                            | ■                             | ■                             | ■                             |
|                                          | Built-in microphone                                                                                                         | –                             | –                             | –                             |
| Advanced features                        | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | –                             | –                             | –                             |
|                                          | Privacy masking                                                                                                             | ■                             | ■                             | ■                             |
|                                          | Upright video mode                                                                                                          | ■                             | ■                             | ■                             |
|                                          | Electronic Image Stabilization (EIS)                                                                                        | ■                             | ■                             | ■                             |
| Bitrate management                       | Intelligent streaming                                                                                                       | ■                             | ■                             | ■                             |
|                                          | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                             | ■                             | ■                             |
|                                          | Multi streaming                                                                                                             | 4 streams                     | 4 streams                     | 4 streams                     |
| Sensitivity                              | Minimum illumination day mode (color)                                                                                       | 0.054 lux                     | 0.0899 lux                    | 0.0122 lux                    |
|                                          | Minimum illumination night mode (black / white)                                                                             | 0.0098 lux                    | 0.0095 lux                    | 0.0015 lux                    |
|                                          | Max. IR range                                                                                                               | 80 m                          | 120 m                         | 80 m                          |
| Lens                                     | Automatic varifocal                                                                                                         | ■                             | ■                             | ■                             |
|                                          | Focal length                                                                                                                | 4.4 - 10 mm (P-iris)          | 12 - 38 mm (P-iris)           | 5.9 - 13 mm (P-iris)          |
|                                          | Horizontal Field of View (HFOV)                                                                                             | 108° - 44°                    | 35.8° - 12.1°                 | 110° - 48°                    |
| Storage                                  | Industrial SD card support with health monitoring                                                                           | Dual microSD                  | Dual microSD                  | Dual microSD                  |
| Connections                              | Alarm input / output                                                                                                        | ■                             | ■                             | ■                             |
|                                          | Audio in / out                                                                                                              | ■                             | ■                             | ■                             |
|                                          | Hybrid / public view monitor                                                                                                | –                             | –                             | –                             |
| Housing                                  | Weather rating                                                                                                              | IP67                          | IP67                          | IP67                          |
|                                          | Vandal resistant                                                                                                            | IK10                          | IK10                          | IK10                          |
|                                          | Operating temperature                                                                                                       | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) | -50 to +60°C (-58 to +140° F) |
| Power input                              | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V               | PoE / 12V / 24V               | PoE / 12V / 24V               |
| Accessories                              | Modular mount compatible                                                                                                    | ■                             | ■                             | ■                             |

## Box cameras

■ Available – Not available

|                                         |                                                     | ►DINION 7100s                                                                                                             | ►DINION 7100s                                                                                                        | ►DINION 7100s                                                                                                              | ►DINION 7100s                                                                                                        |
|-----------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|                                         |                                                     | <br>HDR X<br>Wide angle<br>2MP<br>GenAI | <br>HDR X<br>Tele<br>2MP<br>GenAI | <br>HDR X<br>Wide angle<br>4MP<br>GenAI | <br>HDR X<br>Tele<br>4MP<br>GenAI |
| Commercial Type Number                  |                                                     | NBI-7802-AX                                                                                                               | NBI-7802-AXT                                                                                                         | NBI-7803-AX                                                                                                                | NBI-7803-AXT                                                                                                         |
| Video analytics (pre-installed)         | IVA Pro Buildings (MVC-IVA-BLD)                     | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Perimeter (MVC-IVA-PER)                     | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
| Video analytics (available via lincese) | IVA Pro Traffic (MVC-IVA-TRA)                       | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Visual Gun Detection (MVC-IVA-VGD)          | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Appearance (MVC-IVA-APC)                    | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Personal Protective Equipment (MVC-IVA-PPE) | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IIVA Pro License Plate (MVC-IVA-LPR)                | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Vehicle Make Model (MVC-IVA-MMR)            | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro License Plate + Make Model (MVC-IVA-LPRX)   | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Dangerous Good Signs(MVC-IVA-DGS)           | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | IVA Pro Privacy (MVC-IVA-PRI)                       | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
| Basic features                          | Intelligent Audio Analytics (MVC-IAA-GUN)           | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
|                                         | Maximum resolution                                  | 2MP                                                                                                                       | 2MP                                                                                                                  | 4MP                                                                                                                        | 2MP                                                                                                                  |
|                                         | Image sensor type                                   | 1/1.8"                                                                                                                    | 1/1.8"                                                                                                               | 1/1.8"                                                                                                                     | 1/1.8"                                                                                                               |
|                                         | Max. frames per second (fps)                        | 60fps                                                                                                                     | 60fps                                                                                                                | 60fps                                                                                                                      | 60fps                                                                                                                |
|                                         | High Dynamic Range (HDR)                            | 144dB HDR X                                                                                                               | 144dB HDR X                                                                                                          | 144dB HDR X                                                                                                                | 144dB HDR X                                                                                                          |
|                                         | ONVIF conformant                                    | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
| Advanced features                       | Built-in microphone                                 | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
|                                         | Motorized Pan / Tilt / Roll / Zoom (PTRZ)           | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
|                                         | Privacy masking                                     | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | Upright video mode                                  | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | Electronic Image Stabilization (EIS)                | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
| Bitrate management                      | Intelligent streaming                               | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | Compression (H.265 / H.264 & MJPEG)                 | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | Multi streaming                                     | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
| Sensitivity                             | Minimum illumination day mode (color)               | 0.008 lux                                                                                                                 | 0.007 lux                                                                                                            | 0.009 lux                                                                                                                  | 0.008 lux                                                                                                            |
|                                         | Minimum illumination night mode (black / white)     | 0.0007 lx                                                                                                                 | 0.0008 lx                                                                                                            | 0.0008 lx                                                                                                                  | 0.0009 lx                                                                                                            |
|                                         | Max. IR range                                       | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
| Lens                                    | Automatic varifocal                                 | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | Focal length                                        | 4.4-10mm                                                                                                                  | 10.5-47mm                                                                                                            | 4.4-10mm                                                                                                                   | 10.5-47mm                                                                                                            |
|                                         | Horizontal Angle of View (HAoV)                     | 103° – 49°                                                                                                                | 41.60° – 9.30°                                                                                                       | 103° – 49°                                                                                                                 | 41.60° – 9.30°                                                                                                       |
| Storage                                 | Industrial SD card support with health monitoring   | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
| Connections                             | Alarm input / output                                | ■                                                                                                                         | ■                                                                                                                    | ■                                                                                                                          | ■                                                                                                                    |
|                                         | Audio in / out                                      | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
|                                         | Hybrid / public view monitor                        | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
| Housing                                 | Weather rating                                      | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
|                                         | Vandal resistant                                    | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |
|                                         | Operating temperature                               | -20 to 55°C                                                                                                               | -20 to 55°C                                                                                                          | -20 to 55°C                                                                                                                | -20 to 55°C                                                                                                          |
| Power input                             | Power over Ethernet / 12VDC / 24VAC                 | PoE / ■ / ■                                                                                                               | PoE / ■ / ■                                                                                                          | PoE / ■ / ■                                                                                                                | PoE / ■ / ■                                                                                                          |
| Accessories                             | Modular mount compatible                            | –                                                                                                                         | –                                                                                                                    | –                                                                                                                          | –                                                                                                                    |

\*\* Lens not included

## Special cameras

| ►DINION 7100s                                                                     |  | ►DINION 7100s                                                                     |  |
|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|
|  |  |  |  |
| HDR X                                                                             |  | HDR X                                                                             |  |
| Tele                                                                              |  | Tele                                                                              |  |
| 4MP                                                                               |  | 4MP                                                                               |  |
| GenAI                                                                             |  | GenAI                                                                             |  |
| NBI-7803S-AX                                                                      |  | NBI-7803S-AXT                                                                     |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| -                                                                                 |  | -                                                                                 |  |
| 4MP                                                                               |  | 4MP                                                                               |  |
| 1/1.8"                                                                            |  | 1/1.8"                                                                            |  |
| 60fps                                                                             |  | 60fps                                                                             |  |
| 144dB HDR X                                                                       |  | 144dB HDR X                                                                       |  |
| ■                                                                                 |  | ■                                                                                 |  |
| -                                                                                 |  | -                                                                                 |  |
| -                                                                                 |  | -                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| 0.009 lux                                                                         |  | 0.008 lux                                                                         |  |
| 0.0008 lx                                                                         |  | 0.0009 lx                                                                         |  |
| -                                                                                 |  | -                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| 4.4-10mm                                                                          |  | 10.5-47mm                                                                         |  |
| 103° – 49°                                                                        |  | 41.60° – 9.30°                                                                    |  |
| ■                                                                                 |  | ■                                                                                 |  |
| ■                                                                                 |  | ■                                                                                 |  |
| -                                                                                 |  | -                                                                                 |  |
| -                                                                                 |  | -                                                                                 |  |
| -                                                                                 |  | -                                                                                 |  |
| -20 to 55°C                                                                       |  | -20 to 55°C                                                                       |  |
| PoE / ■ / ■                                                                       |  | PoE / ■ / ■                                                                       |  |
| -                                                                                 |  | -                                                                                 |  |

### ►FLEXIDOME corner 7100i IR



Wide angle

IR

6MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NCE-7703-FK                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                           |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | -                           |
| Video Analytics available via license | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | -                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | -                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | -                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | -                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | ■                           |
|                                       |                                                                                                                             |                             |
| Basic features                        | Maximum resolution                                                                                                          | 6MP                         |
|                                       | Image sensor type                                                                                                           | 1/1.8"                      |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                       |
|                                       | ONVIF conformant                                                                                                            | ■                           |
|                                       | Built-in microphone                                                                                                         | ■                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | -                           |
|                                       | Privacy masking                                                                                                             | ■                           |
|                                       | Upright video mode                                                                                                          | -                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | -                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           |
|                                       | Multi streaming                                                                                                             | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.072 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.014 lux                   |
|                                       | Max. IR range                                                                                                               | 15 m                        |
| Lens                                  | Automatic varifocal                                                                                                         | ■                           |
|                                       | Focal length                                                                                                                | 2.5 mm                      |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 131.1°                      |
| Storage                               | Industrial SD card support with health monitoring                                                                           | microSD                     |
| Connections                           | Alarm input / output                                                                                                        | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | -                           |
| Housing                               | Weather rating                                                                                                              | IP66                        |
|                                       | Vandal resistant                                                                                                            | IK10+                       |
|                                       | Operating temperature                                                                                                       | -10 to +50°C (14 to 122° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 12V / 24V             |
| Accessories                           | Modular mount compatible                                                                                                    | -                           |

## Thermal cameras

### ►DINION thermal 8100i



QVGA  
thermal



QVGA  
thermal



QVGA  
thermal



QVGA  
thermal

■ Available – Not available

| Commercial Type Number                |                                                                                                                           | NBT-8700-F03QF                | NBT-8700-F05QF                 | NBT-8700-F09QF                  | NBT-8700-F18QF                  |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                           | ■                             | ■                              | ■                               | ■                               |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                           | ■                             | ■                              | ■                               | ■                               |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                             | -                             | -                              | -                               | -                               |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                             | ■                             | ■                              | ■                               | ■                               |
| Video Analytics available via license | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                | -                             | -                              | -                               | -                               |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                          | -                             | -                              | -                               | -                               |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                       | -                             | -                              | -                               | -                               |
|                                       | IVA Pro License Plate (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS) | -                             | -                              | -                               | -                               |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                 | -                             | -                              | -                               | -                               |
|                                       | Maximum resolution                                                                                                        | QVGA                          | QVGA                           | QVGA                            | QVGA                            |
|                                       | Image sensor type                                                                                                         | Uncooled VOx microbolometer   | Uncooled VOx microbolometer    | Uncooled VOx microbolometer     | Uncooled VOx microbolometer     |
| Basic features                        | Max. frames per second (fps)                                                                                              | 30fps                         | 30fps                          | 30fps                           | 30fps                           |
|                                       | Spectral range (μm)                                                                                                       | 8 μm - 14 μm                  | 8 μm - 14 μm                   | 8 μm - 14 μm                    | 8 μm - 14 μm                    |
|                                       | ONVIF conformant                                                                                                          | ■                             | ■                              | ■                               | ■                               |
|                                       | Built-in microphone                                                                                                       | -                             | -                              | -                               | -                               |
|                                       | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                 | -                             | -                              | -                               | -                               |
| Advanced features                     | Privacy masking                                                                                                           | ■                             | ■                              | ■                               | ■                               |
|                                       | Upright video mode                                                                                                        | ■                             | ■                              | ■                               | ■                               |
|                                       | Electronic Image Stabilization (EIS)                                                                                      | -                             | -                              | -                               | -                               |
|                                       | Intelligent streaming                                                                                                     | ■                             | ■                              | ■                               | ■                               |
| Bitrate management                    | Compression (H.265 / H.264 & MJPEG)                                                                                       | ■                             | ■                              | ■                               | ■                               |
|                                       | Multi streaming                                                                                                           | 4 streams                     | 4 streams                      | 4 streams                       | 4 streams                       |
|                                       | Sensitivity (NETD)                                                                                                        | < 30 mK at 25°C               | < 30 mK at 25°C                | < 30 mK at 25°C                 | < 30 mK at 25°C                 |
| Sensitivity                           | Minimum illumination night mode (black / white)                                                                           | 0 lux                         | 0 lux                          | 0 lux                           | 0 lux                           |
|                                       | Detection range                                                                                                           | 32m (Person)<br>58m (Vehicle) | 64m (Person)<br>115m (Vehicle) | 124m (Person)<br>224m (Vehicle) | 250m (Person)<br>447m (Vehicle) |
|                                       | Lens type                                                                                                                 | Fixed focus, athermalized     | Fixed focus, athermalized      | Fixed focus, athermalized       | Fixed focus, athermalized       |
| Lens                                  | Focal length                                                                                                              | 3mm                           | 5mm                            | 9mm                             | 18mm                            |
|                                       | Horizontal Field of View (HFOV)                                                                                           | 80°                           | 45°                            | 24°                             | 12°                             |
|                                       | Storage                                                                                                                   | Dual microSD                  | Dual microSD                   | Dual microSD                    | Dual microSD                    |
| Connections                           | Industrial SD card support with health monitoring                                                                         | ■                             | ■                              | ■                               | ■                               |
|                                       | Alarm input / output                                                                                                      | ■                             | ■                              | ■                               | ■                               |
|                                       | Audio in / out                                                                                                            | ■                             | ■                              | ■                               | ■                               |
| Housing                               | Hybrid / public view monitor                                                                                              | -                             | -                              | -                               | -                               |
|                                       | Weather rating                                                                                                            | IP67                          | IP67                           | IP67                            | IP67                            |
|                                       | Vandal resistant                                                                                                          | IK10                          | IK10                           | IK10                            | IK10                            |
|                                       | Operating temperature                                                                                                     | -40 to 55°C (-40 to 131° F)   | -40 to 55°C (-40 to 131° F)    | -40 to 55°C (-40 to 131° F)     | -40 to 55°C (-40 to 131° F)     |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                       | PoE / 12V / 24V               | PoE / 12V / 24V                | PoE / 12V / 24V                 | PoE / 12V / 24V                 |
| Accessories                           | Modular mount compatible                                                                                                  | ■                             | ■                              | ■                               | ■                               |

## Thermal cameras

### ►DINION thermal 8100i



VGA  
thermal



VGA  
thermal



VGA  
thermal



VGA  
thermal

■ Available – Not available

| Commercial Type Number                |                                                                                                                           | NBT-8701-F06VF                 | NBT-8701-F14VF                  | NBT-8701-F25VF                  | NBT-8701-F42VF                  |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                           | ■                              | ■                               | ■                               | ■                               |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                           | ■                              | ■                               | ■                               | ■                               |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                             | -                              | -                               | -                               | -                               |
|                                       | IVA Pro Traffic (MVC-IVA-TRA)                                                                                             | ■                              | ■                               | ■                               | ■                               |
| Video Analytics available via license | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                | -                              | -                               | -                               | -                               |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                          | -                              | -                               | -                               | -                               |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                       | -                              | -                               | -                               | -                               |
|                                       | IVA Pro License Plate (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS) | -                              | -                               | -                               | -                               |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                 | -                              | -                               | -                               | -                               |
| Basic features                        | Maximum resolution                                                                                                        | VGA                            | VGA                             | VGA                             | VGA                             |
|                                       | Image sensor type                                                                                                         | Uncooled VOx microbolometer    | Uncooled VOx microbolometer     | Uncooled VOx microbolometer     | Uncooled VOx microbolometer     |
|                                       | Max. frames per second (fps)                                                                                              | 30fps                          | 30fps                           | 30fps                           | 30fps                           |
|                                       | Spectral range (µm)                                                                                                       | 8 µm - 14 µm                   | 8 µm - 14 µm                    | 8 µm - 14 µm                    | 8 µm - 14 µm                    |
|                                       | ONVIF conformant                                                                                                          | ■                              | ■                               | ■                               | ■                               |
|                                       | Built-in microphone                                                                                                       | -                              | -                               | -                               | -                               |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                 | -                              | -                               | -                               | -                               |
|                                       | Privacy masking                                                                                                           | ■                              | ■                               | ■                               | ■                               |
|                                       | Upright video mode                                                                                                        | ■                              | ■                               | ■                               | ■                               |
|                                       | Electronic Image Stabilization (EIS)                                                                                      | -                              | -                               | -                               | -                               |
| Bitrate management                    | Intelligent streaming                                                                                                     | ■                              | ■                               | ■                               | ■                               |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                       | ■                              | ■                               | ■                               | ■                               |
|                                       | Multi streaming                                                                                                           | 4 streams                      | 4 streams                       | 4 streams                       | 4 streams                       |
|                                       | Sensitivity                                                                                                               | < 30 mK at 25°C                | < 30 mK at 25°C                 | < 30 mK at 25°C                 | < 30 mK at 25°C                 |
| Lens                                  | Minimum illumination night mode (black / white)                                                                           | 0 lux                          | 0 lux                           | 0 lux                           | 0 lux                           |
|                                       | Detection range                                                                                                           | 77m (Person)<br>138m (Vehicle) | 194m (Person)<br>349m (Vehicle) | 353m (Person)<br>622m (Vehicle) | 586m (Person)<br>981m (Vehicle) |
|                                       | Lens type                                                                                                                 | Fixed focus, athermalized      | Fixed focus, athermalized       | Fixed focus, athermalized       | Fixed focus, athermalized       |
|                                       | Focal length                                                                                                              | 6mm                            | 14mm                            | 25mm                            | 42mm                            |
| Storage                               | Horizontal Field of View (HFOV)                                                                                           | 70°                            | 31°                             | 17°                             | 10°                             |
|                                       | Industrial SD card support with health monitoring                                                                         | Dual microSD                   | Dual microSD                    | Dual microSD                    | Dual microSD                    |
| Connections                           | Alarm input / output                                                                                                      | ■                              | ■                               | ■                               | ■                               |
|                                       | Audio in / out                                                                                                            | ■                              | ■                               | ■                               | ■                               |
|                                       | Hybrid / public view monitor                                                                                              | -                              | -                               | -                               | -                               |
| Housing                               | Weather rating                                                                                                            | IP67                           | IP67                            | IP67                            | IP67                            |
|                                       | Vandal resistant                                                                                                          | IK10                           | IK10                            | IK10                            | IK10                            |
|                                       | Operating temperature                                                                                                     | -40 to 55°C (-40 to 131° F)    | -40 to 55°C (-40 to 131° F)     | -40 to 55°C (-40 to 131° F)     | -40 to 55°C (-40 to 131° F)     |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                       | PoE / 12V / 24V                | PoE / 12V / 24V                 | PoE / 12V / 24V                 | PoE / 12V / 24V                 |
| Accessories                           | Modular mount compatible                                                                                                  | ■                              | ■                               | ■                               | ■                               |

## Moving cameras PTZ

### ►AUTODOME IP starLight 5000i



30x zoom  
2MP



30x zoom  
2MP  
Inceiling

### ►AUTODOME IP starLight 5000i IR



30x zoom  
IR  
2MP

### ►AUTODOME IP starLight 5100i IR



HDR X  
30x zoom  
IR  
4MP

■ Available – Not available

| Commercial Type Number |                                                   | NDP-5522-Z30                | NDP-5522-Z30C               | NDP-5522-Z30L               | NDP-5533-Z30L               |
|------------------------|---------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics        | Essential Video Analytics                         | ■                           | ■                           | ■                           | ■                           |
| Basic features         | Maximum resolution                                | 2MP                         | 2MP                         | 2MP                         | 4MP                         |
|                        | Image sensor type                                 | 1/2.8"                      | 1/2.8"                      | 1/2.8"                      | 1/1.8"                      |
|                        | Max. frames per second (fps)                      | 60fps                       | 60fps                       | 60fps                       | 60fps                       |
|                        | High Dynamic Range (HDR)                          | 120dB                       | 120dB                       | 120dB                       | 133dB HDR X                 |
|                        | ONVIF conformant                                  | ■                           | ■                           | ■                           | ■                           |
| Advanced features      | Built-in microphone                               | -                           | -                           | -                           | -                           |
|                        | Motorized Pan / Tilt / Roll / Zoom (PTRZ)         | -                           | -                           | -                           | -                           |
|                        | Privacy masking                                   | ■                           | ■                           | ■                           | ■                           |
|                        | Upright video mode                                | -                           | -                           | -                           | -                           |
|                        | Electronic Image Stabilization (EIS)              | -                           | -                           | -                           | -                           |
| Bitrate management     | Intelligent streaming                             | -                           | -                           | -                           | -                           |
|                        | Compression (H.265 / H.264 & MJPEG)               | ■                           | ■                           | ■                           | ■                           |
|                        | Multi streaming                                   | 4 streams                   | 4 streams                   | 4 streams                   | 4 streams                   |
| Sensitivity            | Minimum illumination day mode (color)             | 0.0186 lux                  | 0.0186 lux                  | 0.0186 lux                  | 0.0101 lux                  |
|                        | Minimum illumination night mode (black / white)   | 0.004 lux                   | 0.004 lux                   | 0 lux (IR on)               | 0 lux (IR on)               |
|                        | Max. IR range                                     | -                           | -                           | 180m                        | 320m                        |
| Lens                   | PTZ zoom optical / digital                        | 30x / 16x                   | 30x / 16x                   | 30x / 16x                   | 30x / 16x                   |
|                        | Tilt angle                                        | -90° to +0°                 | -90° to +0°                 | -90° to +3°                 | -90° to +5°                 |
|                        | Focal length                                      | 4.5 - 135 mm                | 4.5 - 135 mm                | 4.5 - 135 mm                | 6.6 - 198 mm                |
|                        | Horizontal Field of View (HFOV)                   | 60.9° - 2.4°                | 60.9° - 2.4°                | 60.9° - 2.4°                | 58.5° - 2.1°                |
| Storage                | Industrial SD card support with health monitoring | ■                           | ■                           | ■                           | ■                           |
| Connections            | Alarm input / output                              | 2 / 1                       | 2 / 1                       | 2 / 1                       | 2 / 1                       |
|                        | Audio in / out                                    | ■                           | ■                           | ■                           | ■                           |
|                        | Hybrid / public view monitor                      | -                           | -                           | -                           | -                           |
| Housing                | Weather rating                                    | IP66                        | IP51                        | IP66                        | IP66                        |
|                        | Vandal resistant                                  | IK10                        | IK06                        | IK10                        | IK10                        |
|                        | Operating temperature                             | -40 to 60°C (-40 to 140° F) | -10 to 55°C (-14 to 131° F) | -40 to 60°C (-40 to 140° F) | -40 to 60°C (-40 to 140° F) |
| Power input            | Power over Ethernet / 12VDC / 24VAC               | PoE+ / 24VAC                | PoE+ / 24VAC                | PoE+ / 24VAC                | PoE+ / 24VAC                |
| Accessories            | Modular mount compatible                          | ■                           | ■                           | ■                           | ■                           |

## Moving cameras PTZ

### ►AUTODOME 7100i

### ►AUTODOME 7100i IR



■ Available – Not available

| Commercial Type Number                |                                                                                                                             | NDP-7802-Z40                | NDP-7802-Z40L               | NDP-7804-Z12L               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                           | ■                           | ■                           |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                           | ■                           | ■                           |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                           | ■                           | ■                           |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | -                           | -                           | -                           |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | ■                           | ■                           | ■                           |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | -                           | -                           | -                           |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | -                           | -                           | -                           |
|                                       | IVA Pro Intelligent Tracking (MVC-IVA-IT)                                                                                   | ■                           | ■                           | ■                           |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | -                           | -                           | -                           |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                         | 2MP                         | 8MP                         |
|                                       | Image sensor type                                                                                                           | 1/2.8"                      | 1/2.8"                      | 1"                          |
|                                       | Max. frames per second (fps)                                                                                                | 60fps                       | 60fps                       | 30fps                       |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                       | 120dB                       | N/A                         |
|                                       | ONVIF conformant                                                                                                            | ■                           | ■                           | ■                           |
|                                       | Built-in microphone                                                                                                         | -                           | -                           | -                           |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | -                           | -                           | -                           |
|                                       | Privacy masking                                                                                                             | ■                           | ■                           | ■                           |
|                                       | Upright video mode                                                                                                          | -                           | -                           | -                           |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                           | ■                           | ■                           |
| Bitrate management                    | Intelligent streaming                                                                                                       | ■                           | ■                           | ■                           |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                           | ■                           | ■                           |
|                                       | Multi streaming                                                                                                             | 4 streams                   | 4 streams                   | 4 streams                   |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.00067 lux                 | 0.00067 lux                 | 0.292 lux                   |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0010 lux                  | 0 lux (IR on)               | 0 lux (IR on)               |
|                                       | Max. IR range                                                                                                               | -                           | 300m                        | 200m                        |
| Lens                                  | PTZ zoom optical / digital                                                                                                  | 40x / 32x                   | 40x / 32x                   | 12x / 12x                   |
|                                       | Tilt angle                                                                                                                  | -90° to +20°                | -90° to +20°                | -90° to +20°                |
|                                       | Focal length                                                                                                                | 4.25 - 170mm                | 4.25 - 170mm                | 9.3 - 111.6mm               |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 66.35° - 1.9°               | 66.35° - 1.9°               | 64.6° - 6.1°                |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                           | ■                           | ■                           |
| Connections                           | Alarm input / output                                                                                                        | ■                           | ■                           | ■                           |
|                                       | Audio in / out                                                                                                              | ■                           | ■                           | ■                           |
|                                       | Hybrid / public view monitor                                                                                                | -                           | -                           | -                           |
| Housing                               | Weather rating                                                                                                              | IP66                        | IP66                        | IP66                        |
|                                       | Vandal resistant                                                                                                            | IK10                        | IK10                        | IK10                        |
|                                       | Operating temperature                                                                                                       | -40 to 60°C (-40 to 140° F) | -40 to 50°C (-40 to 122° F) | -40 to 50°C (-40 to 122° F) |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 36VDC / 24VAC         | PoE / 36VDC / 24VAC         | PoE / 36VDC / 24VAC         |
| Accessories                           | Modular mount compatible                                                                                                    | ■                           | ■                           | ■                           |

## Moving cameras PTZ

### ► MIC intex 7100i



30x zoom

2MP



30x zoom

2MP



12x zoom

8MP

■ Available – Not available

| Commercial Type Number                |                                                                                                                             | MIC-7602-Z30x          | MIC-7602-Z30xR         | MIC-7604-Z12xR         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------|
| Video Analytics (Pre-installed)       | IVA Pro Buildings (MVC-IVA-BLD)                                                                                             | ■                      | ■                      | ■                      |
|                                       | IVA Pro Perimeter (MVC-IVA-PER)                                                                                             | ■                      | ■                      | ■                      |
|                                       | IVA Pro Privacy (MVC-IVA-PRI)                                                                                               | ■                      | ■                      | ■                      |
| Video Analytics available via license | IVA Pro Traffic (MVC-IVA-TRA)                                                                                               | ■                      | ■                      | ■                      |
|                                       | IVA Pro Visual Gun Detection (MVC-IVA-VGD)                                                                                  | -                      | -                      | -                      |
|                                       | IVA Pro Appearance (MVC-IVA-APC)                                                                                            | -                      | -                      | -                      |
|                                       | IVA Pro Personal Protective Equipment (MVC-IVA-PPE)                                                                         | -                      | -                      | -                      |
|                                       | IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Goods Good Signs (MVC-IVA-DGS) | -                      | -                      | -                      |
|                                       | IVA Pro Intelligent Tracking (MVC-IVA-IT)                                                                                   | ■                      | ■                      | ■                      |
|                                       | Intelligent Audio Analytics (MVC-IAA-GUN)                                                                                   | -                      | -                      | -                      |
| Basic features                        | Maximum resolution                                                                                                          | 2MP                    | 2MP                    | 8MP                    |
|                                       | Image sensor type                                                                                                           | 1/2"                   | 1/2"                   | 1"                     |
|                                       | Max. frames per second (fps)                                                                                                | 30fps                  | 30fps                  | 30fps                  |
|                                       | High Dynamic Range (HDR)                                                                                                    | 120dB                  | 120dB                  | 62dB                   |
|                                       | ONVIF conformant                                                                                                            | ■                      | ■                      | ■                      |
|                                       | Built-in microphone                                                                                                         | -                      | -                      | -                      |
| Advanced features                     | Motorized Pan / Tilt / Roll / Zoom (PTRZ)                                                                                   | -                      | -                      | -                      |
|                                       | Privacy masking                                                                                                             | ■                      | ■                      | ■                      |
|                                       | Upright video mode                                                                                                          | -                      | -                      | -                      |
|                                       | Electronic Image Stabilization (EIS)                                                                                        | ■                      | ■                      | ■                      |
| Bitrate management                    | Intelligent streaming                                                                                                       | -                      | -                      | -                      |
|                                       | Compression (H.265 / H.264 & MJPEG)                                                                                         | ■                      | ■                      | ■                      |
|                                       | Multi streaming                                                                                                             | 3 streams              | 3 streams              | 3 streams              |
| Sensitivity                           | Minimum illumination day mode (color)                                                                                       | 0.0047 lux             | 0.0047 lux             | 0.0292 lux             |
|                                       | Minimum illumination night mode (black / white)                                                                             | 0.0013 lux             | 0.0013 lux             | 0.0110 lux             |
|                                       | Max. IR range                                                                                                               | 550 m (optional)       | 550 m (optional)       | 300 m (optional)       |
| Lens                                  | PTZ zoom optical / digital                                                                                                  | 30x / 12x              | 30x / 12x              | 12x / 12x              |
|                                       | Tilt angle                                                                                                                  | -95° - +55° (inverted) | -95° - +55° (inverted) | -95° - +55° (inverted) |
|                                       | Focal length                                                                                                                | 6.6 - 198 mm           | 6.6 - 198 mm           | 9.3 - 111.6 mm         |
|                                       | Horizontal Field of View (HFOV)                                                                                             | 58.3° - 2.1°           | 58.3° - 2.1°           | 64.6° - 6.1°           |
| Storage                               | Industrial SD card support with health monitoring                                                                           | ■                      | ■                      | ■                      |
| Connections                           | Alarm input / output                                                                                                        | ■                      | ■                      | ■                      |
|                                       | Audio in / out                                                                                                              | ■                      | ■                      | ■                      |
|                                       | Hybrid / public view monitor                                                                                                | -                      | -                      | -                      |
| Housing                               | Weather rating                                                                                                              | IP68                   | IP68                   | IP68                   |
|                                       | Vandal resistant                                                                                                            | IK10                   | IK10                   | IK10                   |
|                                       | Operating temperature                                                                                                       | -40 to 65°C            | -40 to 65°C            | -40 to 65°C            |
| Power input                           | Power over Ethernet / 12VDC / 24VAC                                                                                         | PoE / 24V              | PoE / 24V              | PoE / 24V              |
| Accessories                           | Modular mount compatible                                                                                                    | ■                      | ■                      | ■                      |

\* Restricted product, contact your Bosch representative

## Moving cameras PTZ

### ►MIC IP starlight 7100i



2MP



### ►MIC IP ultra 7100i


2MP  
Enhanced  
version

### ►MIC IP fusion 9000i


8MP  
Enhanced  
version

2MP

■ Available – Not available

| Commercial Type Number |                                                                       | MIC-7522-Z30x                                                                            | MIC-7522-Z30xR                                                         | MIC-7505-Z12xR                                                         | MIC-9502-Z30xxx                                                                                              |
|------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Video Analytics        | Intelligent Video Analytics (including standard Intelligent Tracking) | ■                                                                                        | ■                                                                      | ■                                                                      | ■ (Thermal and Optical)                                                                                      |
| Bitrate management     | Intelligent Dynamic Noise Reduction                                   | ■                                                                                        | ■                                                                      | ■                                                                      | ■                                                                                                            |
|                        | Intelligent streaming                                                 | ■                                                                                        | ■                                                                      | ■                                                                      | ■                                                                                                            |
|                        | Compression (H.265 / H.264 & MJPEG) / multi-streaming                 | ■/■/4 streams                                                                            | ■/■/4 streams                                                          | ■/■/4 streams                                                          | ■/4 streams (optical + thermal)                                                                              |
| Basic features         | Maximum resolution                                                    | HD 1080p                                                                                 | HD 1080p                                                               | 4K UHD                                                                 | HD 1080p (optical) / 320/640 pixel (thermal)                                                                 |
|                        | Image sensor type                                                     | 1/2"                                                                                     | 1/2"                                                                   | 1"                                                                     | 1/2 8" CMPS (optical) / Un-cooled microbolometer (thermal)                                                   |
|                        | Max. frames per second (fps)                                          | 60 fps@ 1080p                                                                            | 60 fps@ 1080p                                                          | 30 fps@ UHD                                                            | 60 fps@1080p (optical) <9/30 fps w/640 pixel (thermal) <9/60 fps w/320 pixel (thermal)                       |
|                        | Indoor / outdoor                                                      | -/■                                                                                      | -/■                                                                    | -/■                                                                    | -/■                                                                                                          |
|                        | Day / night                                                           | ■                                                                                        | ■                                                                      | ■                                                                      | ■ (optical)                                                                                                  |
|                        | Wide Dynamic Range (WDR)                                              | 120dB                                                                                    | 120dB                                                                  | 62dB                                                                   | 120dB                                                                                                        |
|                        | ONVIF conformant                                                      | ■                                                                                        | ■                                                                      | ■                                                                      | ■                                                                                                            |
|                        | Intelligent Auto Exposure / Intelligent Defog                         | -/■                                                                                      | -/■                                                                    | -/■                                                                    | -/■                                                                                                          |
|                        | Privacy masking                                                       | ■                                                                                        | ■                                                                      | ■                                                                      | ■                                                                                                            |
|                        | Nbr of presets/guard tours                                            | 256/2                                                                                    | 256/2                                                                  | 265/2                                                                  | 256/2                                                                                                        |
| Advanced features      | Wiper / Built in window defroster                                     | ■/-                                                                                      | ■/■                                                                    | ■/■                                                                    | ■                                                                                                            |
|                        | Intelligent Tracking                                                  | ■                                                                                        | ■                                                                      | ■                                                                      | ■                                                                                                            |
|                        | Tamper detection / Video motion detection                             | ■/■                                                                                      | ■/■                                                                    | ■/■                                                                    | ■/■                                                                                                          |
|                        | PTZ Intelligent Tracking                                              | ■                                                                                        | ■                                                                      | ■                                                                      | ■                                                                                                            |
| Alarm triggering       | Minimum illumination day mode (color)                                 | 0.0047 lux                                                                               | 0.0047 lux                                                             | 0.292 lux                                                              | 0.0077 lux (optical) N.A. (thermal)                                                                          |
|                        | Minimum illumination night mode (black / white)                       | 0.0013 lux                                                                               | 0.0013 lux                                                             | 0.0110 lux                                                             | 0.0008 lux (optical) 0 lux (thermal)                                                                         |
|                        | Night vision                                                          | ■ (optional illuminator)                                                                 | ■ (optional illuminator)                                               | ■ (optional illuminator)                                               | ■ (thermal)                                                                                                  |
|                        | Max. range at night                                                   | 550 m (1804 ft)                                                                          | 550 m (1804 ft)                                                        | 300 m (984 ft)                                                         | 300 m (971 ft) (optical), 1540 m (5050 ft) w/320 pixel (thermal), 3550 m (11,600 ft) w/640 pixel (thermal)   |
| Lens                   | Focal length                                                          | 6.6 - 198 mm                                                                             | 6.6 - 198 mm                                                           | 9.3 - 111.6 mm                                                         | 4.3 - 129 mm (optical), 9 mm w/640 pixel (thermal), 19 mm w/320 pixel (thermal), 50 mm w/640 pixel (thermal) |
|                        | Horizontal Angle of View (HAoV)                                       | 2.1° to 58.3°                                                                            | 2.1° to 58.3°                                                          | 6.1° to 64.6°                                                          | 2.3° to 63.7° (optical) 16° w/320 pixel, 12.4° w/50 mm 640 pixel thermal 70° w / 9 mm 640 pixel thermal      |
|                        | PTZ Zoom optical/digital                                              | 30x / 12x                                                                                | 30x / 12x                                                              | 12x / 12x                                                              | 30x / 12x                                                                                                    |
|                        | Tilt angle                                                            | -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)                   | -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted) | -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted) | -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)                                       |
|                        | DORI distances                                                        | Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard) | wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/210-689  | wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/210-689  | wide 108-355/43-142/22-71/11-36 tele 154-504/61-202/31-101/15-50                                             |
| Storage                | Memory card slot                                                      | -                                                                                        | ■ (up to 2TB)                                                          | ■ (up to 2TB)                                                          | ■ internal EMMC memory 16GB                                                                                  |
|                        | Cloud application storage                                             | Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting                                | Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting              | Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting              | Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting                                                    |
| Connections            | Alarm input / output                                                  | 5/3 (with MIC-ALM-WAS-24)                                                                | 5/3 (with MIC-ALM-WAS-24)                                              | 5/3 (with MIC-ALM-WAS-24)                                              | 5/3 (with MIC-ALM-WAS-24)                                                                                    |
|                        | Audio in / out                                                        | ■                                                                                        | ■                                                                      | ■                                                                      | ■/■                                                                                                          |
|                        | Hybrid / public view monitor                                          | ■ (with external decoder)/-                                                              | ■ (with external decoder)/-                                            | ■ (with external decoder)/-                                            | -                                                                                                            |
| Housing                | Weather rating                                                        | IP68                                                                                     | IP68                                                                   | IP68                                                                   | IP68                                                                                                         |
|                        | Vandal resistant                                                      | IK10                                                                                     | IK10                                                                   | IK10                                                                   | IK10                                                                                                         |
|                        | Operating temperature                                                 | -40° to +65°C (-40° to +149° F)                                                          | -40° to +65°C (-40° to +149° F)                                        | -40° to +65°C (-40° to +149° F)                                        | -40° to 65°C (-40° to 149° F)                                                                                |
| Power input            | Power over Ethernet / 12VDC / 24VAC                                   | ■ HiPoE /-/■                                                                             | ■ HiPoE /-/■                                                           | ■ HiPoE /-/■                                                           | ■ (HiPoE)/-/■                                                                                                |

## All-in-one video recording and management

### All-in-one solution

#### ►DIVAR IP all-in-one 4000



#### ►DIVAR IP all-in-one 6000



#### ►DIVAR IP all-in-one 7000 2U



#### ►DIVAR IP all-in-one 7000 3U



■ Available – Not available

| Commercial Type Number |                                | DIP-442xxx-xxx                                              | DIP-644x-xxx                                                | DIP-74Cx-xxx                                                | DIP-74Gx-xxx                                                |
|------------------------|--------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Basic functions        | Max. system size (channels)    | 32                                                          | 64                                                          | 256                                                         | 256                                                         |
|                        | Embedded video management      | ■                                                           | ■                                                           | ■                                                           | ■                                                           |
|                        | RAID Level                     | –                                                           | RAID-5, RAID-6                                              | RAID-5, RAID-6                                              | RAID-5, RAID-6                                              |
|                        | Operating system drive         | On separate SSD                                             | On separate SSD                                             | On separate redundant SSD                                   | On separate redundant SSD                                   |
|                        | Supported resolutions          | CIF/2CIF/4CIF/720p/1080p/5MP/UHD                            | CIF/2CIF/4CIF/720p/1080p/5MP/UHD                            | CIF/2CIF/4CIF/720p/1080p/5MP/UHD                            | CIF/2CIF/4CIF/720p/1080p/5MP/UHD                            |
|                        | Video compression              | H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG                     | H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG                     | H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG                     | H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG                     |
|                        | Transcoding                    | ■                                                           | ■                                                           | ■                                                           | ■                                                           |
|                        | ONVIF                          | ■                                                           | ■                                                           | ■                                                           | ■                                                           |
| Mechanical             | Form factor                    | 2-bay Mini-Tower                                            | 1U 19-inch Rack Mount                                       | 2U 19-inch Rack Mount                                       | 3U 19-inch Rack Mount                                       |
|                        | Network connections (LAN)      | 2x Gigabit Ethernet                                         | 2x Gigabit Ethernet, 1x 1 Gbps (Mgmt)                       | 2x Gigabit Ethernet, 1x 1 Gbps (Mgmt)                       | 2x Gigabit Ethernet, 1x 1 Gbps (Mgmt)                       |
|                        | USB ports                      | 2x USB2.0, 4x USB3.2 Gen2                                   | 2x USB2.0, 4x USB3.2 Gen2                                   | 4x USB3.2 Gen1                                              | 4x USB3.2 Gen1                                              |
|                        | Number of power supplies       | 1                                                           | 1                                                           | 2                                                           | 2                                                           |
|                        | Power supplies hot swappable   | –                                                           | –                                                           | ■                                                           | ■                                                           |
| Video output           | Connector type                 | 1 HDMI2.0, 1 HDMI1.4, 1 DP 1.2                              | 2x DP 1.2, 1x DVI-D                                         | 2 x HDMI2.0                                                 | 2 x HDMI2.0                                                 |
|                        | Monitor output                 | 3                                                           | 3                                                           | 2                                                           | 2                                                           |
| Audio                  | In / out channels              | 32                                                          | 64                                                          | 256                                                         | 256                                                         |
|                        | Compression type               | G.711, G.726, ACC                                           | G.711, G.726, ACC                                           | G.711, G.726, ACC                                           | G.711, G.726, ACC                                           |
|                        | Synchronous audio              | ■                                                           | ■                                                           | ■                                                           | ■                                                           |
| Recording              | Video Recording Manager (VRM)  | ■                                                           | ■                                                           | ■                                                           | ■                                                           |
|                        | Schedule recording modes       | ■                                                           | ■                                                           | ■                                                           | ■                                                           |
| Storage options        | Max. drives supported          | 2                                                           | 4                                                           | 12                                                          | 16                                                          |
|                        | Available capacities per drive | 4, 8 or 18TB                                                | 4, 8 or 18TB                                                | 4, 8 or 18TB                                                | 4, 8 or 18TB                                                |
|                        | Base system capacity TB        | 0, 8, 16 or 36TB                                            | 0, 16, 32 or 72TB                                           | 0, 32, 64, 144 or 216TB                                     | 0, 288TB                                                    |
|                        | Max. Base system capacity TB   | 36TB                                                        | 72TB                                                        | 216TB                                                       | 288TB                                                       |
|                        | Full system capacity TB        | 108TB                                                       | 360TB                                                       | 1368TB                                                      | 1440TB                                                      |
|                        | Extensible / external support  | iSCSI                                                       | iSCSI                                                       | iSCSI                                                       | iSCSI                                                       |
| Storage extensions     | Max. number of units           | 2x DIVAR IP all-in-one 4000 configured as storage extension | 4x DIVAR IP all-in-one 6000 configured as storage extension | 4x DIVAR IP all-in-one 7000 configured as storage extension | 4x DIVAR IP all-in-one 7000 configured as storage extension |
|                        | Maximum drives supported       | 2                                                           | 4                                                           | 12                                                          | 16                                                          |
|                        | Available capacities per drive | 4, 8 or 18TB                                                | 4, 8 or 18TB                                                | 4, 8 or 18TB                                                | 4, 8 or 18TB                                                |
|                        | Hot swappable                  | –                                                           | ■                                                           | ■                                                           | ■                                                           |
| Export/back-up of data | Data format                    | native, MOV, MP4                                            | native, MOV, MP4                                            | native, MOV, MP4                                            | native, MOV, MP4                                            |
|                        | Built-in DVD writer            | –                                                           | –                                                           | –                                                           | –                                                           |
|                        | Supported devices              | External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI             | External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI             | External CD/DVD Writer, USB 3.0, iSCSI                      | External CD/DVD Writer, USB 3.0, iSCSI                      |
|                        | Back-up mode                   | Manual or Automatic                                         | Manual or Automatic                                         | Manual or Automatic                                         | Manual or Automatic                                         |

## All-in-one video recording and management

### All-in-one solution

►DIVAR IP all-in-one 4000



►DIVAR IP all-in-one 6000



►DIVAR IP all-in-one 7000 2U



►DIVAR IP all-in-one 7000 3U



■ Available – Not available

| Commercial Type Number                  |                                      | DIP-442xxx-xxx                                | DIP-644x-xxx                                  | DIP-74Cx-xxx                                 | DIP-74Gx-xxx                                 |
|-----------------------------------------|--------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------|----------------------------------------------|
| Redundancy                              | Power supply redundancy              | –                                             | –                                             | ■                                            | ■                                            |
|                                         | Hot swappable HDD                    | –                                             | ■                                             | ■                                            | ■                                            |
|                                         | Teamed Ethernet Network ports        | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | Redundant operating system drive     | –                                             | –                                             | ■                                            | ■                                            |
| Software options                        | PTZ control                          | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | CCTV keyboard support                | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | Admin control                        | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | Export options                       | ■                                             | ■                                             | ■                                            | ■                                            |
| Remote access                           | Mobile device (smart phone / tablet) | ■ Video security app                          | ■ Video security app                          | ■ Video security app                         | ■ Video security app                         |
|                                         | Network                              | 10/100/1000 Ethernet                          | 10/100/1000 Ethernet                          | 10/100/1000 Ethernet                         | 10/100/1000 Ethernet                         |
|                                         | Web browser access                   | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | Simultaneous accessible users        | 4                                             | 4                                             | 4                                            | 4                                            |
| Advanced features support               | Forensic search support (metadata)   | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | Webclient                            | ■                                             | ■                                             | ■                                            | ■                                            |
| Supported software                      | Bosch Video Management System        | ■ (v11.1.1 or newer)                          | ■ (v11.1.1 or newer)                          | ■ (v12.1.0 or newer)                         | ■ (v12.1.0 or newer)                         |
|                                         | 3 <sup>rd</sup> Party software       | –                                             | –                                             | –                                            | –                                            |
| 3 <sup>rd</sup> party integration tools | ATM/POS integration                  | ■                                             | ■                                             | ■                                            | ■                                            |
|                                         | Operating System                     | Windows Server IoT 2022 for Storage Workgroup | Windows Server IoT 2022 for Storage Workgroup | Windows Server IoT 2022 for Storage Standard | Windows Server IoT 2022 for Storage Standard |

## Storage solutions

### Network Video Recorder

#### ► DSA E-Series



■ Available – Not available

| Commercial Type Number |                                       | DSA-N6xxx-xxxx                                      |
|------------------------|---------------------------------------|-----------------------------------------------------|
| Basic functions        | Max. system size (channels)           | 800                                                 |
|                        | Integrated video management           | —                                                   |
|                        | RAID Level                            | RAID-5/RAID-6/DDP                                   |
|                        | Supported resolutions                 | CIF/2CIF/4CIF/720p/1080p/5MP                        |
|                        | Video compression                     | H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG             |
|                        | Transcoding                           | —                                                   |
|                        | ONVIF                                 | ■                                                   |
| Mechanical             | Form factor                           | 2U/4U 19-inch Rack Mount                            |
|                        | Network connections (LAN)             | 2x Gigabit Ethernet/ 2x 10 Gigabit Ethernet         |
|                        | USB ports                             | —                                                   |
|                        | Number of power supplies              | 2                                                   |
|                        | Power supplies hot swappable          | ■                                                   |
| Video output           | Connector type                        | —                                                   |
|                        | Monitor output                        | —                                                   |
| Audio                  | In / out channels                     | 800 (audio playback via remote station only)        |
|                        | Compression type                      | G.726                                               |
|                        | Synchronous audio                     | ■                                                   |
|                        | Associate multiple cameras to 1 Audio | ■                                                   |
| Recording              | Video Recording Manager (VRM)         | —                                                   |
|                        | Schedule recording modes              | ■                                                   |
| Storage options        | Max. drives supported                 | 12/60                                               |
|                        | Available capacities per drive        | 4, 8 or 12TB                                        |
|                        | Base system capacity TB               | —                                                   |
|                        | Max. Base system capacity TB          | 12 bay: 48/96/144TB<br>60 bay: 240/480/720TB        |
|                        | Full system capacity TB               | 12 bay: 384/ 768/ 1152TB<br>60 bay: 720/1440/2160TB |
|                        | Extensible / external support         | 6Gb/s SAS (Copper)                                  |
|                        |                                       |                                                     |
| Storage extentions     | Max. number of units                  | 12 bay: 7 / 60 bay: 3                               |
|                        | Maximum drives supported              | 12/60                                               |
|                        | Available capacities per drive        | 4, 8 or 12TB                                        |
|                        | Hot swappable                         | ■                                                   |
| Export/back-up of data | Data format                           | WMF, Bosch ASF                                      |
|                        | Built-in DVD writer                   | —                                                   |
|                        | Supported devices                     | External CD/DVD Writer, USB 2.0, iSCSI              |
|                        | Back-up mode                          | manual or automatic                                 |
| Redundancy             | Power supply redundancy               | ■                                                   |
|                        | Hot swappable HDD                     | ■                                                   |

Table continued on the next page

## Storage solutions

### Network Video Recorder

#### ► DSA E-Series



■ Available – Not available

| Commercial Type Number                  |                                      | DSA-N6xxxx-xxxx        |
|-----------------------------------------|--------------------------------------|------------------------|
| Redundancy                              | Power supply redundancy              | –                      |
|                                         | Hot swappable HDD                    | –                      |
| Software options                        | PTZ control                          | –                      |
|                                         | CCTV keyboard support                | –                      |
|                                         | Admin control                        | –                      |
|                                         | Export options                       | –                      |
| Remote access                           | Mobile device (smart phone / tablet) | –                      |
|                                         | Network                              | 2x 10 Gigabit Ethernet |
|                                         | Web browser access                   | –                      |
|                                         | Simultaneous accessible users        | –                      |
| Advanced features support               | Forensic search support (metadata)   | –                      |
|                                         | Webclient                            | ■                      |
| Supported software                      | Bosch Video Client                   | –                      |
|                                         | Bosch Video Management System        | –                      |
|                                         | 3 <sup>rd</sup> Party software       | –                      |
| 3 <sup>rd</sup> party integration tools | Optional ATM/POS integration         | –                      |

## Video software

### ►Video Management System

|                             |                                                                |  |  |  |  |  |  |  |
|-----------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ■ Available – Not available |                                                                |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Name                        |                                                                | BVMS Viewer                                                                       | BVMS Lite                                                                          | DIVAR IP all-in-one 4000                                                            | DIVAR IP all-in-one 6000                                                            | DIVAR IP all-in-one 7000                                                            | BVMS Plus                                                                           | BVMS Professional                                                                   |
| System features             | Included cameras (max cameras)                                 | 16 (500)                                                                          | 8 (42)                                                                             | 8 (32)                                                                              | 8 (64)                                                                              | 8 (256)                                                                             | 8 (256)                                                                             | 8 (2,000)                                                                           |
|                             | Maximum number of workstations                                 | 1 (1)                                                                             | 2 (5)                                                                              | 2 (5)                                                                               | 2 (20)                                                                              | 2 (20)                                                                              | 5 (20)                                                                              | 5 (100)                                                                             |
|                             | Maximum number of BVMS subsystems                              | –                                                                                 | –                                                                                  | –                                                                                   | 0 (20)                                                                              | 0 (20)                                                                              | 0 (20)                                                                              | 0 (100)                                                                             |
|                             | Maximum number of Bosch VRM servers                            | 32 <sup>1</sup>                                                                   | 2                                                                                  | 2                                                                                   | 2                                                                                   | 2                                                                                   | 2                                                                                   | 125                                                                                 |
|                             | Maximum storage capacity                                       | n.a.                                                                              | 2 x 4 PB                                                                           | 3 x 36 TB                                                                           | 5 x 72 TB                                                                           | 5 x 192 TB                                                                          | 2 x 4 PB                                                                            | 125 x 4 PB                                                                          |
|                             | Forensic search                                                | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | DVR support                                                    | 5 (32)                                                                            | 1 (10)                                                                             | 1 (10)                                                                              | 1 (10)                                                                              | 1 (10)                                                                              | 1 (10)                                                                              | 1 (50)                                                                              |
|                             | Events and alarms                                              | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Streamlining                                                   | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | GPU decoding                                                   | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Remote access                                                  | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Dynamic transcoding                                            | ■                                                                                 | ■ <sup>2</sup>                                                                     | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■ <sup>2</sup>                                                                      | ■ <sup>2</sup>                                                                      |
|                             | Web client                                                     | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Keyboard support                                               | 1 (1)                                                                             | 2 (5)                                                                              | 2 (5)                                                                               | 2 (10)                                                                              | 2 (10)                                                                              | 5 (10)                                                                              | 5 (100)                                                                             |
|                             | Offline map functionality                                      | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Online map functionality                                       | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Map-based tracking assistant                                   | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Audio support                                                  | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Decoder support                                                | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | BVMS Config Wizard                                             | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Live & Playback sites                                          | 16 (9999)                                                                         | –                                                                                  | –                                                                                   | 0 (20)                                                                              | 0 (20)                                                                              | 1 (20)                                                                              | 1 (9999)                                                                            |
| Supported camera devices    | Bosch panoramic cameras                                        | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Bosch UHD cameras                                              | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Bosch HD cameras                                               | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Bosch SD / VGA cameras                                         | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Third party ONVIF Profile S cameras                            | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Bosch H.265 cameras                                            | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
| Redundancy                  | Automatic Network Replenishment (ANR)                          | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | VMware® vSphere / Microsoft Hyper-V Virtualization support     | –                                                                                 | ■                                                                                  | –                                                                                   | –                                                                                   | –                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | VMware® vSphere High Availability support                      | –                                                                                 | ■                                                                                  | –                                                                                   | –                                                                                   | –                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Microsoft Hyper-V Failover Cluster and Hyper-V Replica support | –                                                                                 | ■                                                                                  | –                                                                                   | –                                                                                   | –                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Failover VRM                                                   | –                                                                                 | 8 (42)                                                                             | 0 (32)                                                                              | 0 (64)                                                                              | 0 (256)                                                                             | 8 (256)                                                                             | 8 (2000)                                                                            |
|                             | Dual Recording                                                 | –                                                                                 | 8 (42)                                                                             | 0 (32)                                                                              | 0 (64)                                                                              | 0 (256)                                                                             | 8 (256)                                                                             | 8 (2000)                                                                            |
| Alarm management            | Logbook                                                        | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Events and alarms                                              | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Email notification                                             | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Alarm-based recording                                          | n.a.                                                                              | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Motion recording                                               | n.a.                                                                              | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Video Analytics events                                         | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | SNMP support                                                   | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Workflow with instructions on alarm                            | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
| Integration                 | Maximum number of Bosch B/G Series intrusion panels            | –                                                                                 | 1 (5)                                                                              | 1 (5)                                                                               | 1 (10)                                                                              | 1 (10)                                                                              | 1 (10)                                                                              | 1 (40)                                                                              |
|                             | Access Management System                                       | –                                                                                 | 5                                                                                  | 5                                                                                   | 5                                                                                   | 5                                                                                   | 5                                                                                   | 5                                                                                   |
|                             | I/O module support                                             | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Active directory                                               | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | ATM-POS support                                                | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | Additional data                                                | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |
|                             | License plate recognition                                      | –                                                                                 | 0 (5)                                                                              | 0 (5)                                                                               | 0 (10)                                                                              | 0 (10)                                                                              | 0 (10)                                                                              | 0 (50)                                                                              |
|                             | Software Development Kit (SDK)                                 | –                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   | ■                                                                                   |

<sup>1</sup> limited · <sup>2</sup> additional hardware required

## Video software

### ►Video Security App

### ►Video Security Client



■ Available – Not available

| Name                       |                                    | Video Security App           | Video Security Client        |
|----------------------------|------------------------------------|------------------------------|------------------------------|
|                            | No. of channels                    | 256 per site*                | 256 per site*                |
|                            | Usage situation                    | Mobile                       | PC and Mobile                |
|                            | Workstation OS support             | iOS, Android                 | Win10/11                     |
|                            | Software based Video IP Platform   | ■                            | ■                            |
|                            | Dynamic Transcoding                | ■                            | ■                            |
| Key technologies supported | Video analytics                    | ■                            | ■                            |
|                            | Client side dewarping (panoramic)  | ■                            | ■                            |
|                            | 4K UHD                             |                              | ■                            |
|                            | starlight                          |                              |                              |
| Encoding                   | H.264/HEVC/H.265                   | ■/■/■                        | ■/■/■                        |
|                            | MPEG-4                             | ■                            | ■                            |
|                            | 3rd party camera support           | ■ (with VSG)                 | ■ (with VSG)                 |
| Viewing                    | Multi-monitor support              | –                            | –                            |
|                            | 16:9 monitor support               | n/a                          | ■                            |
|                            | Viewing frequency                  | –                            | –                            |
|                            | Dynamic cameo scaling              | ■                            | ■                            |
| Alarm Management           | User management                    | –                            | –                            |
|                            | Digital I/O alarms                 | –                            | –                            |
|                            | System event alarms                | –                            | –                            |
|                            | Motion alarms                      | ■ (service license required) | ■ (service license required) |
|                            | Event response and command scripts | –                            | –                            |
|                            | Video analytics alarms             | ■ (service license required) | ■ (service license required) |
|                            | Video analytics forensic search    | ■ (Simple search)            | ■ (Simple search)            |
|                            | Audio                              | –                            | –                            |
|                            | Compound events                    | –                            | –                            |
|                            | Scheduled dependent alarming       | –                            | –                            |
|                            | Event allocation to user groups    | –                            | –                            |
| Control                    | AUTODOME Intelligent Tracking      | ■                            | ■                            |
|                            | PTZ                                | ■                            | ■                            |
|                            | IntuiKey                           | –                            | –                            |
|                            | Virtual matrix                     | –                            | –                            |
| Storage                    | @edge camera support               | ■                            | ■                            |
|                            | iSCSI                              | ■                            | ■                            |
|                            | NVR support                        | –                            | –                            |
|                            | VRM                                | ■                            | ■                            |
|                            | Video analytics metadata           | ■                            | ■                            |
|                            | Support redundant storage          | –                            | –                            |
| Integration                | DIVAR IP/BVMS Support              | ■                            | ■                            |
|                            | BRS                                | –                            | –                            |
|                            | DxR 400 / 600 / 700                | –                            | –                            |
|                            | Virtual inputs                     | –                            | –                            |
|                            | Remote portal                      | ■                            | ■                            |

\* <=64 recommended for WAN connections

Video software

►VideoView+ for cameras

►VideoView+ for DIVAR IP



■ Available – Not available

| Name |                                      | VideoView+ for cameras                                                                                                                       | VideoView+ for DIVAR IP                                                                                   |
|------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|      | Cloud access to video                | ■                                                                                                                                            | ■                                                                                                         |
|      | User Access Management               | ■                                                                                                                                            | ■                                                                                                         |
|      | Live view                            | ■                                                                                                                                            | ■                                                                                                         |
|      | Playback of recordings               | Edge based (SD card) & local (e.g. VRM, iSCSI) recordings<br>*only bell symbols available in timeline to navigate to desired replay position | BVMS-based recordings<br>*timeline with thumbnail images for easier navigation to desired replay position |
|      | Local export of recording clips      | ■<br>in VSC* (Windows)                                                                                                                       | ■<br>in VSC* (Windows)                                                                                    |
|      | Forensic search                      | ■                                                                                                                                            | ■                                                                                                         |
|      | Site selection                       | ■                                                                                                                                            | ■                                                                                                         |
|      | Push notification (events)           | ■                                                                                                                                            | ■                                                                                                         |
|      | 10 second event clip cloud recording | 30 days retention time                                                                                                                       | No                                                                                                        |
|      | Transcoding                          | No                                                                                                                                           | HW Dynamic transcoding                                                                                    |
|      | Third-party cameras support          | No                                                                                                                                           | ■<br>via connection to VSG**                                                                              |

Decoders

►VIDEOJET decoder 7000



■ Available – Not available

| Commercial Type Number |                         | VJD-7533                                       |
|------------------------|-------------------------|------------------------------------------------|
| Video/Audio            | Description             | High performance H.265 UHD decoder             |
|                        | Monitor Outputs         | 2x HDMI 2.0a<br>2x DisplayPort 1.2 (via USB-C) |
|                        | Video Codec             | H.265, H.264,<br>MPEG-4                        |
|                        | Audio out               | via HDMI only                                  |
|                        | Transcoding at the edge | –                                              |
| Interfaces             | Alarm In                | –                                              |
|                        | Relay Out               | –                                              |
|                        | ONVIF conformant        | –                                              |
| Other                  | Keyboard                | supported for IP Matrix                        |
|                        | IP Matrix               | ■                                              |

\* at 25°C with a single HD monitor connected

## LED monitors

### ►High Definition



■ Available – Not available

| Commercial Type Number |                                 | UML-245-90   | UML-275-90   | UML-274-90   | UML-324-90 | UML-434-90 | UML-554-90 |
|------------------------|---------------------------------|--------------|--------------|--------------|------------|------------|------------|
| Display                | Type                            | 23.8" LED    | 27" LED      | 27" LED      | 32" LED    | 43" LED    | 55" LED    |
|                        | Max Pixel Resolution            | 1920x1080    | 3840x2160    | 1920x1080    | 1920x1080  | 1920x1080  | 3840x2160  |
|                        | Aspect Ratio                    | 16:9         | 16:9         | 16:9         | 16:9       | 16:9       | 16:9       |
|                        | Brightness (cd/m <sup>2</sup> ) | 250          | 300          | 350          | 500        | 400        | 450        |
|                        | Contrast Ratio                  | 1000:1       | 1000:1       | 3000:1       | 3000:1     | 3000:1     | 4000:1     |
|                        | Backlight                       | 30,000 hrs   | 30,000 hrs   | 30,000 hrs   | 50,000 hrs | 50,000 hrs | 50,000 hrs |
|                        | Viewing Angle (HxV)             | 178x178      | 178x178      | 178x178      | 178x178    | 178x178    | 178x178    |
| Connectors             | Composite Video (BNC)           | –            | –            | –            | –          | –          | –          |
|                        | VGA                             | –            | –            | ■            | ■          | ■          | ■          |
|                        | DVI-D                           | –            | –            | ■            | ■          | ■          | ■          |
|                        | HDMI                            | ■            | ■            | ■            | ■          | ■          | ■          |
|                        | Display Port                    | ■            | ■            | ■            | ■          | ■          | ■          |
| Audio                  | Input                           | –            | –            | ■            | ■          | ■          | ■          |
|                        | Speaker                         | ■            | ■            | ■            | ■          | ■          | ■          |
| Mechanical             | Width                           | 541 mm       | 615.1 mm     | 633.6 mm     | 737.9 mm   | 978.3 mm   | 1253.8 mm  |
|                        | Height                          | 387.3 mm     | 428.4 mm     | 371.8 mm     | 431.5 mm   | 568.8 mm   | 722.6 mm   |
|                        | Depth                           | 219.7 mm     | 219.7 mm     | 64.8 mm      | 71.5 mm    | 74.7 mm    | 74.1 mm    |
|                        | Weight                          | 3.5 kg       | 4.0 kg       | 6.8 kg       | 11.6 kg    | 18.6 kg    | 30.5 kg    |
| Power                  | Power Supply                    | Separate     | Separate     | Integrated   | Integrated | Integrated | Integrated |
|                        | Power Consumption               | <35W         | <45W         | <50W         | <60W       | <75W       | <155W      |
| Misc.                  | Picture-in-picture              | –            | –            | –            | –          | –          | –          |
|                        | Front Panel Lockout             | –            | –            | –            | –          | –          | –          |
|                        | IR Remote                       | –            | –            | ■            | ■          | ■          | ■          |
| Cables Included        | VGA-to-VGA                      | –            | –            | ■            | ■          | ■          | ■          |
|                        | HDMI-to-HDMI                    | ■            | ■            | ■            | ■          | ■          | ■          |
|                        | DVI-to-DVI                      | –            | –            | –            | –          | –          | –          |
|                        | DP-to-DP                        | ■            | ■            | ■            | ■          | ■          | ■          |
|                        | DP-to-MiniDP converter          | ■            | ■            | ■            | ■          | ■          | ■          |
| Mounting               | VESA Compliant                  | ■            | ■            | ■            | ■          | ■          | ■          |
|                        | Rack-mountable                  | –            | –            | –            | –          | –          | –          |
|                        | Fixed desktop stand             | within box   | within box   | within box   | within box | within box | within box |
|                        | Adjustable desktop stand        | UMM-LED27-SD | UMM-LED27-SD | UMM-LED27-SD | –          | –          | –          |
|                        | Fixed Wall Mount                | –            | –            | –            | –          | ST650      | ST650      |
|                        | Swivel/Tilt Wall Mount          | UMM-LW-30B   | UMM-LW-30B   | UMM-LW-30B   | UMM-WMT-32 | –          | –          |

## About IQSIGHT

Formerly Bosch Video Systems, IQSIGHT has more than 60 years of engineering expertise. Delivering intelligence-first video security that helps organizations see clearly, understand context in real time, and act with confidence, IQSIGHT transforms video into actionable insight so leaders can make better decisions, earlier. IQSIGHT offers a proven portfolio of NDAA- and TAA-compliant video solutions, including FLEXIDOME, AUTODOME, and MIC cameras, supported by more than 600 patents and designed to perform reliably over the long term.

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