



STENTOFON
COMMUNICATIONS
AUSTRALIA P/L

SOLUTION
DATASHEET



SCA-8068

IP VANDAL RESISTANT INTERCOM

FEATURES

- Supports passive and active audio monitoring
- Accessible via web interface with user-friendly configuration options
- Supports enterprise forms of WLAN Security and supports certificates
- Cybersecurity Compliant



Superb Audio Quality

HD Voice, Open Duplex, Active Noise Cancellation & Electret omnidirectional mic



High Visibility & Accessibility Compliant

Bright and visible from vast distances with distinctive colours plus a Braille overlay



Flexible Operation

Can operate in SIP, IC-EDGE and ICX-AlphaCom mode



TECHNICAL SPECIFICATIONS



AUDIO

Audio Technology	Modes: full open duplex, switched open duplex, robust duplex
Custom ringing tone	Audio mixing - conversation & group call
Codecs	G.711, G.722, G.729
Noise Cancelling: musical noise suppression	Yes
Automatic Volume Control (AVC)	Yes
Acoustic Echo Cancellation (AEC)	Yes
Frequency Range, G.722 Codec	200 Hz - 7000 Hz
Internal Speaker Amplifier	10 W class D
Internal Speaker	3 W 8Ω
Microphone Technology	Omni-directional electret condenser

HARDWARE

Ethernet connector	1 x RJ-45
Call Indication	Red LED: flashes during call request, solid when in conversation
Power Consumption	Idle: 2W, max: 12W (depending on volume)
Ethernet Connector	1 x RJ-45
Power Options	RJ45: PoE, PoE+ External: 24VDC (16-48V) 15W max
Change-over Relay (NO+NC+COM)	Max: 250VAC/220VDC, 2A, 60W

NETWORKING & PROTOCOLS

Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, RTSP, RTCP, SRTP, DHCP, SNMP, Vingtor-Stentofon CCoIP®, NTP
LAN Protocols	Power over Ethernet (IEEE 802.3 a-f), Power over Ethernet (IEEE 802.3at), Network Access Control (IEEE 802.1x)
Management and Operation	HTTP/HTTPS (Web configuration), DHCP and static IP. Remote automatic software upgrade. Centralised monitoring.
SIP Support	RJ45: PoE, PoE+ External: 24VDC (16-48V) 15W max
DTMF Support	Max: 250VAC/220VDC, 2A, 60W



CONSTRUCTION

Dimensions (HxWxD)	200 x 135 x 65 mm
Weight	1 kg
Faceplate Material	Stainless Steel 316
Gasket Material	Black neoprene rubber
Loudspeaker Poke Protection	Stainless Steel 316 grille
Loudspeaker Diaphragm	ABS basket, Mylar diaphragm
Button Travel Length	Push button: 2 mm
Button Push-cycles before failure	Push button: 50,000 Piezo: 50,000,000
Actuation Force	Push button: 5 N max Piezo: 3-5 N
Switch function	Push button: 1NO momentary Piezo: 1NO momentary, 125-300 ms impulse Piezo self-test: 1500-1600 ms impulse
Button Material	Push button: Stainless Steel 316 Piezo: Aluminium 6061 T651
Loudspeaker Diaphragm	ABS basket, Mylar diaphragm



STENTOFON
COMMUNICATIONS
AUSTRALIA P/L

Disclaimer: STENTOFON Communications Australia (SCA) assumes no responsibility for any errors that may appear in this document or for damages arising from the information therein. SCA reserves the right to modify designs and alter specifications without notice.



+61 3 9729 6600



sales@stentofon.com.au



www.stentofon.com.au