

1008015000

Cleanroom Station

Intercom for Cleanrooms and Operating Rooms



Avaya Certified



UL Certified Intercom

DESCRIPTION

- Compatible with ICX-AlphaCom, IC-EDGE and iPBXs (SIP)
- Made for CCoIP® - Critical Communication over IP
- Membrane switch surface: Hard-coated polyester film with enhanced solvent resistance, strength, and durability for easy cleaning
- Additional antimicrobial surface treatment to inhibit growth of microorganisms or to kill them
- Robust flush and sealed anodized aluminium front plate to withstand maintenance and cleaning conditions
- Large high contrast display with backlight for excellent readability
- Four dynamic navigation keys and four DAK keys for quick access to system menus and directory entries.
- Quick and easy snap-on mechanism for installation in flush mounted back boxes
- Superb audio technology
- Remote software upgrade, configuration and monitoring
- Integrated data switch with advanced networking and security functions
- Powered from the IP network cable using Power over Ethernet (PoE)
- Clean relay output contact for control of external equipment
- Designed to meet the requirements of ISO 14644-1, ISO Designation 5

The IP Operating Room (OR) Master Station is an advanced intercom station intended for use in operating theatres and clean rooms. The station front plate is totally flat and without any holes to facilitate easy cleaning. The membrane touch key foil consists of hard-coated polyester film with antimicrobial effect to enhance solvent (detergents/disinfectants) resistance, strength, durability and improve cleanliness and microorganisms accumulation. The antimicrobial surface has been tested according to JIS Z 2801 (ISO 22196). The JIS Z 2801 method tests the ability of plastics, metals, ceramics and other antimicrobial surfaces to inhibit the growth of microorganisms or to kill them

The station has an excellent audio quality. With a large backlit display and Vingtor-Stentofon audio technology the station allows users to read caller ID, listen and talk at a distance.

The IP station supports open standards and is compatible with ICX-AlphaCom, IC-EDGE and iPBXs using SIP technology. When working in ICX-AlphaCom mode, the IP station supports special services only available using the Vingtor-Stentofon CCoIP protocol, AlphaCom server. Examples of services are emergency broadcast with volume override, CCTV integration, call priority, and AlphaNet multisite networking and event scripting.

Like all Vingtor-Stentofon stations, this IP OR station features superb audio quality. This is enabled through a set of advanced technologies such as active noise filtering, acoustic echo cancellation, wide band audio codec, and high power audio outputs.

The IP station has an integrated managed data switch providing advanced networking and security features. The integrated switch provides support for:

- Protection from unwanted access
- Quality of Service (QoS) by managing data traffic
- Increased system availability through redundant LAN infrastructure
- Cost efficient installation by providing shared network connections

To provide maximum availability the station comes with advanced supervision functions. The station line test will detect if there is any faults in the network or station electronics. In addition, the station supports tone.

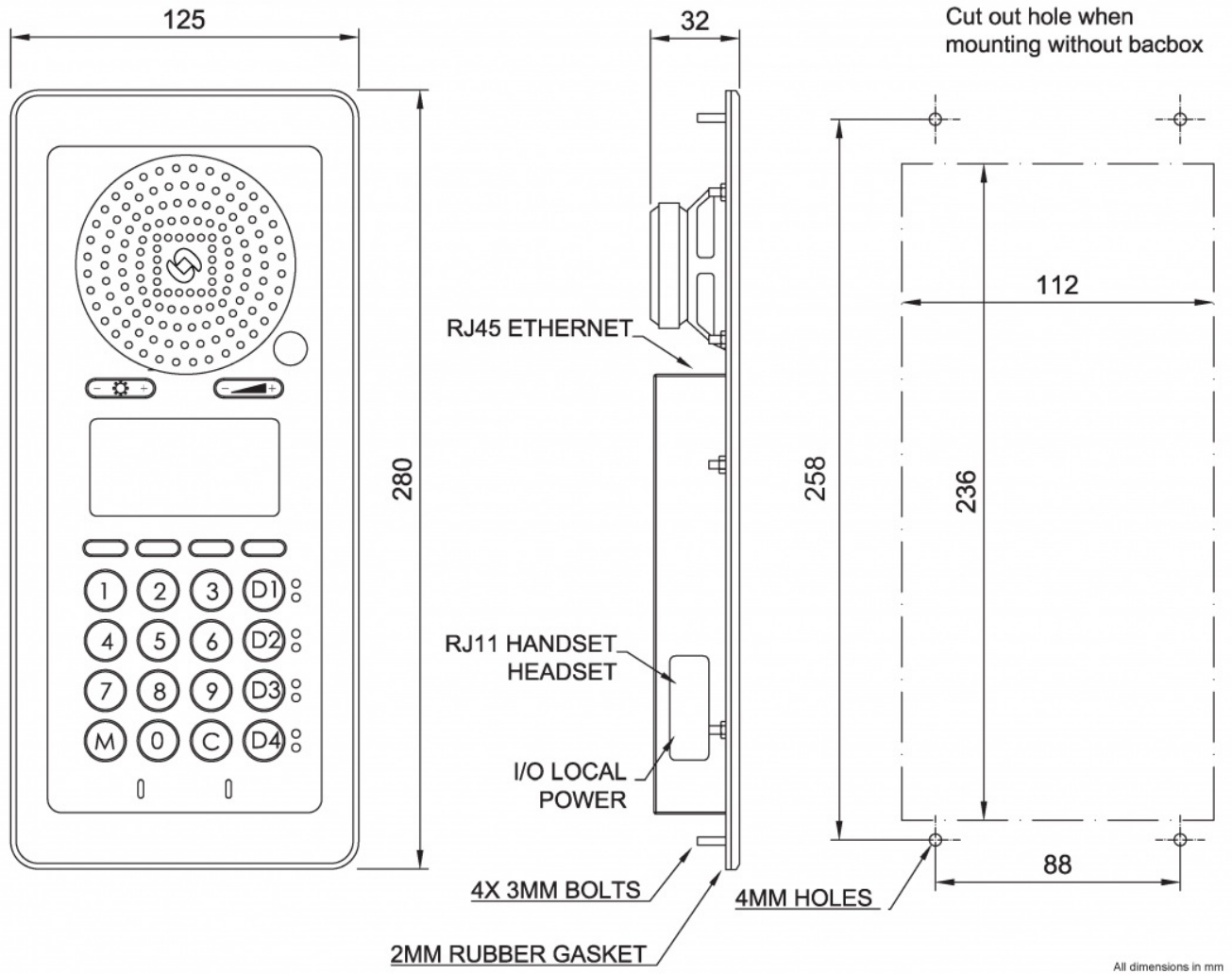
See also: [additional documentation on wiki.zenitel.com](http://wiki.zenitel.com)

SPECIFICATIONS

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Dimensions: (WxHxD)	125 x 280 x 30 mm
Weight	0.630 kg
User interface	Backlit graphical display, 35 mm x 68 mm, 4 function keys, 4 programmable direct access keys (DAK), Full keypad, Call indication LED
Temperature Range	-15°C to +50°C
Protection class	IP-65 front access (silicone must be used around edges when mounting)
Power	Power over Ethernet, IEEE 802.3 a-f, Class 0 Local power 19 – 27 VDC, Idle 4W, max. 8W
Connectors	RJ45 (Ethernet) - RJ11 (Handset & Headset) Pluggable screw terminals (I/O local power)
Remote control Max. switching capacity Max. voltage relay Max current relay	3 digital inputs, 1 relay output and one logical output 30W DC 60V DC 1A DC
SIP	RFC 3261, SIP Info (DTMF), RFC 2833 (DTMF)
IP protocols	IP v4 - TCP - UDP - HTTPS – TFTP - RTP - RTCP -DHCP - SNMP - DiffServ - TOS – Vingtor-Stentofon CCoIP® - SIP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), VLAN (IEEE 802.1pq), Network Access Control (IEEE 802.1x), STP (IEEE 802.1d), RSTP (IEEE 802.1d-2004)
Audio technology	Wideband 200 Hz - 7 kHz (G.722) Telephony 3.4kHz (G.711) Active noise filtering Acoustic echo cancellation Open duplex Adaptive jitter filter Volume override
Audio output	1.5 Watt - 75 dB @ 1 m from speaker
Management and operation	IntegrHTTPS (Web configuration) DHCP and static IP Remote automatic software upgrade Centralized monitoring Status LED
Advanced features	Dual port managed data switch supporting VLAN and network access control
Compliance	CE, FCC Part 15
Certificates	UL 60950-1, cUL 60950-1, CB to IEC 60950-1

TECHNICAL DIMENSIONS



ACCESSORIES



FLUSH MOUNT BACK BOX

Item Number: 1008098700



WALL-MOUNT BACKBOX FOR IP-OR

Item Number: 2810021001