

1008415000

IP-CROR | Clean Room Intercom Station

IP Intercom Station for Clean Rooms and Hospital Operating Rooms

Following are the features of Clean Room Intercom Station:

- Chemical resistant and anti-bacterial front surface for easy cleaning
- Robust aluminium front plate to withstand maintenance and cleaning conditions
- 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 – gives loud-speaking hands free duplex communication from any location in the room - no one needs to leave their duty and all present staff can follow the conversation
- ONVIF Compatible
- Integrated data switch with advanced networking and security functions
- Clean relay output contact for control of external equipment
- Designed to meet the requirements of ISO 14644-1, ISO Designation 5

Check out our Healthcare Communication Solution.

SIP IC-EDGE IC-Edge ICX ICX-AlphaCom Active Noise Cancelling

Kuvaus

This advanced IP Intercom Station (IP-CROR) is designed for cleanrooms and operating rooms, serving as an essential hospital intercom solution alongside other cleanroom environments. The Clean Room Intercom Station front plate is totally flat and without any holes to minimize bacteria accumulation. The station has an excellent audio quality. With a large backlit display and audio technology the station allows users to read caller ID, listen and talk at a distance.

The IP Clean Room Intercom 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 CCoIP protocol, as employed in the ICX-AlphaCom server. Examples of services are emergency broadcast with volume override, CCTV integration, call priority, and AlphaNet multisite networking and event scripting.

Like all Zenitel stations, this IP 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
- 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 are any faults in the network or station electronics. In addition, the station supports a tone test where a tone emitted from the speaker is picked up by the microphone.

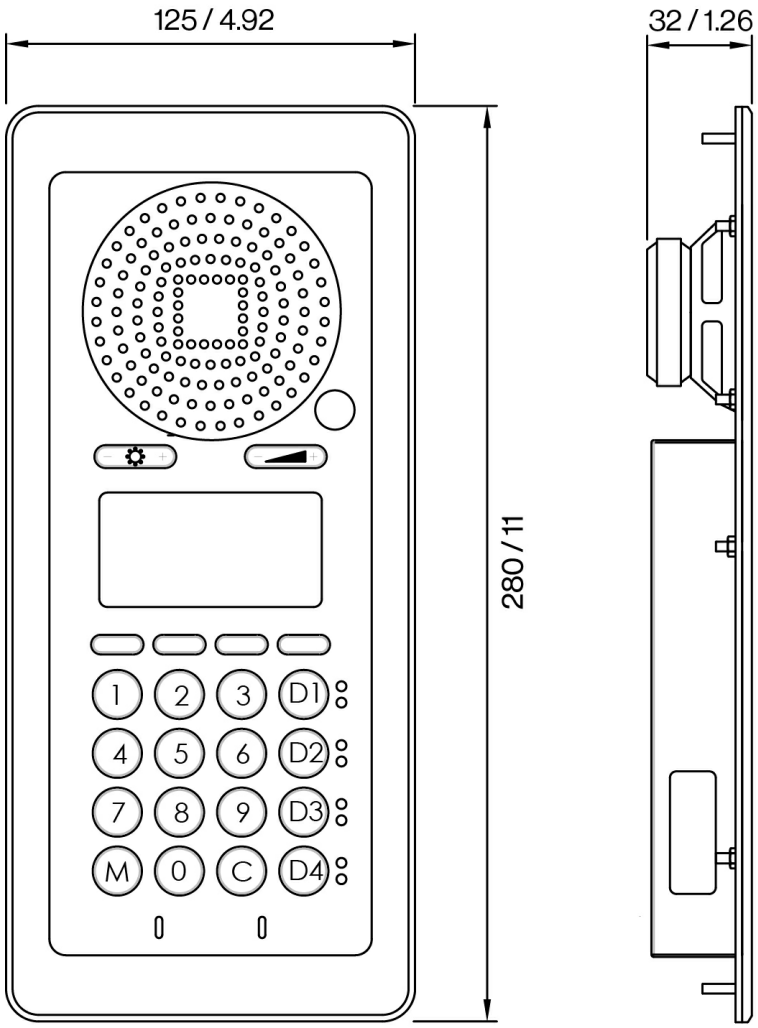
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In IC-EDGE mode, the station can be configured as the Edge Controller.

See also: additional documentation on wiki.zenitel.com

Technical Dimensions



All dimensions in mm / in

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Specifications

www.zenitel.com info@zenitel.com Last revision date: 2025-11-17 11:51

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SPECIFICATIONS

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	0˚C- 45˚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. 12W
Connectors	RJ45 (Ethernet) - RJ11 (Handset & Headset), Pluggable screw terminals (I/O, local power, external speaker)
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 – ONVIF - CCoIP® - SIP - RSTP
LAN protocols	Power over Ethernet (IEEE 802.3 a-f), VLAN (IEEE 802.1pq), Network Access Control (IEEE 802.1x)
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, additional connector for external speaker, max 5 W
Management and operation	HTTPS (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
Warranty	2 Years standard warranty, extendible up to total of 5 years (additional fee)

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Accessories



Flush Mount Back Box

Item Number: 1008098700



Wall-mount Backbox for Cleanroom Station

Item Number: 2810021001

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