

IP-CROR

1008415000

## Clean Room Intercom Station IP-CROR

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-AlphaCom



Active Noise Cancelling

## Description

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.

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

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

# Technical Dimensions

Clean Room Intercom Station

# Specifications

## 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)                                                                                 |

# Accessories



Flush Mount Back Box



Wall-mount Backbox for  
Cleanroom Station