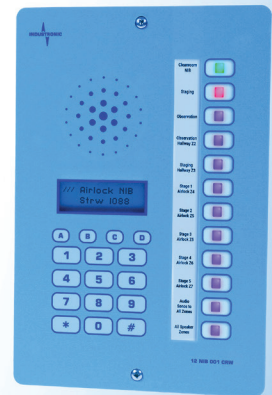




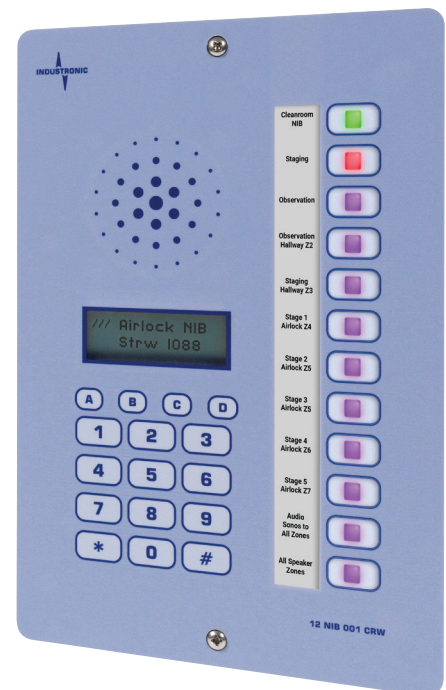
ADVANCED TECHNOLOGIES FOR cGMP CLEANROOMS



CLEANROOM FLUSH MOUNTED IP INTERCOM STATION: 12 NIB 001 CRW

KEY FEATURES:

- IP flush mounted intercom station designed specifically for cleanroom applications
- Stainless Steel front plate with Antimicrobial coating
- Power over Ethernet (PoE) or external power supply
- Speaker and Microphone adjustability
- Audio Bandwidth up to 16 kHz
- 12 individually programmed keys with multi-color status indication for direct dial or to trigger alarms
- Numeric keypad for direct dial to other intercom stations or desktop IP telephones
- LCD display for status information



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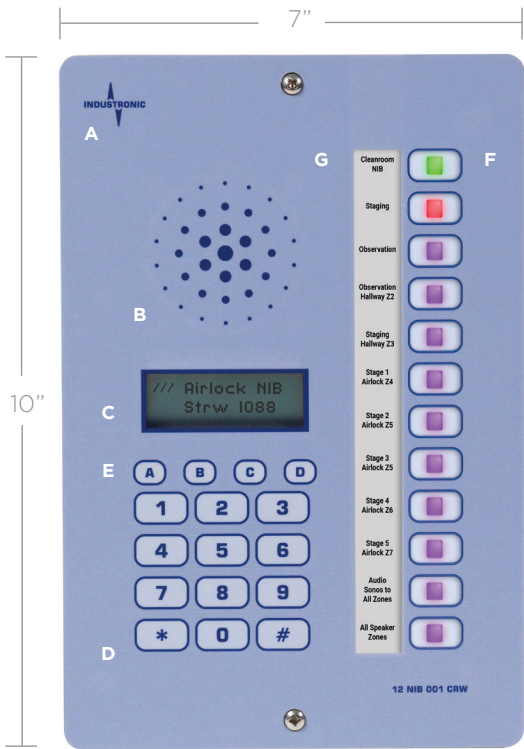
Contact SPS CleanTech, LLC for unique solutions to help design, build, renovate, or furnish a Cleanroom – we are here to serve!



Cleanroom Flush Mounted IP Intercom Station

The Flush Mounted IP Intercom Station is a key component in Industronic's netSeries Communication system that ensures safe and effective communication with a cleanroom. It has been designed specifically for use in demanding cleanroom environments using a 304 stainless steel faceplate that is covered with an Antimicrobial film to minimize contamination. Mounted flush to the wall, the Intercom Station will endure the harshest cleaning agents and protocols used in cGMP environments.

The voice communication is Push to Talk (PTT) from non-sterile environments and hands free from within the cleanroom. Loaded with features such as built-in speaker, microphone, LCD display and programmable keys Industronic's IP Intercom Station is easy to use and flexible to meet changing communication needs.



- A: Electret Built-in Microphone – electronic noise compensation and dynamic compression reduces ambient noise
- B: Speaker
- C: LCD Display – 32 character screen shows different types of information depending on the function selected
- D: Numeric Keypad – dial an extension and PTT function
- E: Four (4) Function Keys – control speaker and microphone volume
- F: Twelve (12) Programmable Keys – program predefined numbers for direct dial, trigger alarms and use for access control
- G: Protected Labels

12 NIB 001 CRW Specification			
Power Supply	PoE [optional 48VDC/0.15A power supply - sold by others]	Communication method	External: Push to Talk, Internal: Hands free
Typical Power Consumption	2.5 watt	Intercom Dimensions	7" W x 10" H x 1.38"D
Amplifier Power	1 watt	Installation depth required	1.6" min
Frequency Range	200 Hz to 16,000 Hz (+/- 3dB)	Weight	1.65 lbs
Speaker	5 watts / 8 ohms	Faceplate	304 Stainless Steel with Antimicrobial film
Sound Pressure Level	200 Hz to 16,000 Hz (+/- 3dB) @ 19.69" / 50cm	Mounting method	2 screws
Interface (primary)	1 x RJ45 port 10/100 MBit/s (LAN & PoE)	Ambient Temperature	-14 ° F to 131 ° F
Interface (software updates)	1 x Mini USB Service Port	Humidity	Max 95% (non-condensing)
Network Requirements	PoE, IPv4 network, Support of UDP, SCTP, RTP & RTCP protocols	Degree of Protection	IP66 when mounted and sealed to wall
Recommended Network Set-up	10Base-T/100Base-TX Ethernet (IEEE 802.3), 100 MBit/s	EMC	IEC/EN 61000-6-2, IEC/EN 61000-6-4
Bandwidth	200 k/Bit/s basic & 200KBits/s per active audio channel	4 Function Keys	Speaker volume, microphone sensitivity, IP setting
Quality of Service (QoS)	Ideal latency value: <20ms (max 50ms), Jitter: max 10 ms	12 Programmable keys	Direct dial, trigger alarms, access control, indication of state/status



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