



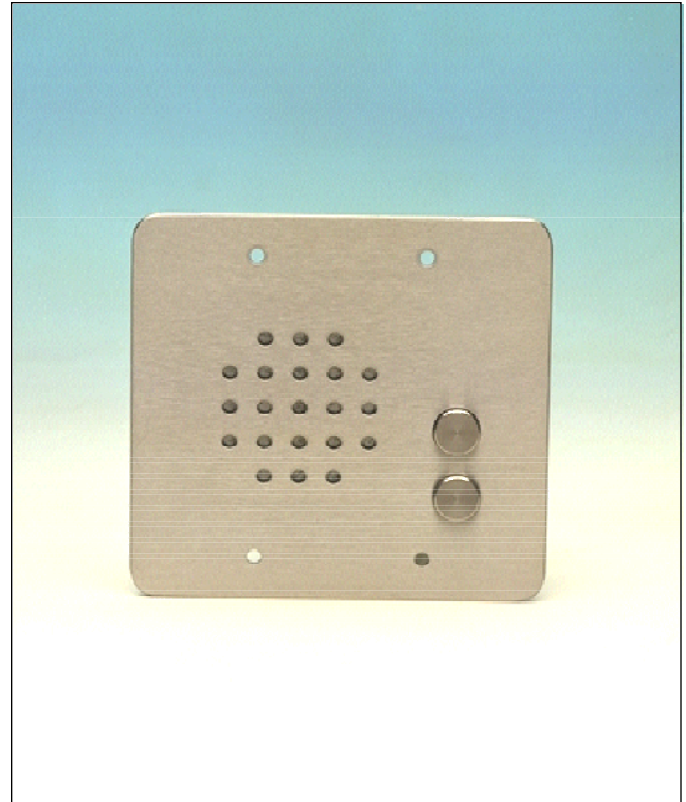
Description

The ICM-220 is the two gang version of intercom station for use with DIO-2xx discrete I/O boards. It is suitable for use in high security areas and is designed for superb audio clarity in reverberant acoustic environments. The ICM-220 incorporates a loudspeaker/microphone and requires a separate pair of wires for audio and each switch or indicator.

Features

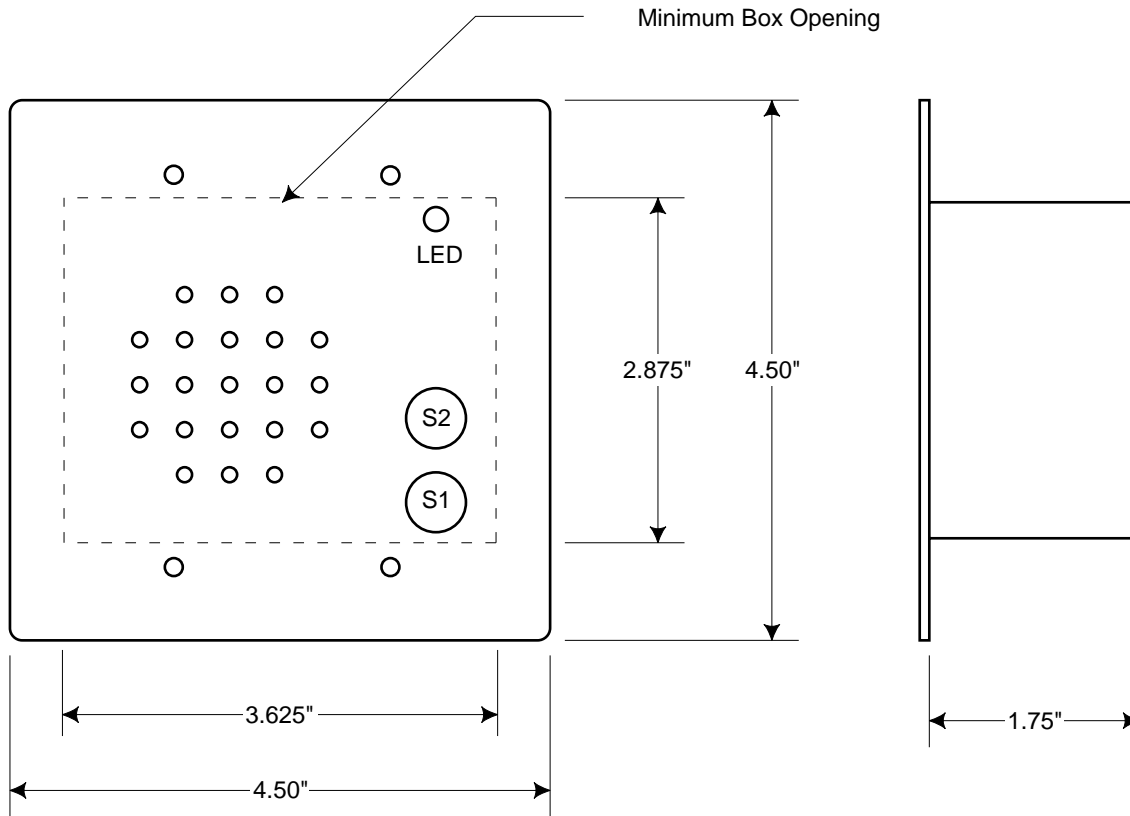
The ICM-220 intercom station features:

- internal termination circuitry for line fault supervision to detect open and short circuit wiring faults in switch wiring
- half duplex audio channel
- switches are programmable for call request, program selection, and other functions
- optional status indicator LED
- LED indicator display is programmable for call request status or active call status
- internal fuse protects circuitry
- steel offset grille baffle plate protects the speaker from physical damage
- conformal coating protects all electronic components from moisture in weatherproof version
- stainless steel hardware and baffle plate in weatherproof versions
- waterproof 2.5" mylar cone speaker
- choice of 0, 1, or 2 vandal resistant long life switches
- available without internal speaker for remote speaker mounting
- single shielded twisted pair 22 ga cabling for audio
- single 22 ga pair for each switch and LED
- no connection to shield drain wire at the intercom station
- 8 terminal depluggable MTA100 series connector eliminates wire stripping during servicing and installation
- mounts on standard 2 gang electrical box
- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used



Specifications

| | |
|-------------------|---|
| Physical | 4.5" H x 4.5" W x 1.75" D (114 x 114 x 45 mm) |
| Faceplate | standard heavy duty |
| Faceplate | 14 ga brushed stainless steel 11 ga brushed stainless steel |
| Environmental | operating temperature storage temperature humidity |
| Environmental | 32 to 122 °F (0 to 50 °C) -40 to 158 °F (-40 to 70 °C) 0 to 95 % non-condensing |
| Field Connections | 8 pin MTA100 connector |
| Cabling | Audio Switch/LED |
| Cabling | 22 ga shielded twisted pair 22 ga pair |
| Switch Lifetime | 1 million operations |
| Speaker | 2.5" (64 mm) mylar cone |
| Speaker Level | 82 dB SPL at 1 m at 1 W |
| Microphone Level | 10 mV at 74 dB SPL |



Ordering Information

Part number ICM-220-ABC-DEF

- A faceplate options
 - 1 2 gang standard
 - 2 2 gang heavy duty
 - 9 custom (add H x W x ga to part number)
- B weatherproof options
 - 1 normal
 - 2 weatherproof
- C switch 1 options
 - 0 none
 - 1 standard
- D switch 2 options
 - 0 none
 - 1 standard
- E LED options
 - 0 none
 - 1 standard
- F internal speaker options
 - 0 none
 - 1 waterproof

