



# MicroComm DXI

## ICM-120 Intercom Station

### Description

The ICM-120 is the two gang version of intercom station for use with the SAB-100 station audio boards. It is suitable for use in high security areas and is designed for superb audio clarity in reverberant acoustic environments. The ICM-120 incorporates a separate loudspeaker and microphone, and circuitry for transmission of all station audio, power, switch, and indicator signals over a single shielded pair cable for reduced installation costs.

### Features

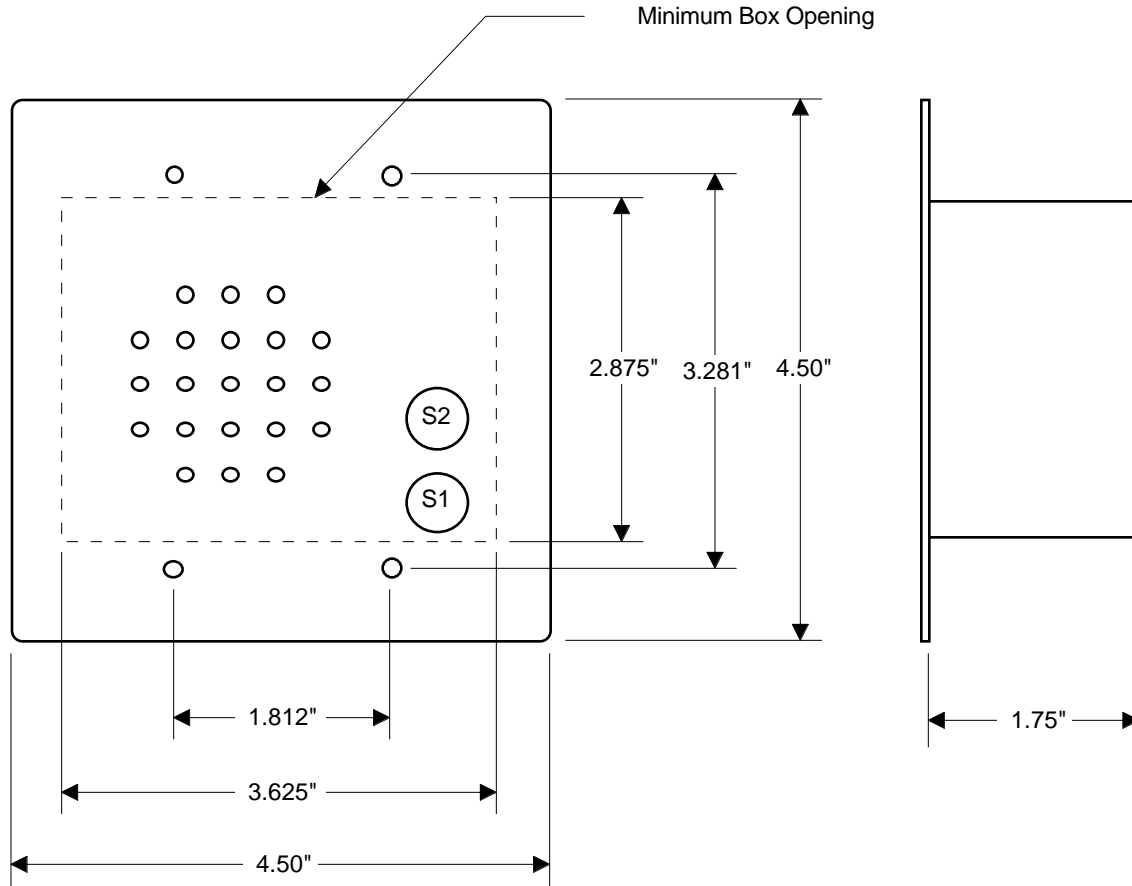
The ICM-120 intercom station features:

- internal termination circuitry for line fault supervision to detect open and short circuit wiring faults
- half duplex audio channel to the intercom exchange
- internal microphone and preamplifier for superior audio sensitivity
- switches are programmable for call request, program selection, or other functions
- 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, and switch(es)
- no connection to shield drain wire at the intercom station
- 4 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	14 ga brushed stainless steel 11 ga brushed stainless steel
Environmental	operating temperature storage temperature humidity	32 to 122 °F (0 to 50 °C) -40 to 158 °F (-40 to 70 °C) 0 to 95 % non-condensing
Field Connections		2 pin MTA100 connector
Cabling		22 ga shielded twisted pair 2500 ft (750 m) maximum length
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-120-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 B options

- 0 none
- 1 standard

D switch A options

- 0 none
- 1 standard

E options

- 0 none

F internal speaker options

- 0 none
- 1 waterproof

