

### Description

ICE-302 intercom stations are half-duplex 25V/4-wire intercoms that are compatible with DXI SAB-300 station audio boards and DXL SCC-300 station control cards, as well as other industry standard 25V/4-wire systems. The microphone/loudspeaker is an 8-ohm speaker, aluminium cone for the 1-gang version and mylar cone for the 2 and 3 gang versions.

These stations are designed for installation in high security areas and for superb audio clarity in reverberant acoustic environments. Stations are 1 gang, 2 gang or 3 gang and can be ordered with 0, or 1 vandal resistant or piezo switch for the 1 gang or 0, 1, or 2 vandal resistant or piezo switches for the 2 and 3 gang versions. Intercom stations that require non-standard features are also available by custom order.

### Features

- half duplex audio channel to the intercom master
- steel offset grille baffle plate protects the speaker from physical damage
- 11 ga heavy-duty brushed stainless steel faceplate
- 8-ohm mylar cone loudspeaker/microphone with the 2 and 3 gang stations
- 8-ohm aluminium cone loudspeaker/microphone with the 1 gang stations
- choice of 0, 1, or 2 vandal resistant or piezo long life switches with the 2 or 3 gang stations
- choice of 0 or 1 vandal resistant or piezo long life switch with the 1 gang station
- stainless steel hardware provides protection for exterior installations
- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used
- compatible with industry standard 25V/4-wire intercoms
- multi tap transformer provides output power levels of 1, 0.5 or 0.25 watts

### Specifications

#### Physical

|           |  |
|-----------|--|
| 1-gang    | 4.5" H x 2.75" W x 2.0" D<br>(114 x 114 x 51 mm) |
| 2-gang    | 4.5" H x 4.5" W x 1.5" D<br>(114 x 114 x 38 mm)  |
| 3-gang    | 4.5" H x 6.4" W x 1.5" D<br>(114 x 163 x 38 mm)  |
| Faceplate | 11 ga stainless steel                            |



#### Environmental

|                     |                              |
|---------------------|------------------------------|
| Exterior            | -40 to 122 °F (-40 to 50 °C) |
| Storage Temperature | -40 to 158 °F (-40 to 70 °C) |
| Humidity            | 0 to 95 % non-condensing     |
| Switch Lifetime     | 1 million operations         |

#### Loudspeaker

|                |                           |
|----------------|---------------------------|
| 1 gang         | 1" (25 mm) aluminium cone |
| 2 gang, 3 gang | 2.5" (64 mm) mylar cone   |

#### Loudspeaker Level

|                |                         |
|----------------|-------------------------|
| 1-gang         | 78 SPL at 1 m at 1 W    |
| 2 gang, 3 gang | 85 dB SPL at 1 m at 1 W |

#### Field Connections

|                         |                      |
|-------------------------|----------------------|
| audio                   | pigtail terminations |
| vandal resistant switch | screw terminals      |
| piezo switch            | pigtail terminations |

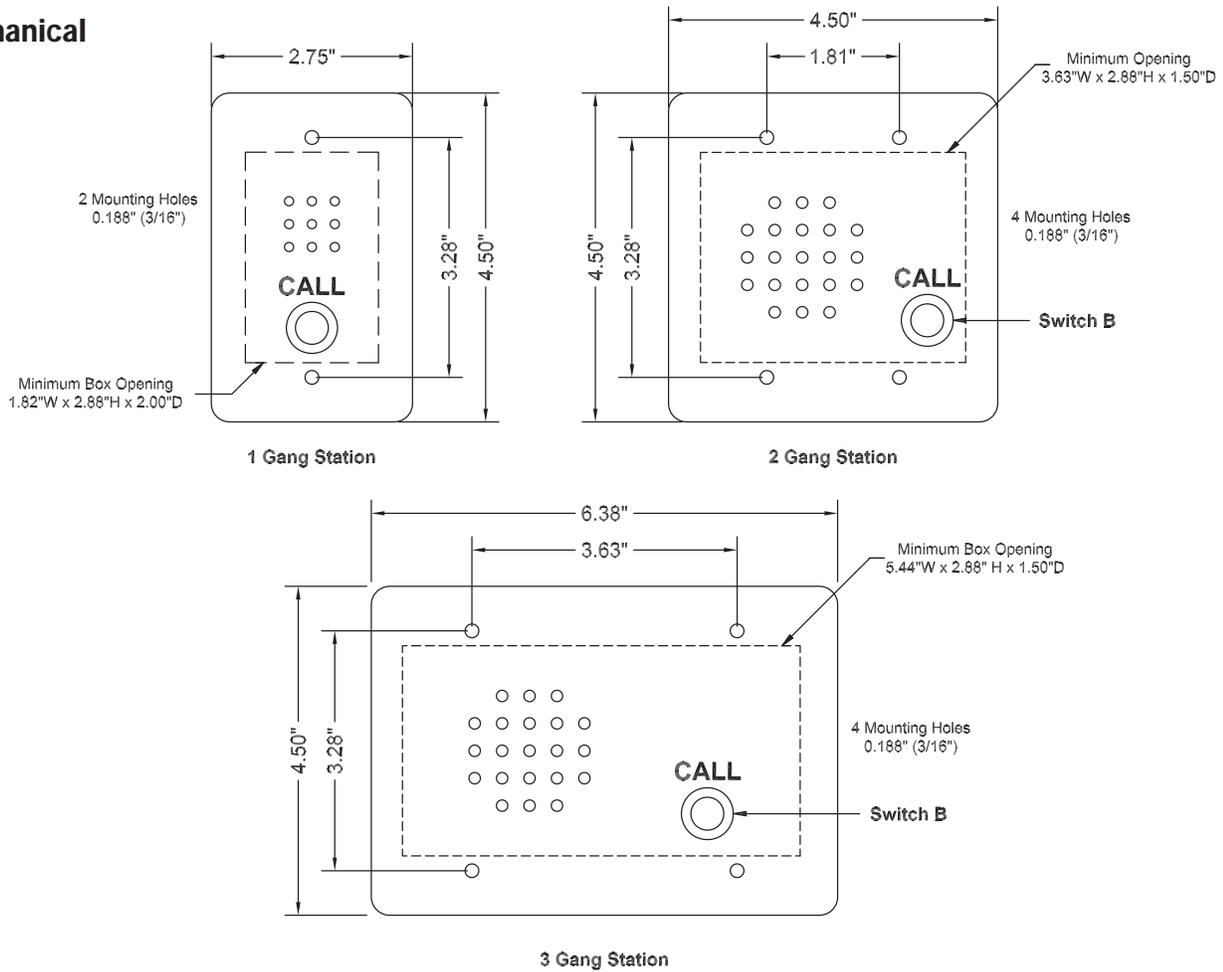
#### Cabling

|        |                             |
|--------|-----------------------------|
| audio  | 22 ga shielded twisted pair |
| switch | 22 ga twisted pair          |
|        | 2500 ft (750 m) maximum     |

#### Matching transformer

|              |                          |
|--------------|--------------------------|
| line voltage | 25 Vrms                  |
| power taps   | 1 watt            orange |
|              | 0.5 watt        yellow   |
|              | 0.25 watt       green    |

# Mechanical



## Ordering Information (Standard)

Part number ICE-ABC-DEF-GHI

- A intercom series
  - 3 300 series (4 wire)
- B back box size
  - 1 1 gang
  - 2 2 gang
  - 3 3 gang
- C series compatibility
  - 2 302 series
- D faceplate options
  - 2 11 gauge
  - 3 11 gauge - labeled "Call"
- E environmental
  - 2 exterior
- F switch B options
  - 0 none
  - 6 piezo
  - 7 vandal resistant
- G switch A options\*
  - 0 none
  - 6 piezo
  - 7 vandal resistant

- H reserved
  - 0
- I reserved
  - 0

\* must be 0 on 1 gang

## Ordering Information (Custom)

Part number ICE-ABC-DEF-GHI

- A intercom series
  - 3 300 series
- B back box size
  - 1 1 gang
  - 2 2 gang
  - 3 3 gang
  - 9 custom
- C series compatibility
  - 2 302 series
- DEF custom model identifier
  - CUS custom
- GHI identifier
  - 000-999 unique number assigned by factory



Represented by: