Description

ICE-600 intercom stations are half-duplex VoIP intercoms that connect to a VoIP capable DXL system. These stations conform to the industry standard SIP protocol and are available with a wide range of standard features.

Stations for both 2-gang and 3-gang electrical boxes can be ordered with a wide range of standard features. Choices include 0, 1, or 2 vandal resistant switches, an LED indicator, a selection of laser engravings, and an enhanced suite of I/O that is comprised of (2) switch inputs, a contact output, and a line-level output. 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

- 2.5'' mylar cone loudspeaker/microphone

- choice of 0, 1, or 2 vandal resistant long life switches

- switches are programmable for call request, program selection, or other functions

- 11 ga heavy-duty brushed stainless steel faceplat

- circuit board conformal coating provides protection in exterior versions

- optional status indicator LED

- compatible with all standard #6-32 mounting hardware allowing any type of security screw to be used

- RJ-45 10/100 Base-T Ethernet connection

- Power over Ethernet (PoE)

- allows remote firmware and configuration uploads

- built in Audio Level Alarm (ALA) feature with multiple settings for daily scheduling requirements

- Auxiliary power input*

- two unsupervised switch inputs*

- contact output (SPST)*

- line-level output*

Specifications

Physical

2-gang	4.5'' H x 4.5'' W x 1.8'' D (114 x 114 x 46 mm) Minimum backbox depth 2.25''
3-gang	4.5'' H x 6.4'' W x 1.8''D (114 x 163 x 46 mm) Minimum backbox depth 2.25''
Faceplate	11 ga stainless steel

Environmental

Interior	32 to 122 °F (0 to 50 °C)
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	2.5'' (64 mm) mylar cone
Loudspeaker Level	>82 dB SPL at 1 m (full power)

Field Connections

Ethernet	RJ-45 jack
Switch Inputs*	6-pin MTA-100 connector
Status Output*	6-pin MTA-100 connector SPST (NO) Relay, 1A@30Vdc
Auxiliary power supply*	2 pin MTA-100 connector
Line Level Output*	2 pin MTA-100 connector
Cabling	Cat5/Cat5e/Cat6 320 ft (100m) max

Power Supply

Auxiliary	22.8 Vdc - 37.8 Vdc, 150mA or
PoE	IEEE 802.3af class 1 compliant

* enhanced versions only

Mechanical

4.50"
1.81"
4.50"
3.28"
Minimum Opening 3.63"W x 2.66"H x 2.25"D
Switch A
LED
Switch B
4 Mounting Holes 0.188" (3/16")
2 Gang

6.36"
3.63"
4.50"
3.28"
Minimum Opening 5.437"W x 2.875" H x 2.25"D
Switch A
LED
Switch B
4 Mounting Holes 0.188" (3/16")
3 Gang
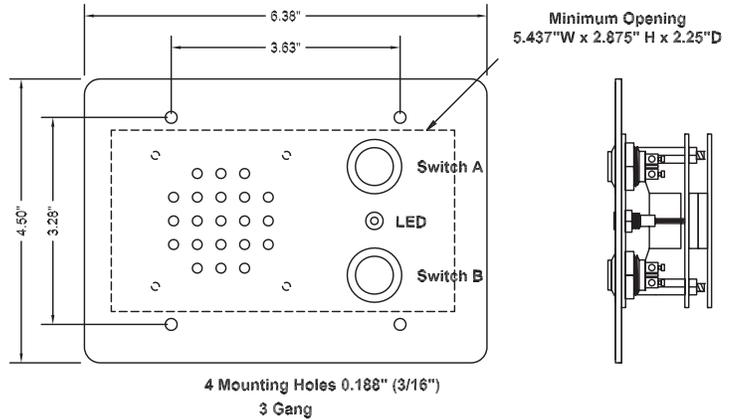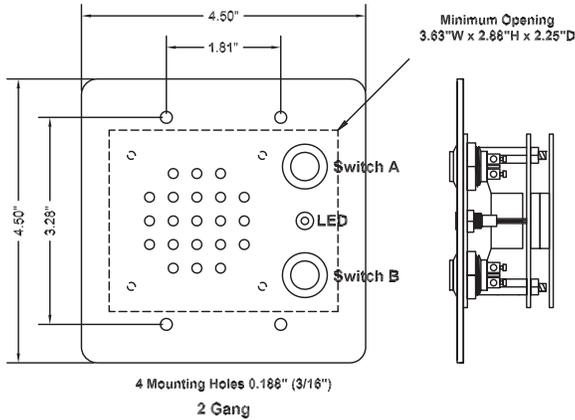
Ordering Information (Standard)

Part number ICE-ABC-DEF-GHI

A	intercom series	
	6	600 series (Ethernet connection)
B	back box size	
	2	2 gang
	3	3 gang
C	series compatibility	
	0	600 series
D	faceplate options	
	2	11 gauge
	3	11 gauge - labeled "Call"
	4	11 gauge - labeled "Call" and "Program"
	5	11 gauge - labeled "Call" and "Door"
	6	11 gauge - labeled "Cancel"
E	environmental	
	1	interior
	2	exterior
F	switch B options	
	0	none
	2	cord jack**
	6	mini-piezo
	7	vandal resistant
	8	red mushroom
G	switch A options	
	0	none
	6	mini-piezo
	7	vandal resistant
H	LED options	
	0	none
	1	LED
I	enhanced option set*	
	0	none
	1	enhanced

*   enhanced versions include

- two unsupervised status inputs
- contact output (SPST)
- auxiliary power input
- line-level output

** call cord must be ordered separately

Ordering Information (Custom)

Part number ICE-ABC-DEF-GHI

A	intercom series	
	6	600 series
B	back box size	
	2	2 gang
	3	3 gang
	9	custom
C	series compatibility	
	0	600 series
DEF	custom model identifier	
	CUS	custom
GHI	identifier	
	000-999	unique number assigned by factory

HARDING

9564 Yellowhead Trail NW   Tel 780.462.7100
Edmonton, AB T5G OW4   Fax 780.450.8396
sales@harding.ca   www.harding.ca

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