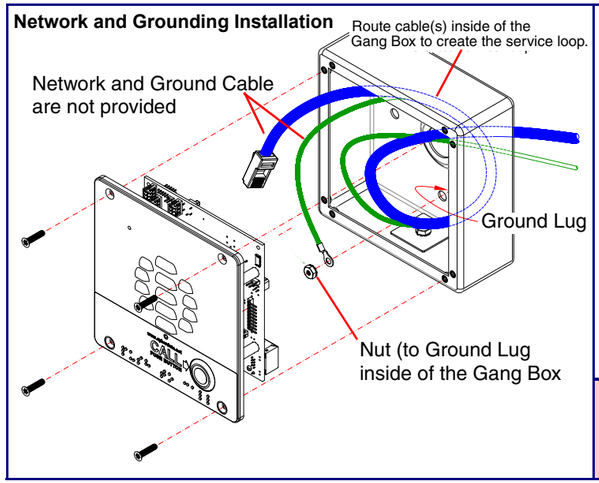
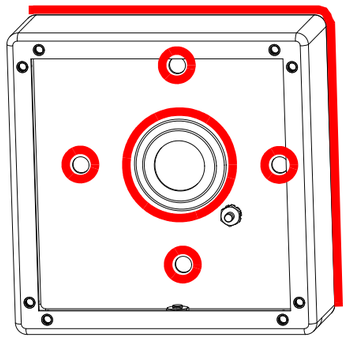
Connecting and Sealing the Intercom

Network and Grounding Installation



Proper Gang Box Sealing



Properly seal the intercom to prevent the accumulation of dust and moisture. Critical areas are shown in the image above: the conduit hole, all screw holes and an application of sealant around the perimeter.

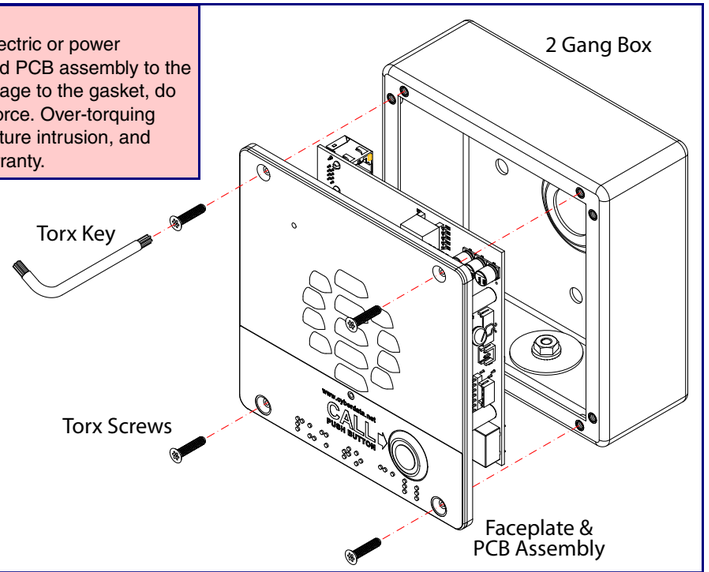
Securing the Intercom

Caution

Equipment Hazard: Do not use an electric or power screwdriver to fasten the face plate and PCB assembly to the gang box. To prevent over-torque damage to the gasket, do not apply more than 10 inch-pounds force. Over-torquing will cause the gasket to tear, risk moisture intrusion, and effectively void the manufacturer's warranty.

Note: To mount the intercom, use methods compliant with local electrical codes.

Note: More installation and mounting information is illustrated in the Operations Guide.



Contacting CyberData

Corporate Headquarters

CyberData Corporation
3 Justin Court
Monterey, CA 93940, USA

Phone: 831-373-2601
Fax: 831-373-4193
http://www.cyberdata.net/

Sales: (831) 373-2601 ext. 334
Support: 831-373-2601 ext. 333
Support Website: **http://support.cyberdata.net/**
RMA Department: (831) 373-2601 ext. 136
RMA Email: RMA@CyberData.net
RMA Status: **http://support.cyberdata.net/**
Warranty Information: **http://support.cyberdata.net/**

CyberData
The IP Endpoint Company

Installation Quick Reference

Singlewire InformaCast Outdoor Intercom

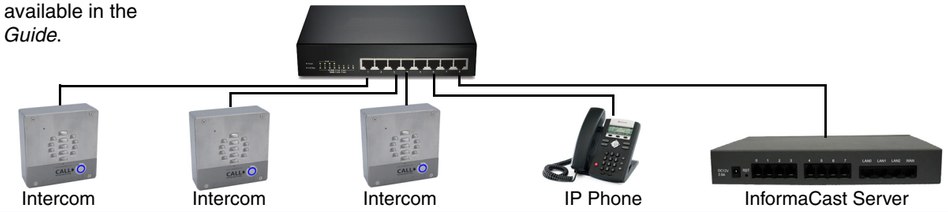
011309

Parameter	Factory Default Setting
IP Addressing	DHCP
IP Address[a]	10.10.10.10
Web Access Username	admin
Web Access Password	admin
Subnet Mask[a]	255.0.0.0
Default Gateway[a]	10.0.0.1

a. Default if there is not a DHCP server present.

Typical System Installation

*More installation and mounting options are available in the *Operations Guide*.

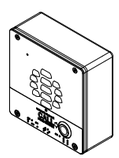


Getting Started

- Download the *Operations Guide* PDF file, from the **Downloads** tab at the following webpage:
  https://www.cyberdata.net/products/011309
- Create a plan for the locations of your Intercoms.
- WARNING: This product should be installed by a licensed electrician according to all local electrical and building codes.
- WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- WARNING: The PoE connector is intended for intra-building connections only and does not route to the outside plant.
- WARNING: This enclosure is not rated for any AC voltages!
- WARNING: Failure to properly seal intercom can compromise the IP rating. Should the product be exposed to water damage, it will be treated as an out of warranty scenario due to improper installation.

Parts

(1) Intercom Assembly



(1) T-15H Torx Key

(4) Security Torx Screw

Optional Accessories (for gooseneck mounting)

(4) Carriage bolt nuts

(4) Carriage bolts

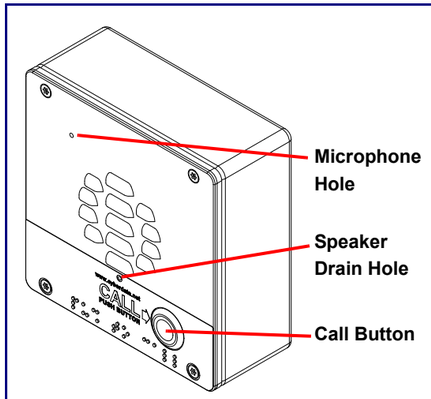
(4) Carriage bolt washers

Optional Accessories

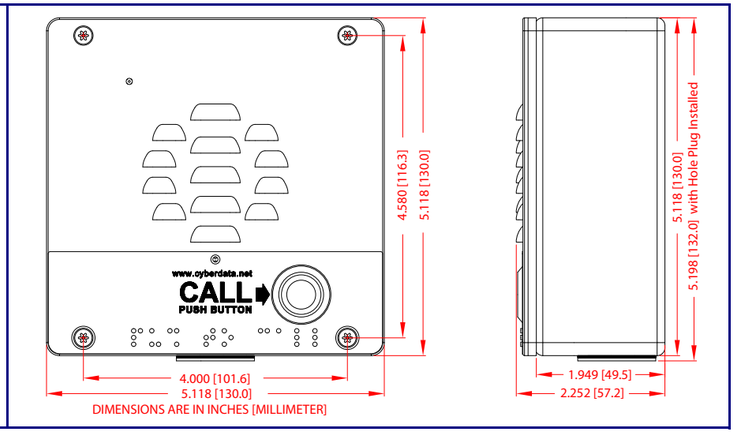
(1) Spacer for half-inch set conduit connector

(1) 531085* hole plug assembly

Features



Dimensions (Front and Side View)



Terminal Block Connections

Alternate Power Input:
1 = +8 to +12VDC @ 1000mA Regulated Power Supply*
2 = Power Ground*

Relay Contact:
(1 A at 30 VDC for continuous loads)
3 = Relay Common
4 = Relay Normally Open Contact
5 = Sense Input
6 = Sense Ground
7 = Remote Switch "A"
8 = Remote Switch "B"

*Contacts 1 and 2 on the terminal block are only for powering the device from a non-PoE 12VDC power source as an alternative to Network PoE power. Use of these contacts for any other purpose will damage the device and void the product warranty.

Use a 3.17 mm (1/8-inch) flat blade screwdriver for the terminal block screws

RTFM Button

When the device is operational and linked to a network, you can use the Reset Test Function Management (RTFM) button (SW1 [see picture]) to announce the device's IP address or restore the device to the factory default settings.

To announce the device's current IP address:

- Press and release the RTFM button within a five second window.

Note The device will use DHCP to obtain the new IP address (DHCP-assigned address or default to 10.10.10.10 if a DHCP server is not present).

To restore the device to factory default settings:

- Press and hold the RTFM button for longer than five seconds until you hear the device announce that it is restoring the factory default settings.

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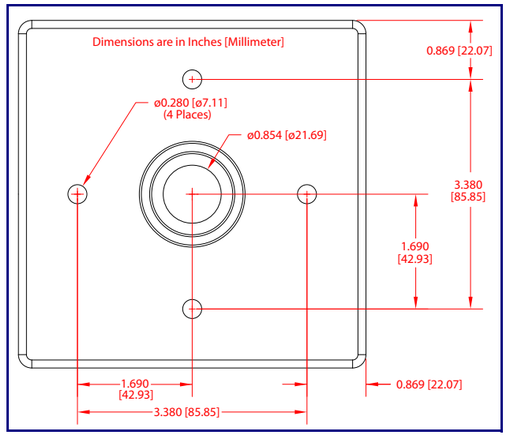
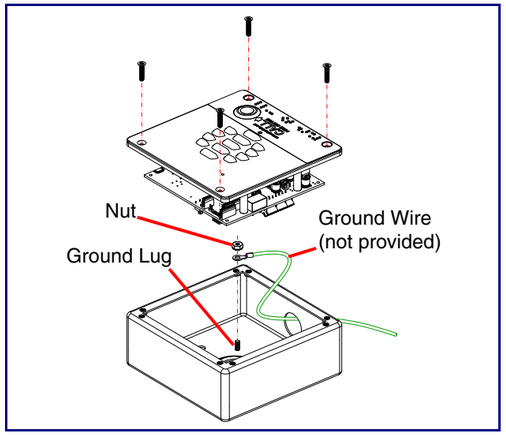
Dimensions (Rear View and Mounting Holes)

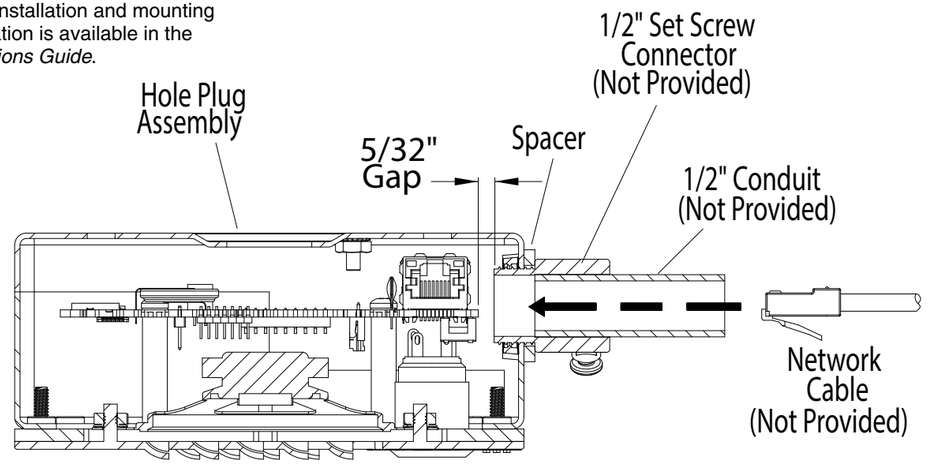


Ground Wire to Ground Lug Connection

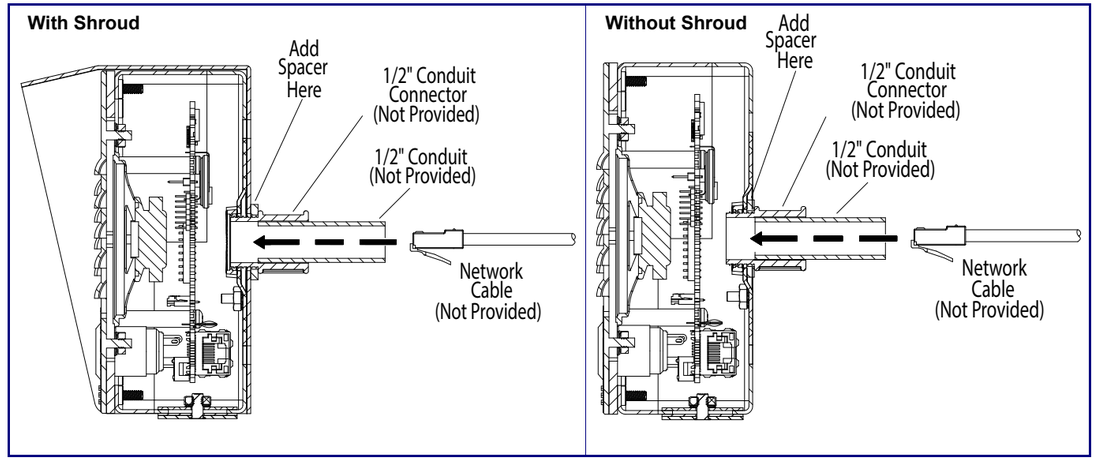


Conduit Mounting Restrictions (Side Entry)

*More installation and mounting information is available in the *Operations Guide*.



Conduit Mounting Restrictions (Rear Entry)



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