Connecting and Sealing the Intercom (Service Loop Routing)

Apply RTV Sealant to All Mounting Hole Locations and the Outside Perimeter of the 2-Gang Box.

Cables Create Service Loop

Concrete Anchor

2-Gang Box

Ground Cable to Ground Stud

Faceplate Assembly

Mounting Screws

Ground Cable

Network Cable

Gasket

J1

2-Gang Box Mounting Holes fits 1/4" Concrete Anchor and Screw; Ground Stud Fits Size 8 Ring Terminal. (All Mounting Hardwares and Cable Assemblies are Not Provided).

One Hole Plug Assembly for Cables or Conduit Entry

Securing the Intercom

Caution

⚠ GENERAL ALERT
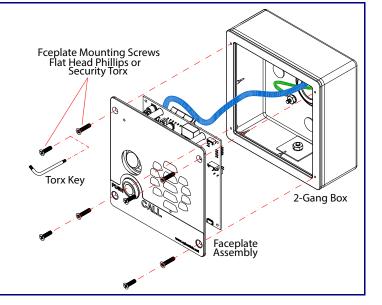
Equipment Hazard: Do not use an electric or power screwdriver to fasten the faceplate and PCB assembly to the gang box. To prevent over-torque damage to the gasket, do not apply more than 10 inch-pounds force. Over-torquing will cause the gasket to tear, risk moisture intrusion, and effectively voi the 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.

Fceplate Mounting Screws Flat Head Phillips or Security Torx

Torx Key

2-Gang Box

Faceplate Assembly

Contacting CyberData

Corporate Headquarters

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Monterey, CA 93940, USA

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Support Website: https://support.cyberdata.net/
RMA Department Contact and Status: https://support.cyberdata.net/
Warranty Information: https://support.cyberdata.net/

CyberData
The IP Endpoint Company

Installation Quick Reference
SIP-enabled h.264 Video Outdoor Intercom
011410
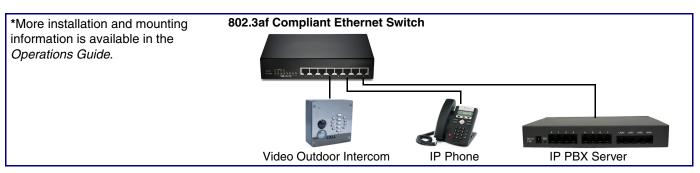
Parameter	Factory Default Setting
IP Addressing	DHCP
IP Address[a]	192.168.1.23
Web Access Username	admin
Web Access Password	admin
Subnet Mask[a]	255.255.255.0
Default Gateway[a]	192.168.1.1

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

Typical System Installation

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

802.3af Compliant Ethernet Switch

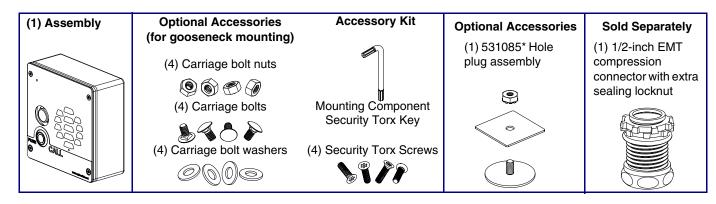Video Outdoor Intercom   IP Phone   IP PBX Server

Getting Started

- Download the *Operations Guide* PDF file, from the **Downloads** tab at the following webpage:

  https://www.cyberdata.net/products/011410

- 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!

Parts

(1) Assembly	Optional Accessories (for gooseneck mounting)	Accessory Kit	Optional Accessories	Sold Separately
	(4) Carriage bolt nuts (4) Carriage bolts (4) Carriage bolt washers	Mounting Component Security Torx Key (4) Security Torx Screws	(1) 531085* Hole plug assembly	(1) 1/2-inch EMT compression connector with extra sealing locknut

Features

- Microphone Hole
- Camera
- Call Button
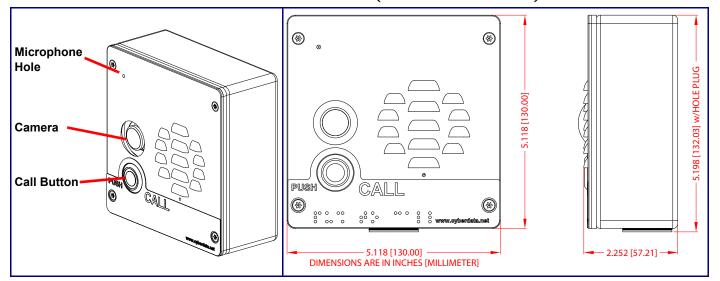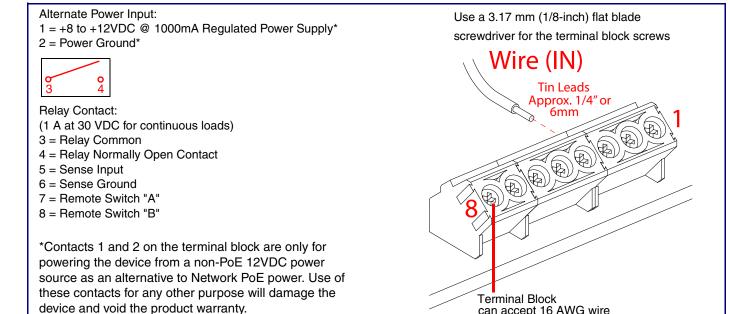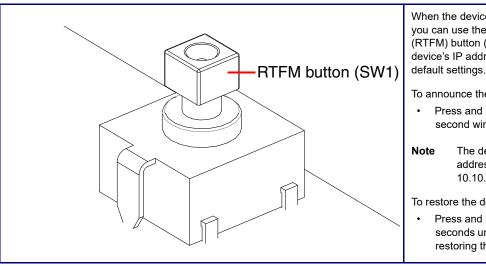
Dimensions (Front and Side View)

DIMENSIONS ARE IN INCHES [MILLIMETER]

5.118 [130.00]
5.198 [132.03] w/HOLE PLUG
5.118 [130.00]
2.252 [57.21]

Dimensions (Rear View and Mounting Holes)

Dimensions are in Inches [Millimeter]

- 0.869 [22.07]
- ø0.280 [ø7.11] (4 Places)
- ø0.854 [ø21.69]
- 3.380 [85.85]
- 1.690 [42.93]
- 1.690 [42.93]
- 0.869 [22.07]
- 3.380 [85.85]

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

Wire (IN)

Tin Leads Approx. 1/4" or 6mm

Terminal Block can accept 16 AWG wire

RTFM Button

RTFM button (SW1)

When the device is operational and linked to a network, you can use the Reset Test Function Management (RTFM [see picture]) button to announce the device's IP address or restore the device to the factory default settings.
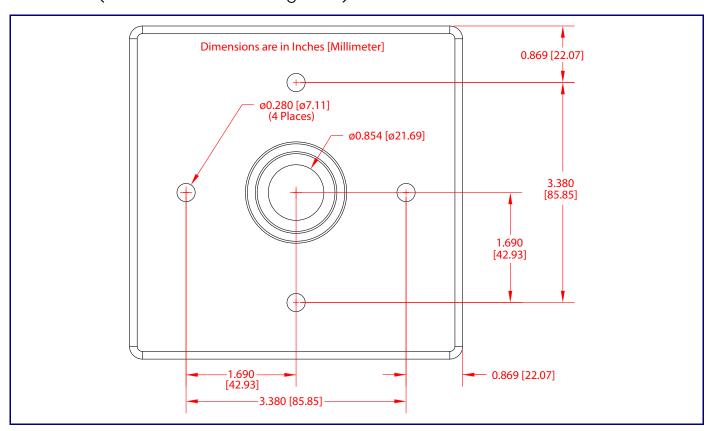
To announce the device's current IP address:
- Press and release the RTFM button within a five second window.

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.

Side Conduit Mounting Restrictions

- 2-Gang Box
- Circuit Board
- Remove the Hole Plug Assembly from the Side then Install it on the Back
- 0.3937 [10.00]
- Gasket
- Lock Nut
- Hole Plug Assembly
- Sealing Lock Nut (Sold Separately)
- EMT Compression Connector
- 1/2" Conduit

Installation Steps:
1) Remove the Hole Plug Assembly from the Side of the 2-Gang Box then Use it to Cover the Rear Conduit Hole.
2) Remove the Locknut from the EMT Compression Connector and then Install the Optional Sealing Locknut - as Spacer (Sold Separately).
3) Insert the Compression Connector with the Sealing Locknut (Spacer) through the Side Conduit Hole and then Fasten the Locknut Inside the 2-Gang Box. Make Sure that the Threads and Conduit Does Not Protrude Out More than 0.4 Inch or 10 Millimeters, Otherwise it would Hit and Damage the Circuit Board.
4) Insert the EMT Conduit into the EMT Compression Connector and Tighten.

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