Connecting the Intercom (Service Loop Routing)

Ground Cable Installation

1X Faceplate Mounting Screws Flat Head Phillips or Security Torx

Service Loop

Ground Wire

Nut

Ground Lug

Gang Box

Faceplate Assembly

Network Cable Installation

1X Faceplate Mounting Screws Flat Head Phillips or Security Torx

Service Loop

Network Cable

Gang Box

Faceplate Assembly
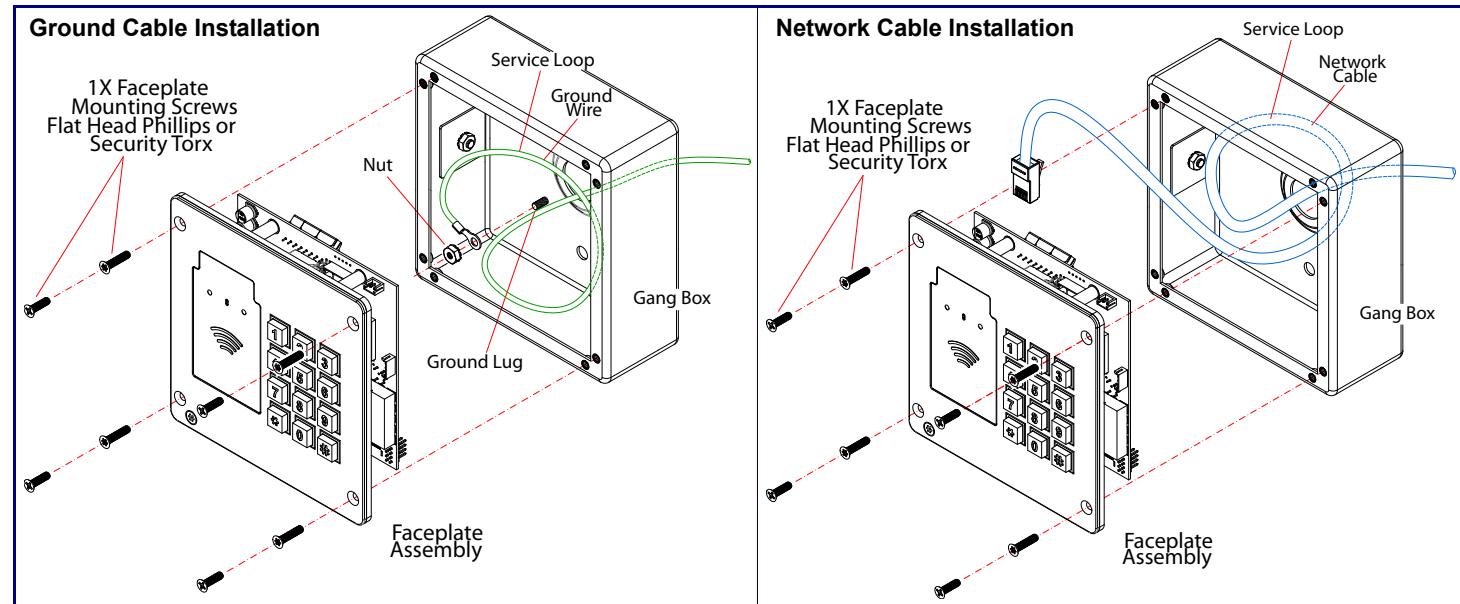
Securing the Intercom

Caution

⚠ GENERAL ALERT

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 device, use methods compliant with local electrical codes.

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

Note: For flush mount installations, purchase the 011443 Flush Mount Kit, 1X (sold separately). For more information, go to:
http://www.cyberdata.net/voip/011443/

1X Faceplate Mounting Screws Flat Head Phillips or Security Torx

Torx Key

Gang Box

Faceplate Assembly

Contacting CyberData

Corporate Headquarters

CyberData Corporation
3 Justin Court
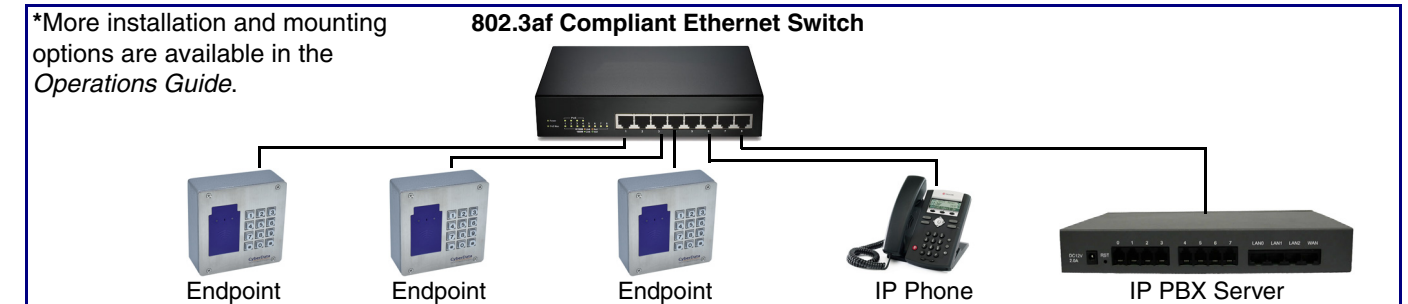Monterey, CA 93940, USA

Phone: 831-373-2601
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RMA Status: http://support.cyberdata.net/
Warranty Information: http://support.cyberdata.net/

CyberData
The IP Endpoint Company

Installation Quick Reference

RFID/Keypad Secure Access Control Endpoint

SIP Compliant

011426

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

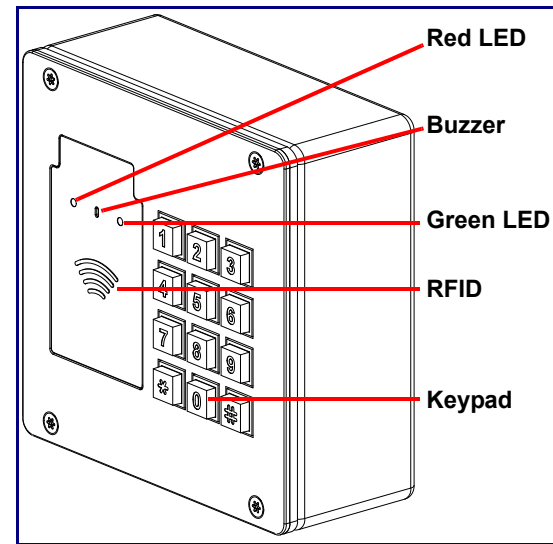a. Default if there is not a DHCP server present.

Typical System Installation

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

802.3af Compliant Ethernet Switch

Endpoint   Endpoint   Endpoint   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/011426
- 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.
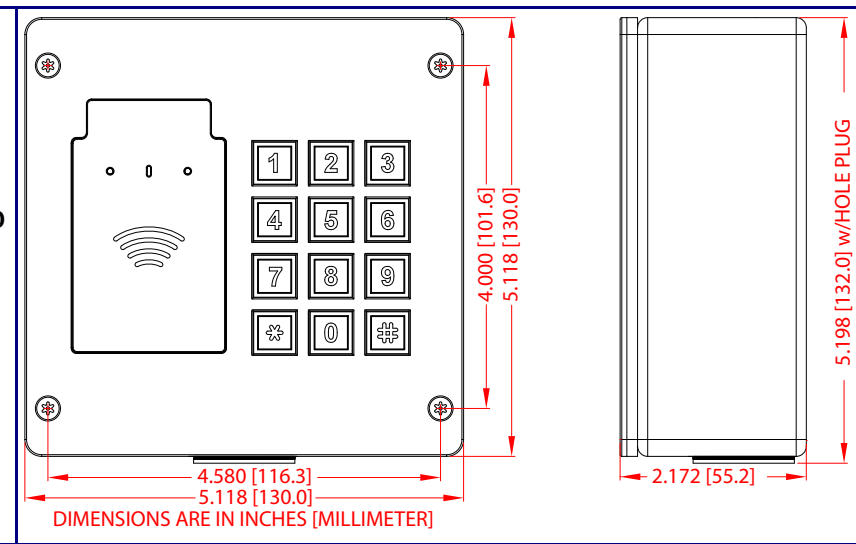- WARNING: This enclosure is not rated for any AC voltages!

Parts

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

Features

- Red LED
- Buzzer
- Green LED
- RFID
- Keypad

Dimensions (Front and Side View)

4.000 [101.6]
5.118 [130.0]
5.198 [132.0] w/HOLE PLUG
4.580 [116.3]
5.118 [130.0]
2.172 [55.2]

DIMENSIONS ARE IN INCHES [MILLIMETER]

Dimensions (Rear View and Mounting Holes)

5.1 [130]
4.6 [116]
4.0 [102]
#6-32 Threaded
ø0.3 [ø7] (4 Places)
Ground Lug & Nut
5.1 [129]
4.6 [116]
4.0 [102]
3.4 [86]
Conduit Hole ø0.9 [ø22]
Conduit Hole ø0.9 [ø22]
2.6 [65]
3.4 [86]
0.7 [19]

DIMENSIONS ARE IN INCHES [MILLIMETER]

PROJECTION: THIRD ANGLE
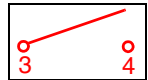
Terminal Block Connections

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
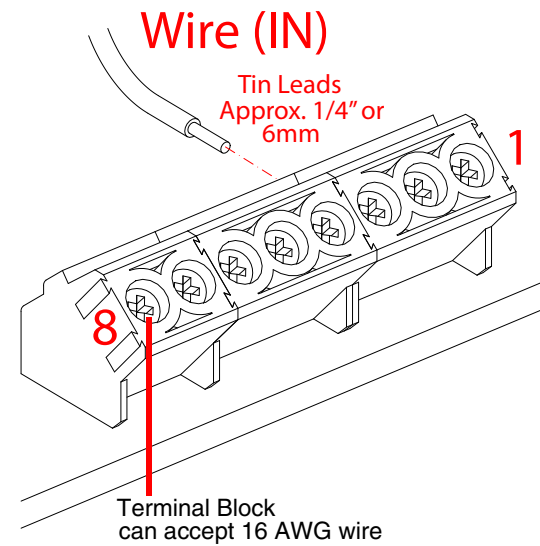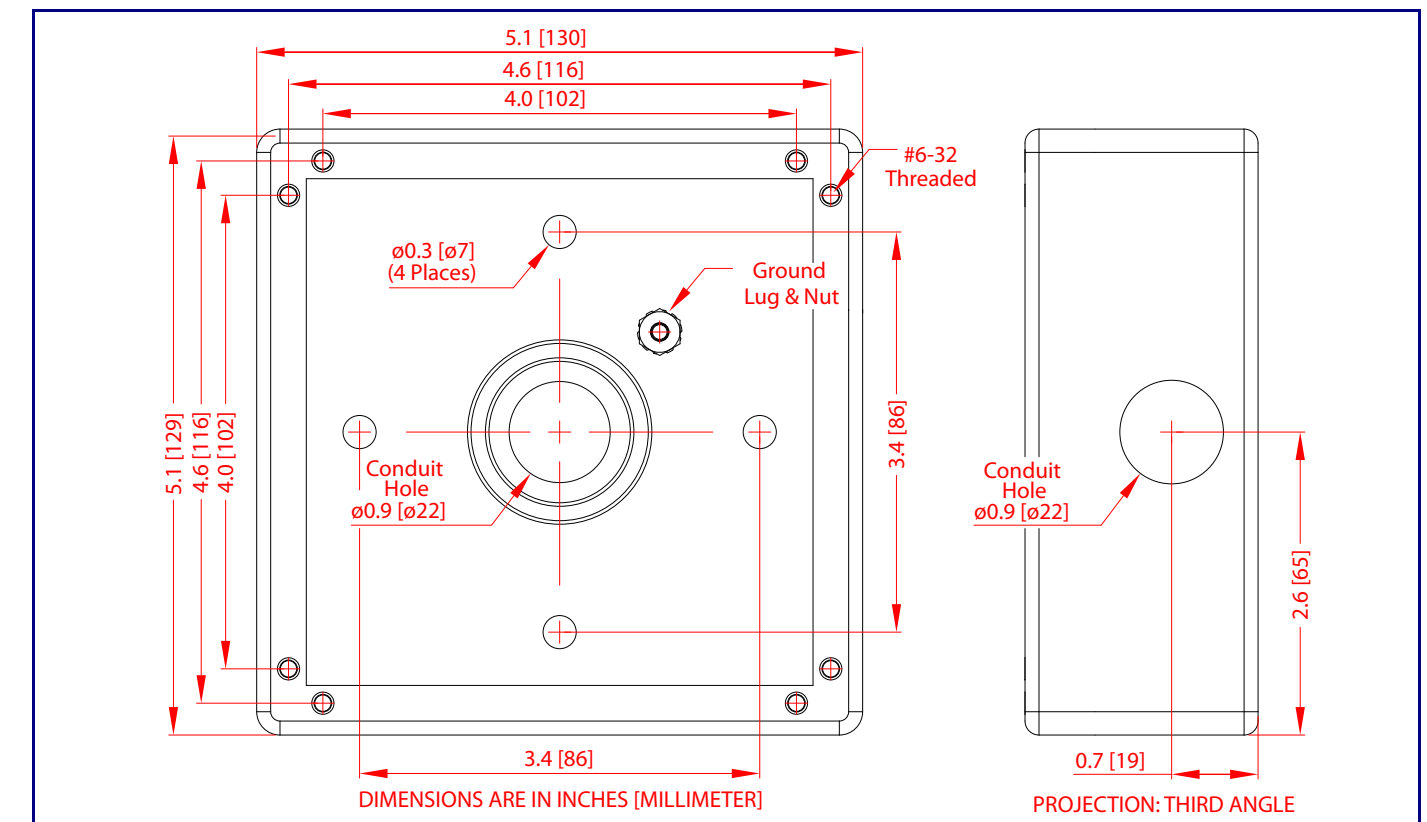
RTFM Button
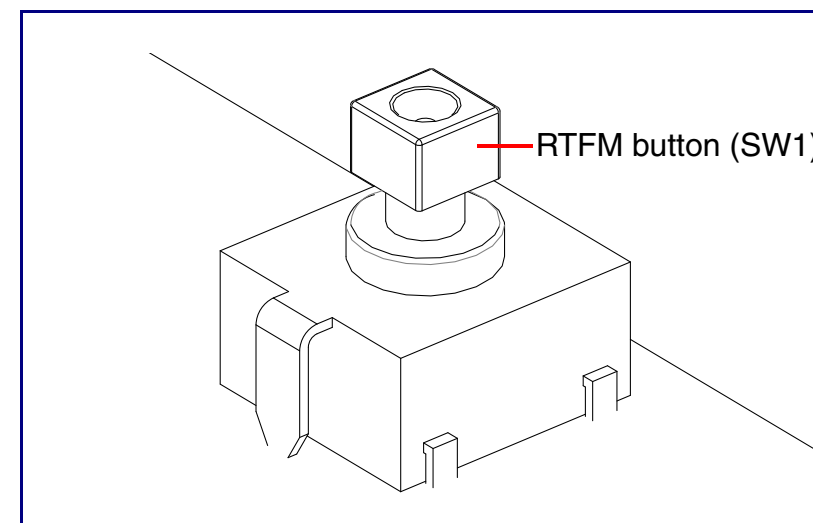
RTFM button (SW1)

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

To restore the device to factory default settings:

- Press and hold the RTFM button for longer than five seconds.

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).

Side Conduit Mounting Restrictions

Thread Depth Not to Exceed 0.4 Inch [10mm]

Backbox

Hole Plug Assembly

Locknut (Part of the Compression Connector)

Rubber Seal on This Side

Sealing Locknut (Optional, 1 Provided)

Thread Depth

1/2" EMT Compression Connector

1/2" EMT Conduit

Installation Steps:
1) Remove the hole plug assembly from the side of Backbox then use it to cover the rear conduit hole.
2) Remove the locknut from the EMT compression connector, and install the provided sealing locknut if the compression connector's thread depth exceeds 0.4 inch or 10 millimeters.
3) Insert the compression connector with the sealing locknut through the side conduit hole, and then fasten the locknut inside the backbox. Make sure the threads do not protrude out more than 0.4 inch or 10 millimeters.
4) Insert the EMT conduit into the EMT compression connector and then tighten.

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