



# *Auxiliary Outdoor RGB (Multi-Color) Strobe Kit Operations Guide*

Part #011490  
Document Part #931659A

CyberData Corporation  
3 Justin Court  
Monterey, CA 93940

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**Auxiliary Outdoor RGB (Multi-Color) Strobe Kit Operations Guide 931659A**  
**Part # 011490**

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Technical Support

The fastest way to get technical support for your VoIP product is to submit a VoIP Technical Support form at the following website:  
<http://support.cyberdata.net/>

Phone: (831) 373-2601, Ext. 333

Email: [support@cyberdata.net](mailto:support@cyberdata.net)

Fax: (831) 373-4193

Company and product information is at [www.cyberdata.net](http://www.cyberdata.net).

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## Revision Information

Revision 931659A was released on April 24, 2019.

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## Browsers Supported

The following browsers have been tested against firmware version 20.0.0:

- Internet Explorer (version: 11)
- Firefox (also called Mozilla Firefox) (version: 62.0)
- Chrome (version: 63.0.3239.132)
- Safari (version: 12)
- Microsoft Edge (version: 42.17134.1.0)

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## Pictorial Alert Icons

	<p><b>General Alert</b></p> <p>This pictorial alert indicates a potentially hazardous situation. This alert will be followed by a hazard level heading and more specific information about the hazard.</p>
	<p><b>Ground</b></p> <p>This pictorial alert indicates the Earth grounding connection point.</p>

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## Hazard Levels

**Danger:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This is limited to the most extreme situations.

**Warning:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**Caution:** Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It may also alert users against unsafe practices.

**Notice:** Indicates a statement of company policy (that is, a safety policy or protection of property).

The safety guidelines for the equipment in this manual do not purport to address all the safety issues of the equipment. It is the responsibility of the user to establish appropriate safety, ergonomic, and health practices and determine the applicability of regulatory limitations prior to use. Potential safety hazards are identified in this manual through the use of words Danger, Warning, and Caution, the specific hazard type, and pictorial alert icons.

# Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. Prior to installation, consult local building and electrical code requirements.
- 14. WARNING: The Auxiliary Outdoor RGB (Multi-Color) Strobe Kit enclosure is not rated for any AC voltages!**

 <p>GENERAL ALERT</p>	<p><b>Warning</b></p> <p><i>Electrical Hazard:</i> This product should be installed by a licensed electrician according to all local electrical and building codes.</p>
 <p>GENERAL ALERT</p>	<p><b>Warning</b></p> <p><i>Electrical Hazard:</i> To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.</p>
 <p>GENERAL ALERT</p>	<p><b>Warning</b></p> <p>The PoE connector is intended for intra-building connections only and does not route to the outside plant.</p>

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# Abbreviations and Terms

<b>Abbreviation or Term</b>	<b>Definition</b>
A-law	A standard companding algorithm, used in European digital communications systems to optimize, i.e., modify, the dynamic range of an analog signal for digitizing.
AVP	Audio Video Profile
Cat 5	TIA/EIA-568-B Category 5
DHCP	Dynamic Host Configuration Protocol
LAN	Local Area Network
LED	Light Emitting Diode
Mbps	Megabits per Second.
NTP	Network Time Protocol
PBX	Private Branch Exchange
PoE	Power over Ethernet (as per IEEE 802.3af standard)
RTFM	Reset Test Function Management
SIP	Session Initiated Protocol
u-law	A companding algorithm, primarily used in the digital telecommunication
UC	Unified Communications
VoIP	Voice over Internet Protocol

# Contents

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<b>Chapter 1 Product Overview</b>	<b>1</b>
1.1 How to Identify This Product .....	1
1.2 Product Features .....	2
1.3 Supported Protocols .....	2
1.4 Specifications .....	3
1.5 Compliance .....	4
1.5.1 CE Testing .....	4
1.5.2 FCC Statement .....	4
<b>Chapter 2 Installing the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit</b>	<b>5</b>
2.1 Parts List .....	5
2.2 Connecting the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit to the SIP Loudspeaker Amplifier .....	6
2.2.1 <a href="#">Connecting an Auxiliary Outdoor RGB Strobe to the Outdoor Intercom or Outdoor Call Button</a> .....	8
2.3 Web UI Pages .....	9
2.3.1 Using the Toggle Help Button .....	9
2.3.2 Configure the Device .....	11
2.3.3 Configure the SIP (Session Initiation Protocol) Parameters .....	13
2.3.4 Configure the Multicast Parameters .....	18
2.3.5 Configure the Sensor Configuration Parameters .....	20
<b>Appendix A Mounting the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit</b>	<b>23</b>
A.1 Mounting Components .....	23
A.2 Conduit Wall Mounting .....	24
A.3 Dimensions .....	25
<b>Appendix B Troubleshooting/Technical Support</b>	<b>27</b>
B.1 Frequently Asked Questions (FAQ) .....	27
B.2 Documentation .....	27
B.3 Contact Information .....	28
B.4 Warranty and RMA Information .....	28
<b>Index</b>	<b>29</b>

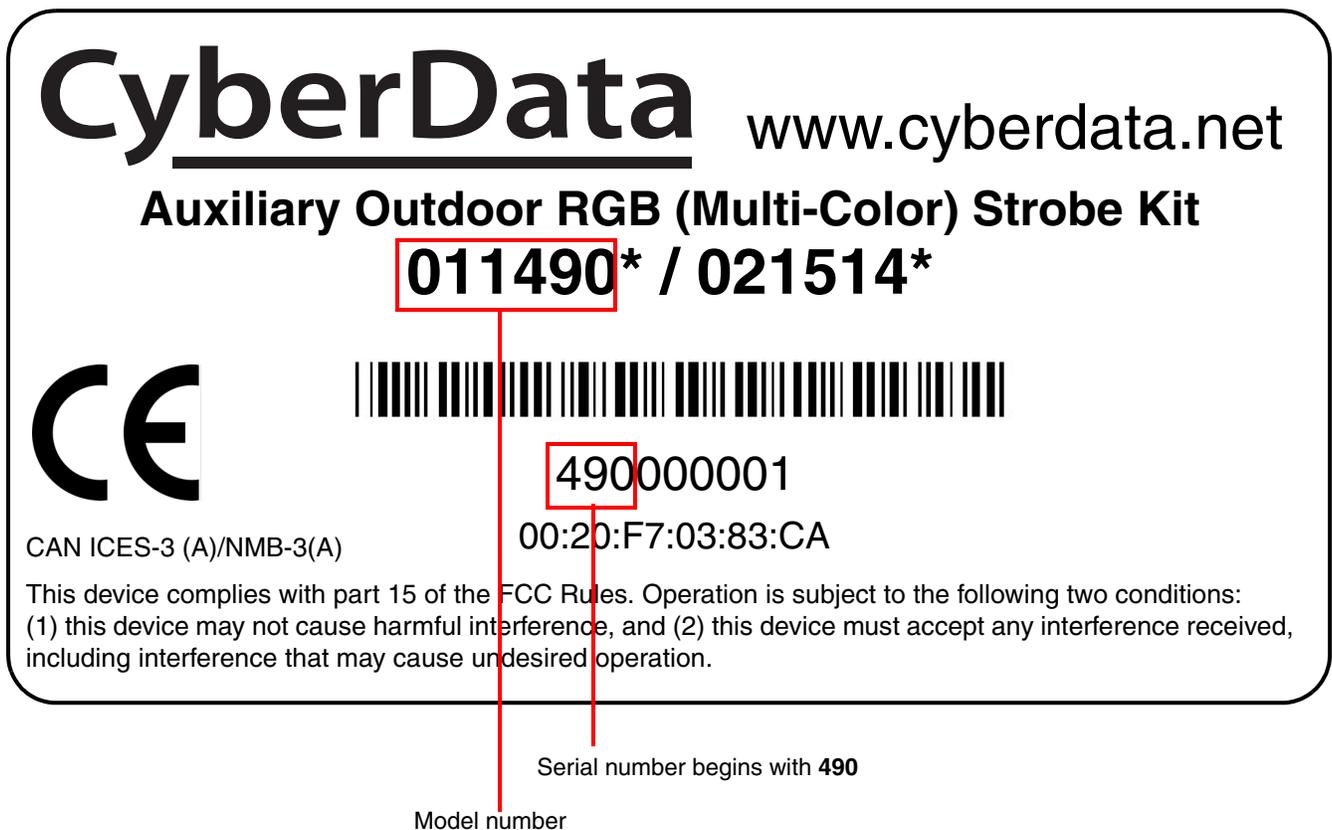
# 1 Product Overview

## 1.1 How to Identify This Product

To identify the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit, look for a model number label similar to the one shown in [Figure 1-1](#). Confirm the following:

- The model number on the label should be 011490.
- The serial number on the label should begin with 490.

Figure 1-1. Model Number Label



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## 1.2 Product Features

- Meets ADA requirements for telephony signaling and notification
- Five "scenes" with adjustable brightness for each strobe trigger
- Support for 10 multicast addresses
- SIP activation
- Mailbox message waiting indication
- Multicast activation
- Web-based setup
- PoE-powered

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## 1.3 Supported Protocols

When attached to a supported CyberData device, the Auxiliary RGB Strobe kit supports:

- SIP
- HTTP Web-based configuration

Provides an intuitive user interface for easy system configuration and verification of Auxiliary RGB Strobe Kit operations.

- RTP

## 1.4 Specifications

**Table 1-1. Specifications**

<b>Specifications</b>	
Power Input	Supplied by the supported CyberData VoIP endpoint
Light power	Up to 90 candela (user-selectable)
Flash rate	5 user-defined scenes
LED MTBF	100,000 Hours
IP Rating	IP66
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Dimensions <sup>a</sup>	5.1 inches [129.5 mm] Length 2.9 inches [73.66 mm] Width 5.1 inches [129.5 mm] Height
Weight	2.0 lbs [0.90 kg]
Boxed Weight	3.0 lbs [1.35 kg]
Part Number	011490

a. Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

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## 1.5 Compliance

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### 1.5.1 CE Testing

CE testing has been performed according to EN ISO/IEC 17050 for Emissions, Immunity, and Safety.

**Note** You can download the Declaration of Conformity document from the **Downloads** tab of the product's webpage.

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### 1.5.2 FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## 2 Installing the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit

### 2.1 Parts List

Table 2-2 illustrates the Auxiliary RGB Strobe Kit parts.

**Table 2-2. Parts List**

Quantity	Part Name	Illustration
1	Auxiliary RGB Strobe Kit Assembly	
1	Installation Quick Reference Guide	
1	Auxiliary RGB Strobe Kit Mounting Accessory Kit	

## 2.2 Connecting the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit to the SIP Loudspeaker Amplifier

1. Remove the mounting screw to remove the cover plate. See [Figure 2-2](#).
2. Remove the hole plug and grommet. See [Figure 2-2](#).
3. Connect the strobe cable to the device as shown in [Figure 2-2](#) and [Figure 2-3](#).
4. Slide the cover plate through the slot on the cable grommet. See [Figure 2-2](#).
5. Install the mounting screw to secure the cover plate. See [Figure 2-2](#).

**Figure 2-2. Connecting the RGB Strobe Kit to the SIP Paging Amplifier**

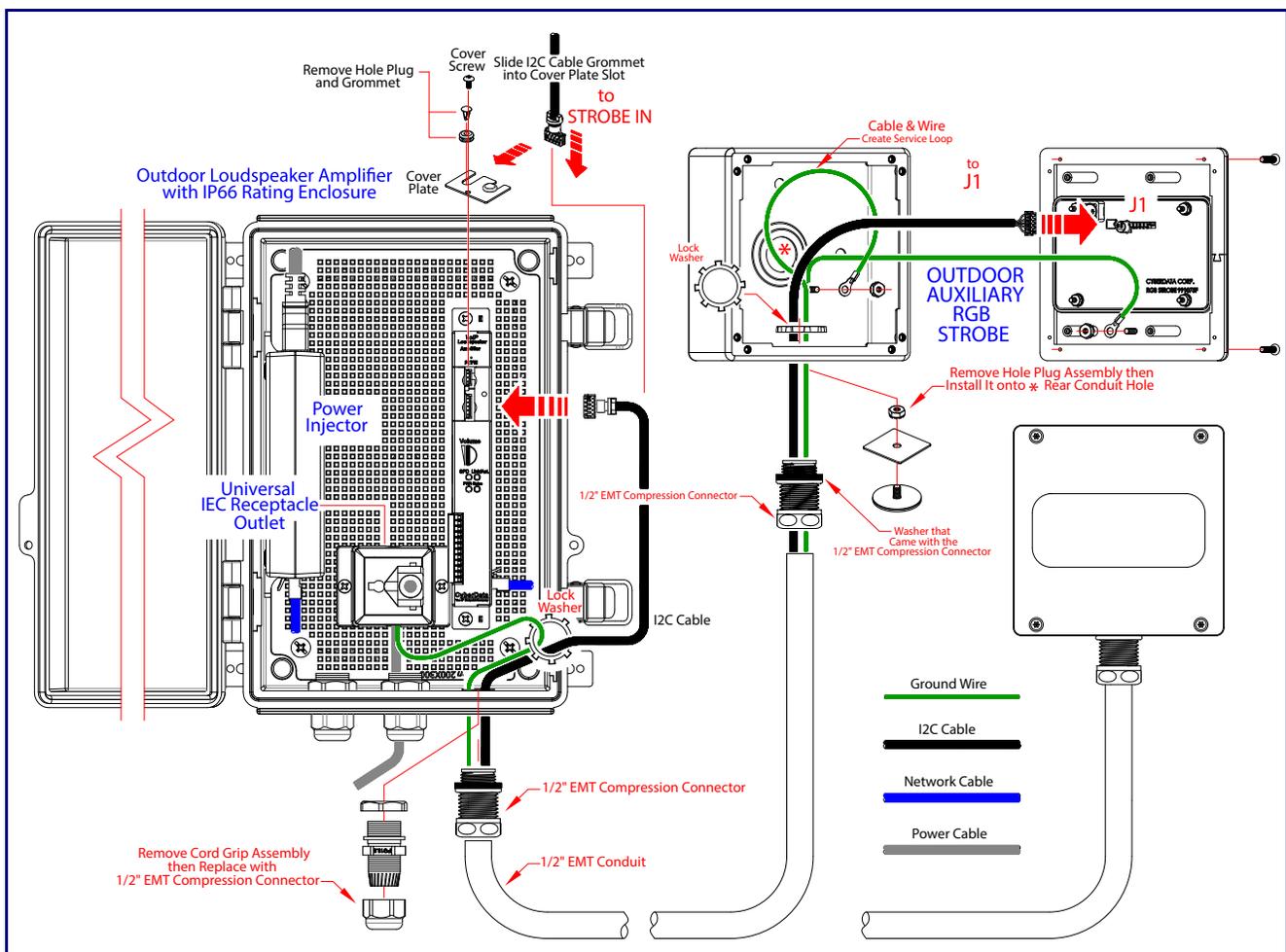
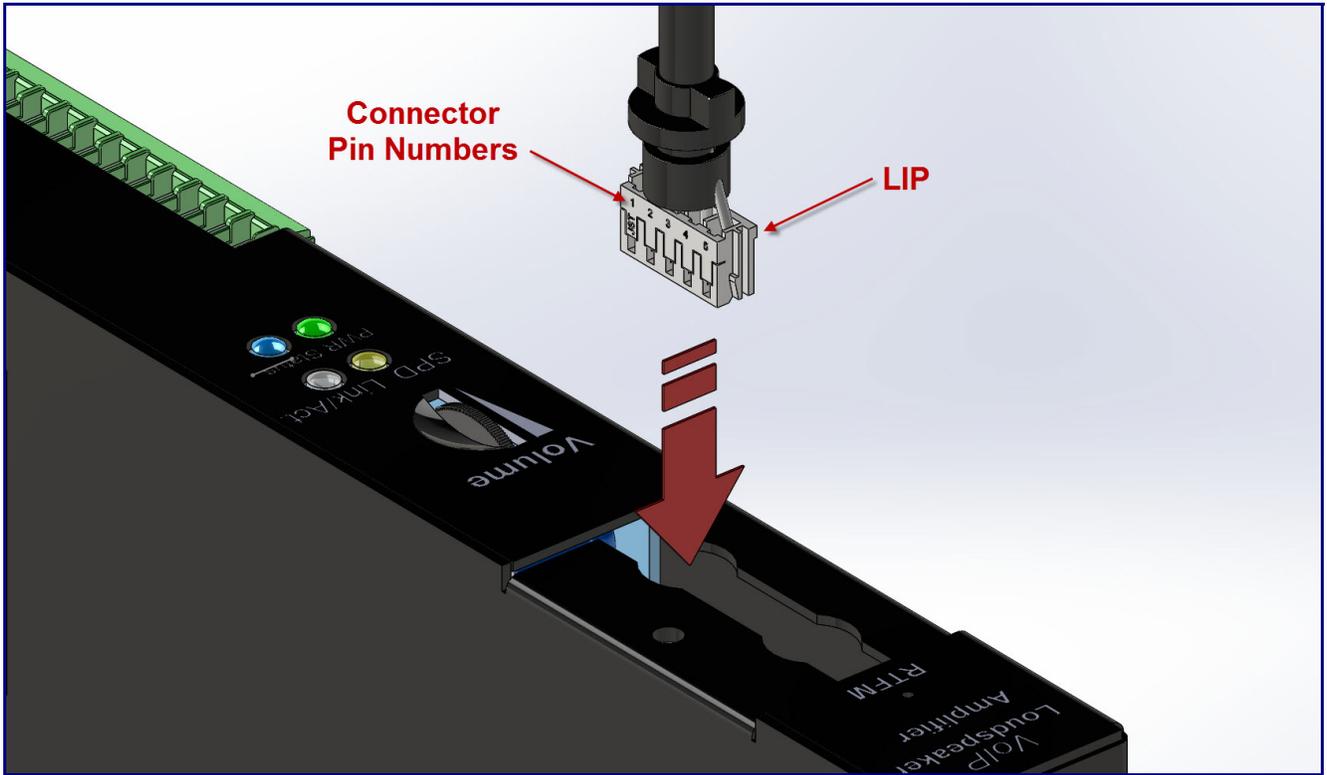


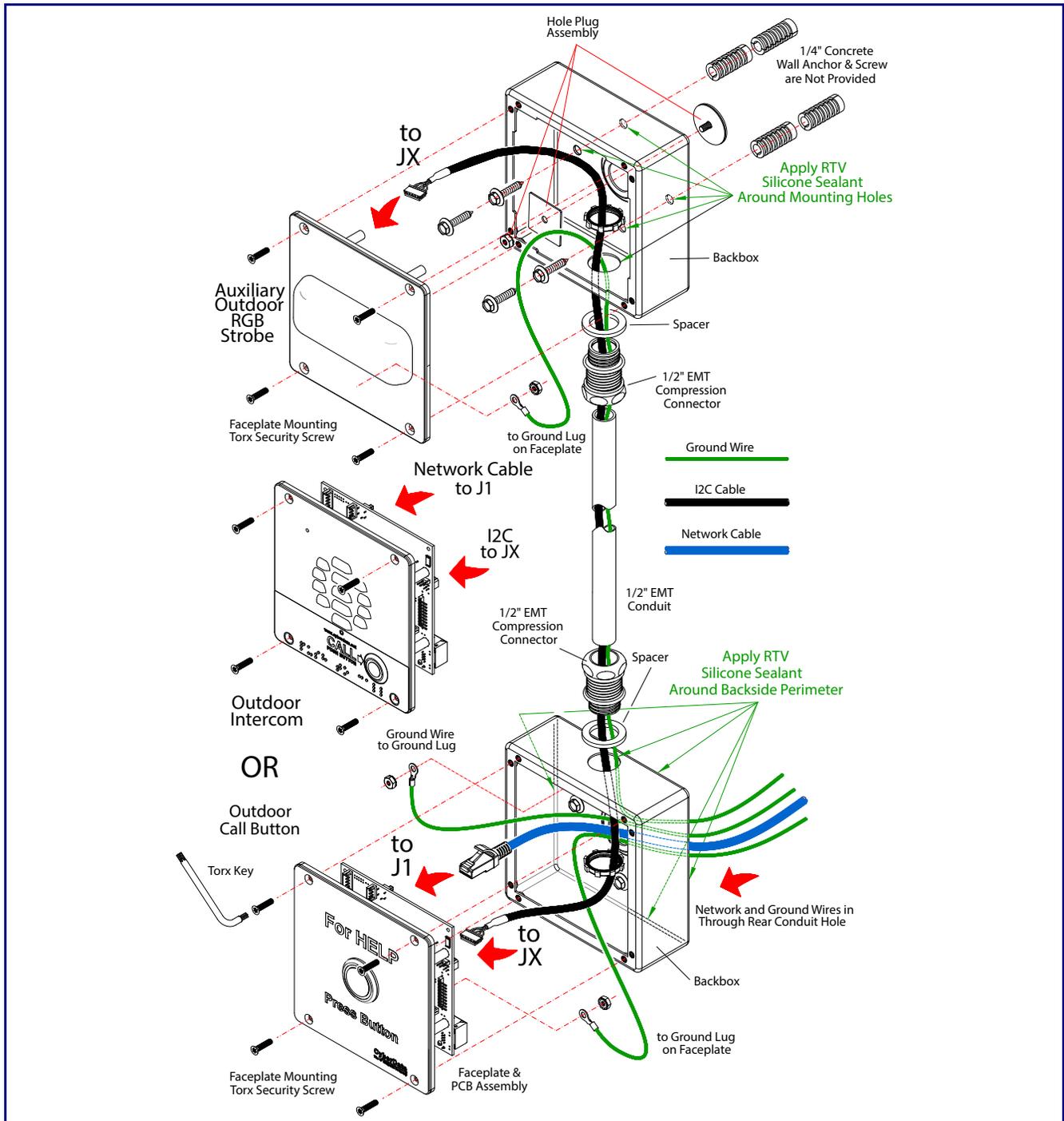
Figure 2-3. Strobe Cable Connection



## 2.2.1 Connecting an Auxiliary Outdoor RGB Strobe to the Outdoor Intercom or Outdoor Call Button

1. Connect the strobe cable to the board of the Auxiliary RGB Strobe and the board of the device as shown in [Figure 2-4](#).

**Figure 2-4. Connecting an Auxiliary Outdoor RGB Strobe to the Outdoor Intercom or Outdoor Call Button**



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## 2.3 Web UI Pages

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### 2.3.1 Using the Toggle Help Button

The **Toggle Help** button allows you to see a short description of some of the settings on the webpage. To use the **Toggle Help** button, do the following:

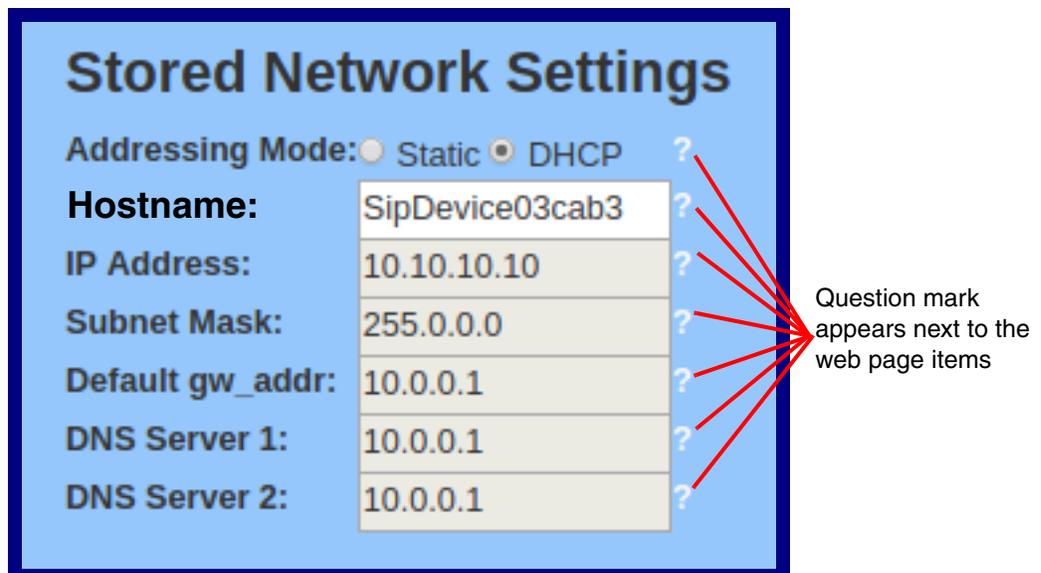
1. Click on the **Toggle Help** button that is on the UI webpage. See [Figure 2-5](#) and [Figure 2-6](#).

**Figure 2-5. Toggle/Help Button**



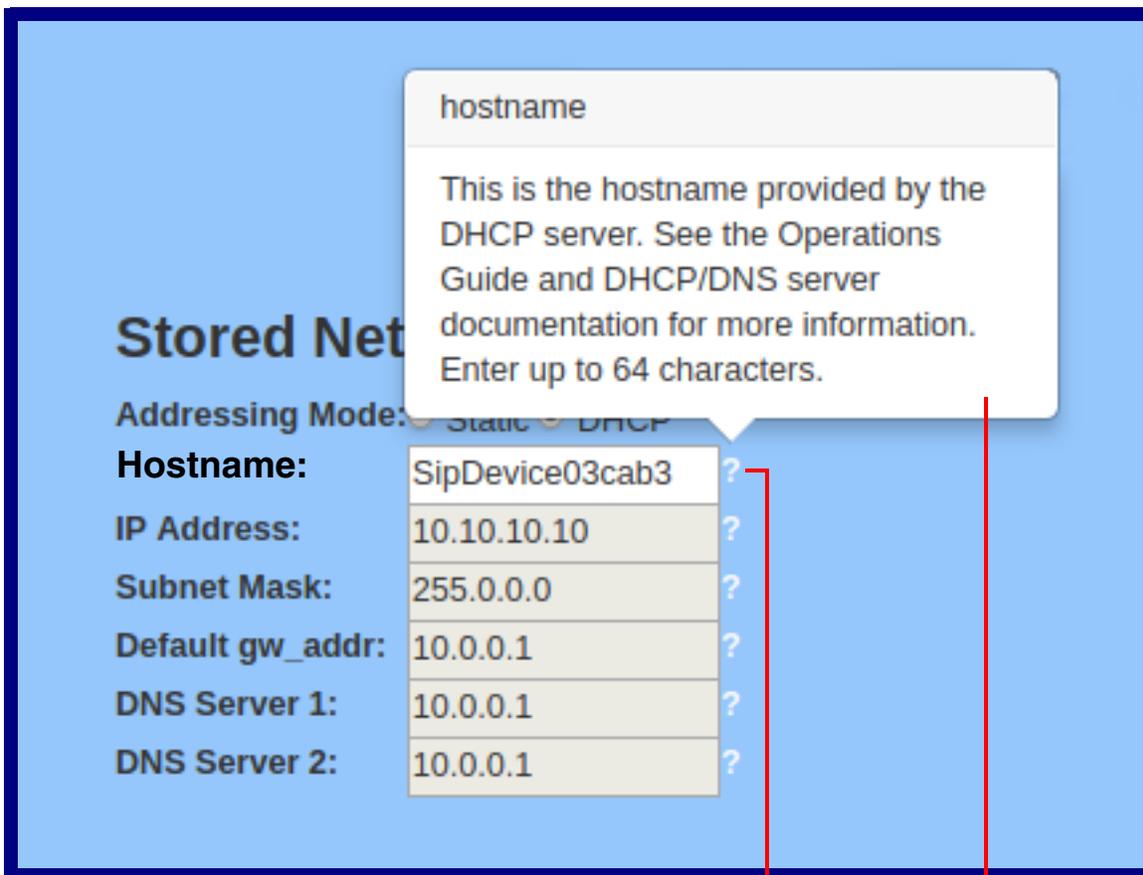
2. You will see a question mark (?) appear next to each web page item that has been provided with a short description by the Help feature. See [Figure 2-6](#).

**Figure 2-6. Toggle Help Button and Question Marks**



3. Move the mouse pointer to hover over the question mark (?), and a short description of the web page item will appear. See [Figure 2-7](#).

**Figure 2-7. Short Description Provided by the Help Feature**



Question mark

A short description of the web page item will appear

## 2.3.2 Configure the Device

1. Click the **Device** menu button to open the **Device** page. See [Figure 2-8](#).

**Figure 2-8. Device Configuration Page**

The screenshot displays the configuration interface for a Singlewire Outdoor Intercom. The page is organized into several functional sections:

- Volume Settings (0-9):** Includes sliders for SIP Volume, Multicast Volume, Ring Volume, Sensor Volume, Push to Talk Volume, and InformaCast Volume (set to 'Set on the Singlewire server').
- Microphone Settings (0-9):** Includes sliders for Microphone Gain and Push to Talk Microphone Gain.
- Clock Settings:** Features checkboxes for 'Enable NTP', a text field for 'NTP Server' (north-america.pool.ntp.org), a dropdown for 'Timezone' (America/Los\_Angeles), and a 'Current Time' display (Wed, 20 Feb 2019 13:46:16).
- InformaCast Settings:** Includes a text field for 'InformaCast Address'.
- Relay Settings:** Includes checkboxes for 'Activate Relay with DTMF code', 'Play Tone During DTMF Activation', 'Activate Relay During Ring', 'Activate Relay During Night Ring', 'Activate Relay While Call Active', 'Activate Relay On Button Press', and 'Activate Relay on InformaCast'. It also has text fields for 'Relay Pulse Code' (123), 'Relay Pulse Duration (in seconds)' (2), 'Relay Activation Code' (456), and 'Relay Deactivation Code' (654).
- Misc Settings:** Includes a 'Device Name' dropdown (Outdoor Intercom), checkboxes for 'Auto-Answer Incoming Calls', 'Button Lit when Idle', 'Play Ringback Tone', 'Enable Push to Talk', 'Enable DTMF Push to Talk', 'Prevent Call Termination', and 'Disable HTTPS (NOT recommended)'. It also has a 'Button Brightness (0-255)' slider (255).
- InformaCast Strobe Settings:** A table with 10 rows, each representing a different scene with its own priority, scene name, brightness, and color options (Red, Green, Blue). Each row has a 'Preview' button.

At the bottom of the page, there are control buttons: 'Save', 'Reboot', 'Toggle Help', 'Test Audio', 'Test Microphone', and 'Test Relay'.

2. On the **Device** page, you may enter values for the parameters indicated in [Table 2-3](#).

**Note** The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

**Table 2-3. Device Configuration Parameters**

Web Page Item	Description
<b>Singlewire Broadcast Strobe Settings</b>	For up to 10 Singlewire pages, when a priority is specified for the page, a corresponding strobe scene will be activated. The color may be selected from the drop down menu, or customized by the user with the 0-255 scale. Brightness is specified with a value between 0 and 255.  <b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Priority ?	Indicates the priority of the Singlewire broadcast, with 1 the highest priority and 10 the lowest.
Scene ?	Use this section to select the strobe flashing behavior for the Singlewire Broadcast.
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select the desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when there is a Singlewire Broadcast. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for the Singlewire Broadcast.
Green ?	The green LED value for the Singlewire Broadcast.
Blue ?	The blue LED value for the Singlewire Broadcast.
	Use this button to preview the strobe flashing behavior for the <b>Sensor Strobe Settings</b> .

## 2.3.3 Configure the SIP (Session Initiation Protocol) Parameters

1. Click on the **SIP** menu button to open the **SIP** page (Figure 2-9).

Figure 2-9. SIP Configuration Page

The screenshot shows the SIP Configuration Page for a CyberData Device. The page is titled "CyberData Device" and has a navigation bar with tabs: Home, Device, Network, SIP, SSL, Multicast, Sensor, Audiofiles, Events, DSR, Autopro, Firmware. The main content area is divided into several sections:

- SIP Settings:**
  - Enable SIP operation:
  - Register with a SIP Server:
  - Primary SIP Server: 10.0.0.253
  - Primary SIP User ID: 199
  - Primary SIP Auth ID: 199
  - Primary SIP Auth Password: \*\*\*\*\*
  - Re-registration Interval (in seconds): 360
  - Backup SIP Server 1: [Empty]
  - Backup SIP User ID: [Empty]
  - Backup SIP Auth ID: [Empty]
  - Backup SIP Auth Password: [Empty]
  - Re-registration Interval (in seconds): 360
  - Backup SIP Server 2: [Empty]
  - Backup SIP User ID: [Empty]
  - Backup SIP Auth ID: [Empty]
  - Backup SIP Auth Password: [Empty]
  - Re-registration Interval (in seconds): 360
  - Remote SIP Port: 5060
  - Local SIP Port: 5060
  - SIP Transport Protocol: UDP
  - TLS Version: 1.2 only (recommended)
  - Verify Server Certificate:
- Nightringer Settings:**
  - SIP Server: [Empty]
  - SIP User ID: [Empty]
  - SIP Auth ID: [Empty]
  - SIP Auth Password: [Empty]
  - Re-registration Interval (in seconds): 360
- SIP Ring Strobe Settings:**
  - Blink Strobe on Ring:
  - Scene: ADA
  - Brightness: 255
  - Color: [Color Selection]
  - Red: 255
  - Green: 255
  - Blue: 255
  - Preview: [Preview Button]
- SIP Call Strobe Settings:**
  - Blink Strobe during Call:
  - Scene: ADA
  - Brightness: 255
  - Color: [Color Selection]
  - Red: 255
  - Green: 255
  - Blue: 255
  - Preview: [Preview Button]
- MWI Strobe Settings:**
  - Blink Strobe on MWI:
  - Scene: ADA
  - Brightness: 255
  - Color: [Color Selection]
  - Red: 255
  - Green: 255
  - Blue: 255
  - Preview: [Preview Button]

The strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

Figure 2-10. SIP Configuration Page

The strobe settings will only appear if a CyberData Strobe product is connected to your device.  
 If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

Outbound Proxy:

Outbound Proxy Port:

Use Cisco SRST:

Disable rport Discovery:

Unregister on Boot:

Keep Alive Period:

### Nightringer Strobe Settings

Blink Strobe on Nightring:

Scene	Brightness	Color	Red	Green	Blue	
ADA	255	Color	255	255	255	Preview

### Dial Out Settings

Dial out Extension:

Extension ID:

Send Multicast Audio:

Multicast Address:

Multicast Port:

Repeat Message:

### Call Disconnection

Terminate Call after delay:

### Audio Codec Selection

Codec:

### RTP Settings

RTP Port (even):

Jitter Buffer:

2. On the **SIP** page, enter values for the parameters indicated in [Table 2-4](#).

**Note** The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

**Table 2-4. SIP Configuration Parameters**

Web Page Item	Description
<b>SIP Ring Strobe Settings</b>	<b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Blink Strobe on Ring ?	When selected, the Strobe will blink a scene when ringing.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when there is a SIP Ring. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for SIP Ring.
Green ?	The green LED value for SIP Ring.
Blue ?	The blue LED value for SIP Ring.
	Use this button to preview the strobe flashing behavior for the <b>SIP Ring Strobe Settings</b> .
<b>SIP Call Strobe Settings</b>	<b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Blink Strobe during Call ?	When selected, the Strobe will blink a scene during a call.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.

Table 2-4. SIP Configuration Parameters (Continued)

Web Page Item	Description
Color 	Select desired color (only one may be chosen).
Brightness 	How bright the strobe will blink when there is a SIP Call. This is the maximum brightness for “fade” type scenes.
Red 	The red LED value for SIP Call.
Green 	The green LED value for SIP Call.
Blue 	The blue LED value for SIP Call.
	Use this button to preview the strobe flashing behavior for the <b>SIP Call Strobe Settings</b> .
<b>MWI Strobe Settings</b>	<b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Blink Strobe on MWI 	When selected, the strobe will blink a scene when a voicemail is waiting for its extension.
Scene 	Select desired scene (only one may be chosen).
ADA Compliant 	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade 	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade 	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink 	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink 	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
MWI Call Color 	Select desired color (only one may be chosen).
Brightness 	How bright the strobe will blink when there is a message waiting. This is the maximum brightness for “fade” type scenes.
Red 	The red LED value for MWI.
Green 	The green LED value for MWI.
Blue 	The blue LED value for MWI.
	Use this button to preview the strobe flashing behavior for the <b>MWI Strobe Settings</b> .
<b>Nightringer Strobe Settings</b>	<b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Blink Strobe on Nightring 	When selected, the Strobe will blink a scene when the Nightringer is ringing.
Scene 	Select desired scene (only one may be chosen).
ADA Compliant 	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade 	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.

Table 2-4. SIP Configuration Parameters (Continued)

Web Page Item	Description
Fast Fade <a href="#">?</a>	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink <a href="#">?</a>	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink <a href="#">?</a>	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color <a href="#">?</a>	Select desired color (only one may be chosen).
Brightness <a href="#">?</a>	How bright the strobe will blink when the Nightringer is ringing. This is the maximum brightness for "fade" type scenes.
Red <a href="#">?</a>	The red LED value for Nightringer.
Green <a href="#">?</a>	The green LED value for Nightringer.
Blue <a href="#">?</a>	The blue LED value for Nightringer.
	Use this button to preview the strobe flashing behavior for the <b>Nightringer Strobe Settings</b> .

## 2.3.4 Configure the Multicast Parameters

The Multicast Configuration page allows the device to join up to ten paging zones for receiving ulaw/alaw encoded RTP audio streams.

A paging zone can consist of one or many CyberData multicast group-enabled products. There is no limit to how many speakers can be in a given paging zone. Each multicast group is defined by a multicast address and port number.

Each multicast group is assigned a priority, allowing simultaneously arriving pages to be serviced based on importance. Multicast groups are compatible with IGMP through version 3. The device supports simultaneous SIP and Multicast.

1. Click on the **Multicast** menu button to open the **Multicast** page. See [Figure 2-11](#).

**Figure 2-11. Multicast Configuration Page**

**CyberData Indoor Intercom**

**Multicast Settings**

Enable Multicast Operation:

Priority	Address	Port	Name	Beep	Relay	Scene	Brightness	Color	Red	Green	Blue	
0	239.168.3.1	2000	Background Music	<input type="checkbox"/>	<input type="checkbox"/>	Slow Fade	255	Color	255	255	255	Preview
1	239.168.3.2	3000	MG1	<input type="checkbox"/>	<input type="checkbox"/>	Fast Fade	25	White			0	Preview
2	239.168.3.3	4000	MG2	<input type="checkbox"/>	<input type="checkbox"/>	Slow Blink	125	Yellow			0	Preview
3	239.168.3.4	5000	MG3	<input type="checkbox"/>	<input type="checkbox"/>	Fast Blink	240	Orange			128	Preview
4	239.168.3.5	6000	MG4	<input type="checkbox"/>	<input type="checkbox"/>	Fast Fade	80	Red			255	Preview
5	239.168.3.6	7000	MG5	<input type="checkbox"/>	<input type="checkbox"/>	Slow Blink	15	Pink			60	Preview
6	239.168.3.7	8000	MG6	<input type="checkbox"/>	<input type="checkbox"/>	Off	255	Purple			255	Preview
7	239.168.3.8	9000	MG7	<input type="checkbox"/>	<input type="checkbox"/>	Slow Fade	35	Blue			0	Preview
8	239.168.3.9	10000	MG8	<input type="checkbox"/>	<input type="checkbox"/>	Fast Blink	255	Teal			0	Preview
9	239.168.3.10	11000	Emergency	<input type="checkbox"/>	<input type="checkbox"/>	ADA	255	Lime			0	Preview

Polycom Default Channel: 1  
 Polycom Priority Channel: 24  
 Polycom Emergency Channel: 25

*SIP calls are considered priority 4.5*  
*Port range can be from 2000-65535*  
*Priority 9 is the highest and 0 is the lowest*  
*A higher priority audio stream will always supersede a lower one*  
*Priority 9 streams will play at maximum volume*

Save Reboot

The strobe settings will only appear if a CyberData Strobe product is connected to your device.  
 If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.

2. On the **Multicast** page, enter values for the parameters indicated in [Table 2-5](#).

**Note** The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

**Table 2-5. Multicast Page Parameters**

Web Page Item	Description
Scene ?	Select desired scene (only one may be chosen).  <b>Note: The strobe settings will only appear if you are using the Strobe Kit. If you are not using the Strobe Kit, you will not see the strobe settings.</b>
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink on a multicast page. This is the maximum brightness for “fade” type scenes.
Red ?	The red LED value for Multicast.
Green ?	The green LED value for Multicast.
Blue ?	The blue LED value for Multicast.
	Use this button to preview the strobe flashing behavior for the <b>Multicast Strobe Settings</b> .

## 2.3.5 Configure the Sensor Configuration Parameters

1. Click **Sensor** menu button to open the **Sensor** page (Figure 2-12).

Figure 2-12. Sensor Configuration Page

The screenshot shows the 'Sensor' configuration page for a CyberData Indoor Intercom. The page is titled 'CyberData Indoor Intercom' and features a navigation menu at the top with tabs for Home, Device, Network, SIP, SSL, Multicast, Sensor, Audiofiles, Events, DSR, Autopro, and Firmware. The 'Sensor' tab is selected.

The configuration is divided into three main sections:

- Door Sensor Settings:** Includes options for 'Door Sensor Normally Closed' (Yes/No), 'Door Open Timeout (in seconds): 0', 'Flash Button LED', 'Activate Relay', 'Play Audio Locally', 'Make call to extension', 'Dial Out Extension: 204', 'Dial Out ID: id204', 'Play recorded audio', and 'Repeat Sensor Message: 0'.
- Intrusion Sensor Settings:** Includes options for 'Flash Button LED', 'Activate Relay', 'Play Audio Locally', 'Make call to extension', 'Dial Out Extension: 204', 'Dial Out ID: id204', 'Play recorded audio', and 'Repeat Intrusion Message: 0'.
- Intrusion Strobe Settings:** Includes a 'Blink Strobe on Intrusion' checkbox and a table for configuring strobe settings. The table has columns for Scene, Color, Brightness, Red, Green, and Blue. The current settings are: Scene: ADA, Color: 255, Brightness: 255, Red: 255, Green: 255, Blue: 255. A 'Preview' button is next to the table.

At the bottom of the page, there are buttons for 'Save', 'Reboot', 'Toggle Help', 'Test Door Sensor', and 'Test Intrusion Sensor'. A callout box states: 'The strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.'

2. On the **Sensor** page, enter values for the parameters indicated in [Table 2-6](#).

**Note** The question mark icon (?) in the following table shows which web page items will be defined after the **Toggle Help** button is pressed.

**Table 2-6. Sensor Configuration Parameters**

Web Page Item	Description
<b>Sensor Strobe Settings</b>	<b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Blink Strobe on Sensor ?	When selected, the Strobe will blink a scene when the sensor is triggered.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink ?	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color ?	Select desired color (only one may be chosen).
Brightness ?	How bright the strobe will blink when the sensor is triggered. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for the Sensor.
Green ?	The green LED value for the Sensor.
Blue ?	The blue LED value for the Sensor.
	Use this button to preview the strobe flashing behavior for the <b>Sensor Strobe Settings</b> .
<b>Intrusion Sensor Strobe Settings</b>	<b>The following strobe settings will only appear if a CyberData Strobe product is connected to your device. If a CyberData Strobe product is not connected to your device, you will not see the strobe settings.</b>
Blink Strobe on Intrusion Sensor ?	When selected, the Strobe will blink a scene when the intrusion sensor is triggered.
Scene ?	Select desired scene (only one may be chosen).
ADA Compliant ?	Strobe will blink ON at the specified brightness for 150ms then OFF for 350ms during the duration of the event.
Slow Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 3.5 seconds during the duration of the event.

Table 2-6. Sensor Configuration Parameters (Continued)

Web Page Item	Description
Fast Fade <a href="#">?</a>	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink <a href="#">?</a>	Strobe will blink ON at the specified brightness for one second then OFF for one second during the duration of the event.
Fast Blink <a href="#">?</a>	Strobe will blink ON at the specified brightness then OFF five times per second during the duration of the event.
Color <a href="#">?</a>	Select desired color (only one may be chosen).
Brightness <a href="#">?</a>	How bright the strobe will blink when the intrusion sensor is triggered. This is the maximum brightness for “fade” type scenes.
Red <a href="#">?</a>	The red LED value for the Intrusion Sensor.
Green <a href="#">?</a>	The green LED value for the Intrusion Sensor.
Blue <a href="#">?</a>	The blue LED value for the Intrusion Sensor.
<a href="#">Preview</a>	Use this button to preview the strobe flashing behavior for the <b>Intrusion Sensor Strobe Settings</b> .

# Appendix A: Mounting the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit

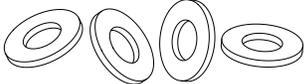
## A.1 Mounting Components

Before you mount the Auxiliary RGB Strobe Kit, make sure that you have received all the parts for each Auxiliary RGB Strobe Kit. Refer to the following tables.

**Table A-1. Mounting Components (Part of the Accessory Kit)**

Quantity	Part Name	Illustration
1	T-15H Torx Key	
4	Security Torx Screw	

**Table A-2. Optional Accessories (for gooseneck mounting)**

Quantity	Part Name	Illustration
4	Carriage bolt nuts	
4	Carriage bolts	
4	Carriage bolt washers	

**Table A-3. Optional Accessories**

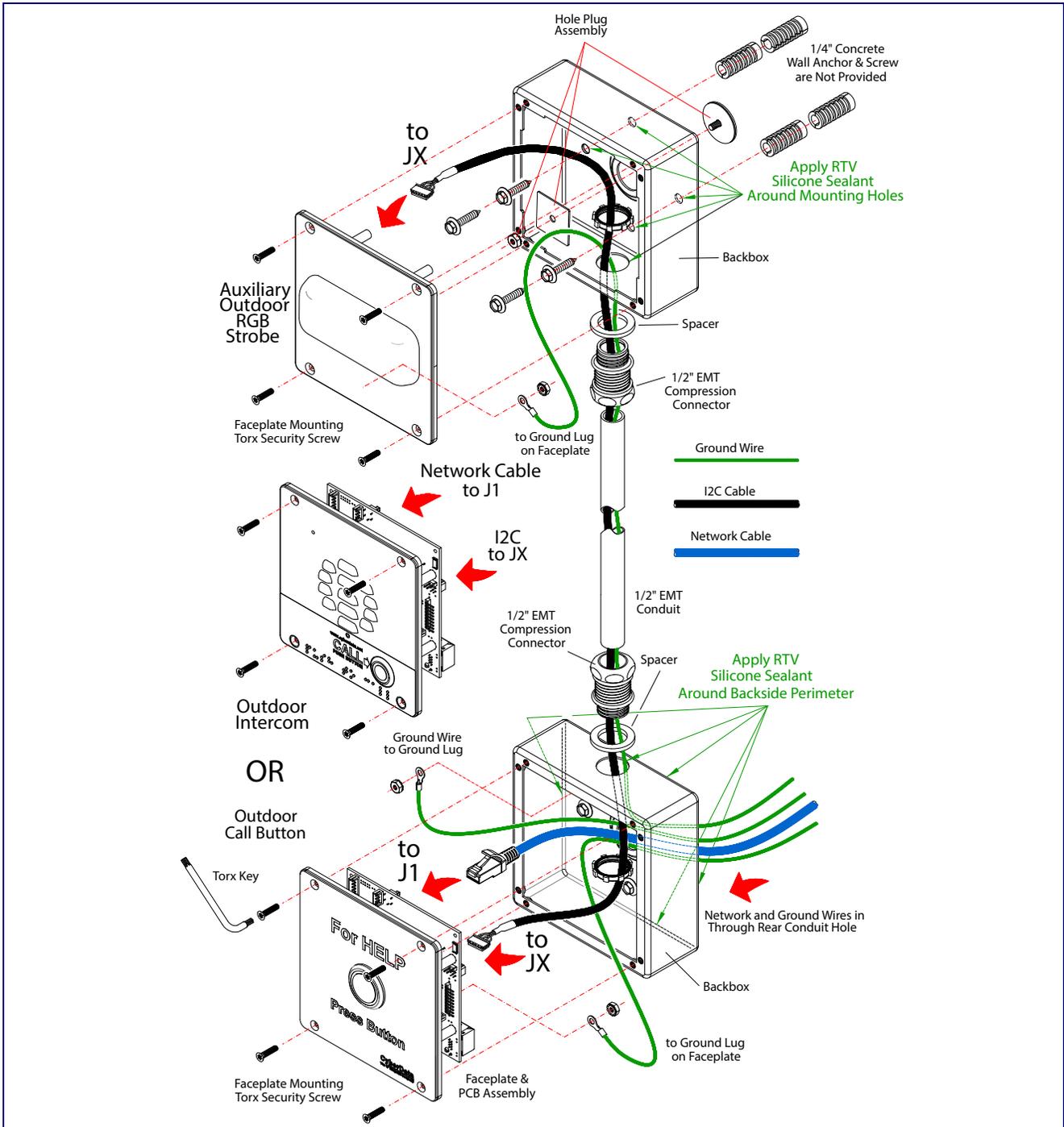
Quantity	Part Name	Illustration
1	Spacer for half-inch set conduit connector	
1	531085* hole plug assembly	

# A.2 Conduit Wall Mounting

Figure A-1 shows the Conduit Wall Mounting (Outdoor Intercom or Outdoor Call Button) for the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit.

**Note** Be sure to connect the Auxiliary RGB Strobe Kit to the Earth Ground.

**Figure A-1. Conduit Wall Mounting (Outdoor Intercom or Outdoor Call Button)**



# A.3 Dimensions

Figure A-2. Unit Dimensions—Front and Side View

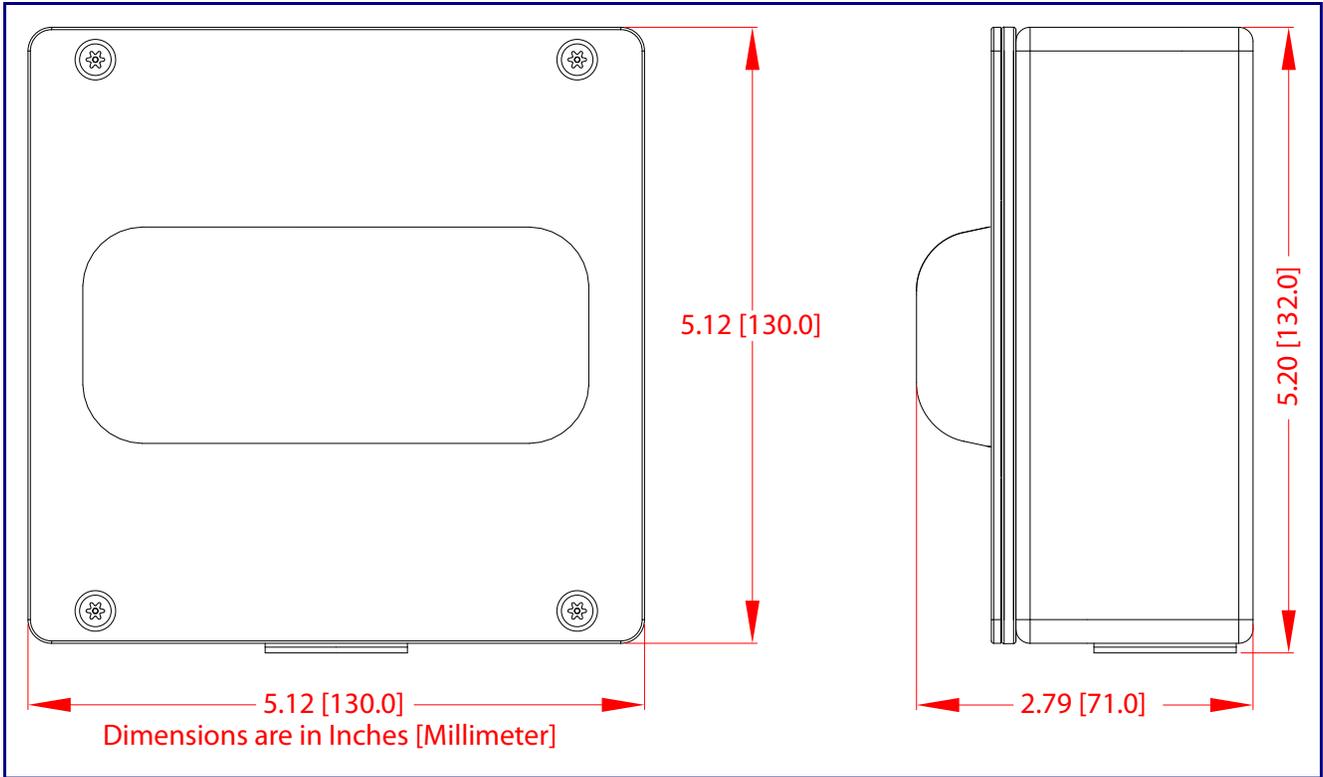
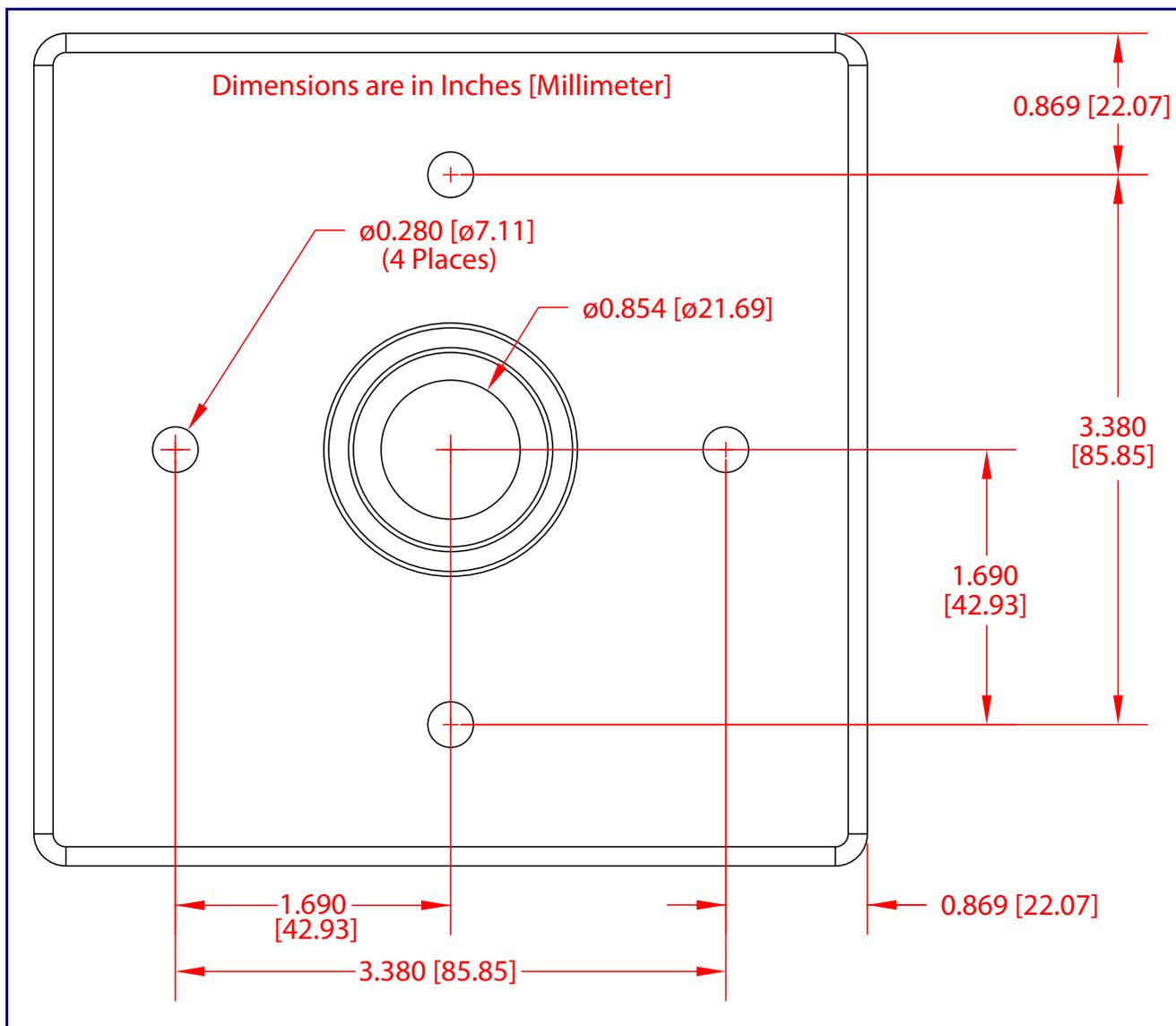


Figure A-3. Unit Dimensions—Rear View with Mounting Hole Locations



# Appendix B: Troubleshooting/Technical Support

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## B.1 Frequently Asked Questions (FAQ)

To see a list of frequently asked questions for your product, click on the **FAQs** tab at the following webpage:

<https://www.cyberdata.net/products/011490>

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## B.2 Documentation

The documentation for this product is released in an English language version only.

To download PDF copies of CyberData product documentation, click on the **Downloads** tab at the following webpage:

<https://www.cyberdata.net/products/011490>

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## B.3 Contact Information

Contact            CyberData Corporation  
                         3 Justin Court  
                         Monterey, CA 93940 USA  
                         [www.CyberData.net](http://www.CyberData.net)  
                         Phone: 800-CYBERDATA (800-292-3732)  
                         Fax: 831-373-4193

Sales                Sales 831-373-2601, Extension 334

Technical            The fastest way to get technical support for your VoIP product is to submit a VoIP Technical  
Support              Support form at the following website:

<http://support.cyberdata.net/>

The Support Form initiates a ticket which CyberData uses for tracking customer requests. Most importantly, the Support Form tells us which PBX system and software version that you are using, the make and model of the switch, and other important information. This information is essential for troubleshooting. Please also include as much detail as possible in the **Comments** section of the Support Form.

Phone: (831) 373-2601, Extension 333

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## B.4 Warranty and RMA Information

The most recent warranty and RMA information is available at the following website address:

<http://support.cyberdata.net/>

# Index

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## C

- changing
  - the web access password 11
- configurable parameters 12, 15
- configuration
  - door sensor 20
  - intrusion sensor 20
  - SIP 13
- configuration page
  - configurable parameters 12
- contact information 28
- contact information for CyberData 28
- CyberData contact information 28

## D

- default
  - device settings 29
- device configuration 11
- device configuration page 11
- device configuration parameters 12
- device configuration password
  - changing for web configuration access 11
- DHCP Client 2
- dimensions 3
  - unit dimensions—front and side view 25
  - unit dimensions—rear view and mounting hole locations 26

## E

- earth ground 24

## H

- http web-based configuration 2

## I

- identifying your product 1
- intercom configuration page
  - configurable parameters 15

## M

- mounting
  - optional accessories 23

## P

- part number 3
- parts list 5
- power input 3
- product
  - parts list 5
- product features 2
- product overview
  - product features 2
  - product specifications 3
  - supported protocols 2
  - supported SIP servers 3
- product specifications 3
- protocols supported 2

## R

- resetting the IP address to the default 23, 27
- restoring factory default settings 29
- RTP/AVP 2

## S

- sales 28
- sensor setup page 20
- sensor setup parameters 20
- service 28
- SIP (session initiation protocol) 2
- SIP configuration 13
- SIP server
  - SIP servers supported 3
- supported protocols 2

## T

- tech support 28
- technical support, contact information 28

## U

- unit dimensions—front and side view 25
- unit dimensions—rear view and mounting hole locations  
26
- username
  - changing for web configuration access 11

## W

- warranty policy at CyberData 28
- weight 3