CyberData

The IP Endpoint Company

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

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

CyberData
The IP Endpoint Company

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
Fax: (831) 373-4193
Company and product information is at **www.cyberdata.net**.

Revision Information
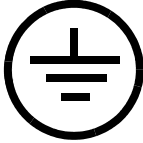
Revision 931659A was released on April 24, 2019.

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)

Pictorial Alert Icons

⚠ GENERAL ALERT	**General Alert** 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.
⏚	**Ground** This pictorial alert indicates the Earth grounding connection point.

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!**

⚠ GENERAL ALERT	Warning *Electrical Hazard:* This product should be installed by a licensed electrician according to all local electrical and building codes.

⚠ GENERAL ALERT	Warning *Electrical Hazard:* To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

⚠ GENERAL ALERT	Warning The PoE connector is intended for intra-building connections only and does not route to the outside plant.

Abbreviations and Terms

Abbreviation or Term	Definition
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

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

CyberData www.cyberdata.net

Auxiliary Outdoor RGB (Multi-Color) Strobe Kit

011490* / 021514*

CE

490000001

00:20:F7:03:83:CA

CAN ICES-3 (A)/NMB-3(A)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Serial number begins with **490**

Model number

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

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

Specifications	
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[a]	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.

1.5 Compliance

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.
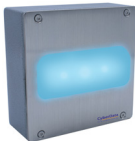
1.5.2 FCC Statement

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.

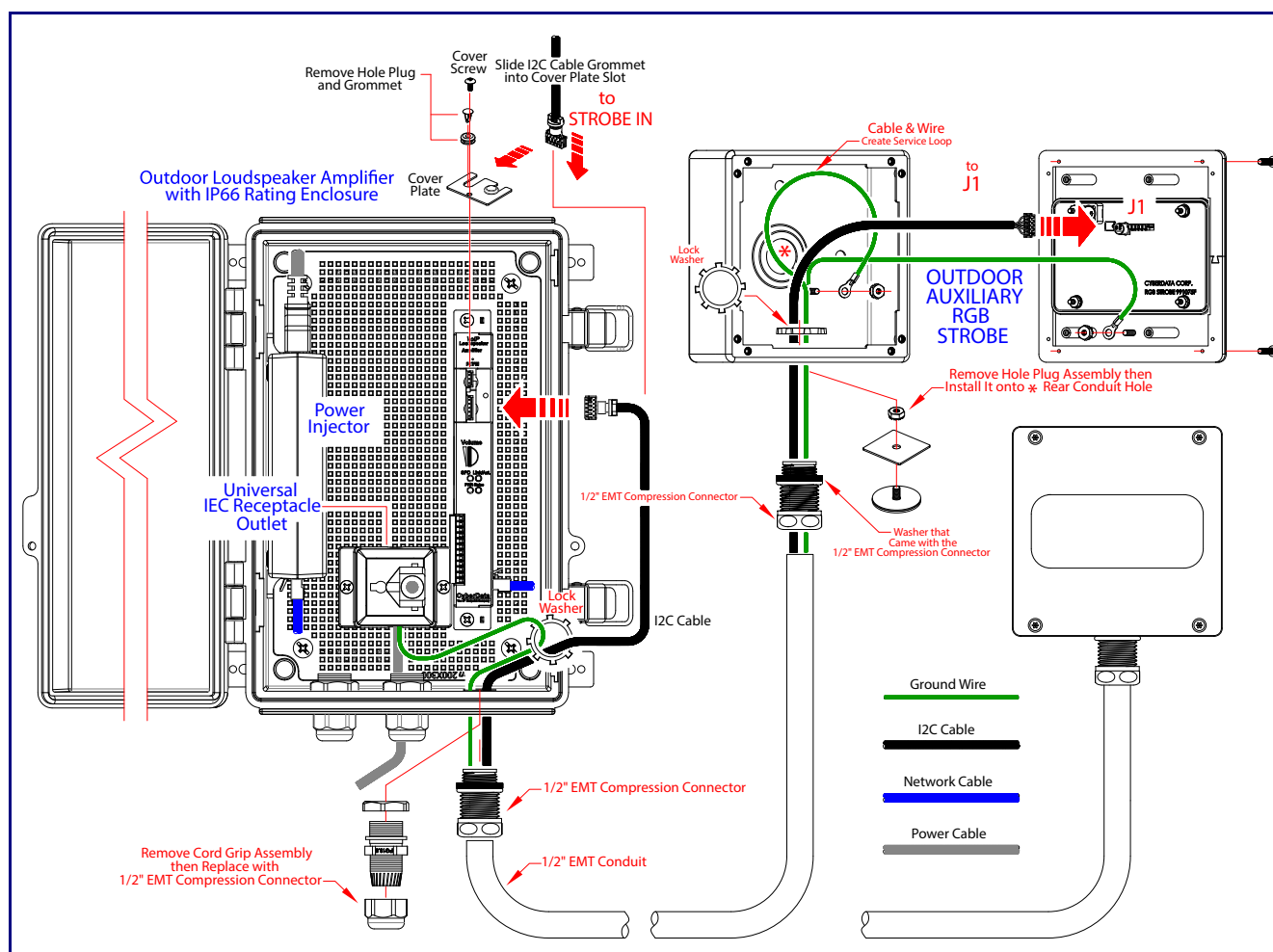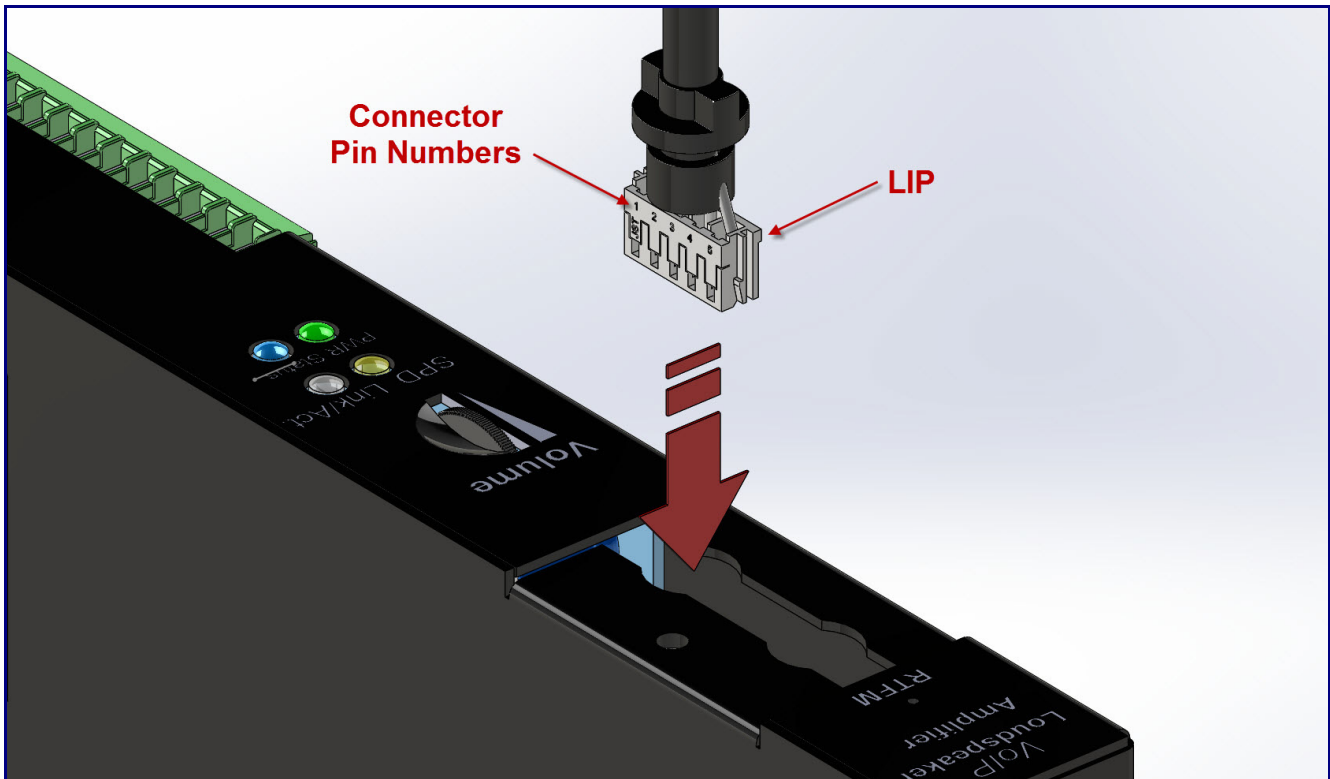**Figure 2-2. Connecting the RGB Strobe Kit to the SIP Paging Amplifier**

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
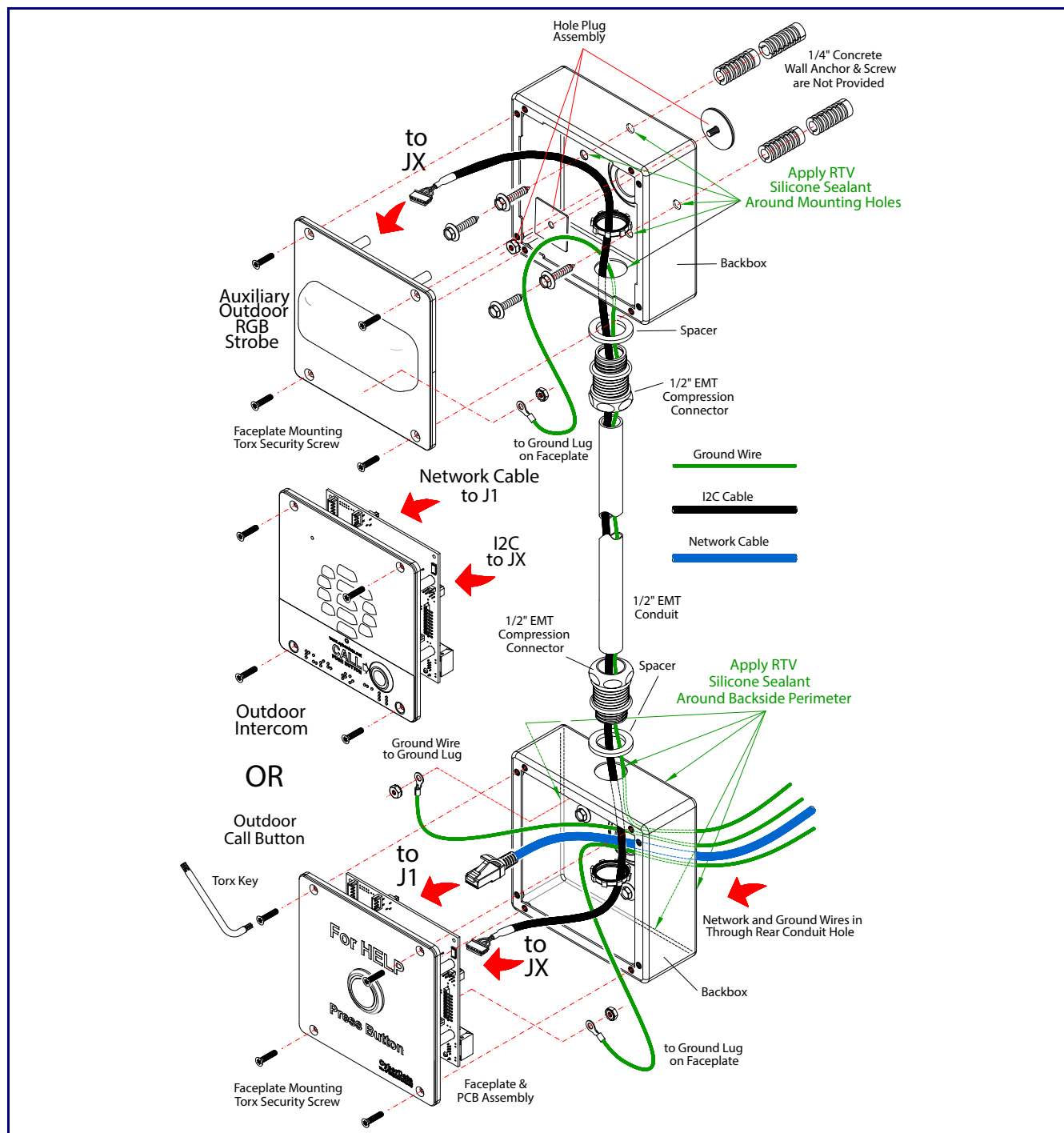
2.3 Web UI Pages
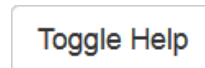
2.3.1 Using the Toggle Help Button

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:
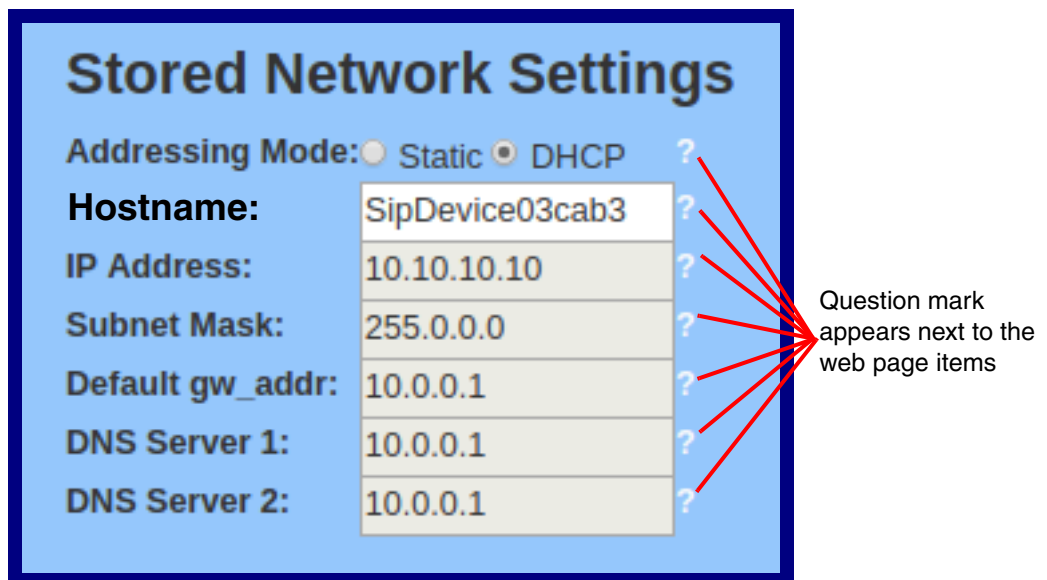
1. Click on the **Toggle Help** button that is on the UI webpage. See Figure 2-5 and Figure 2-6.

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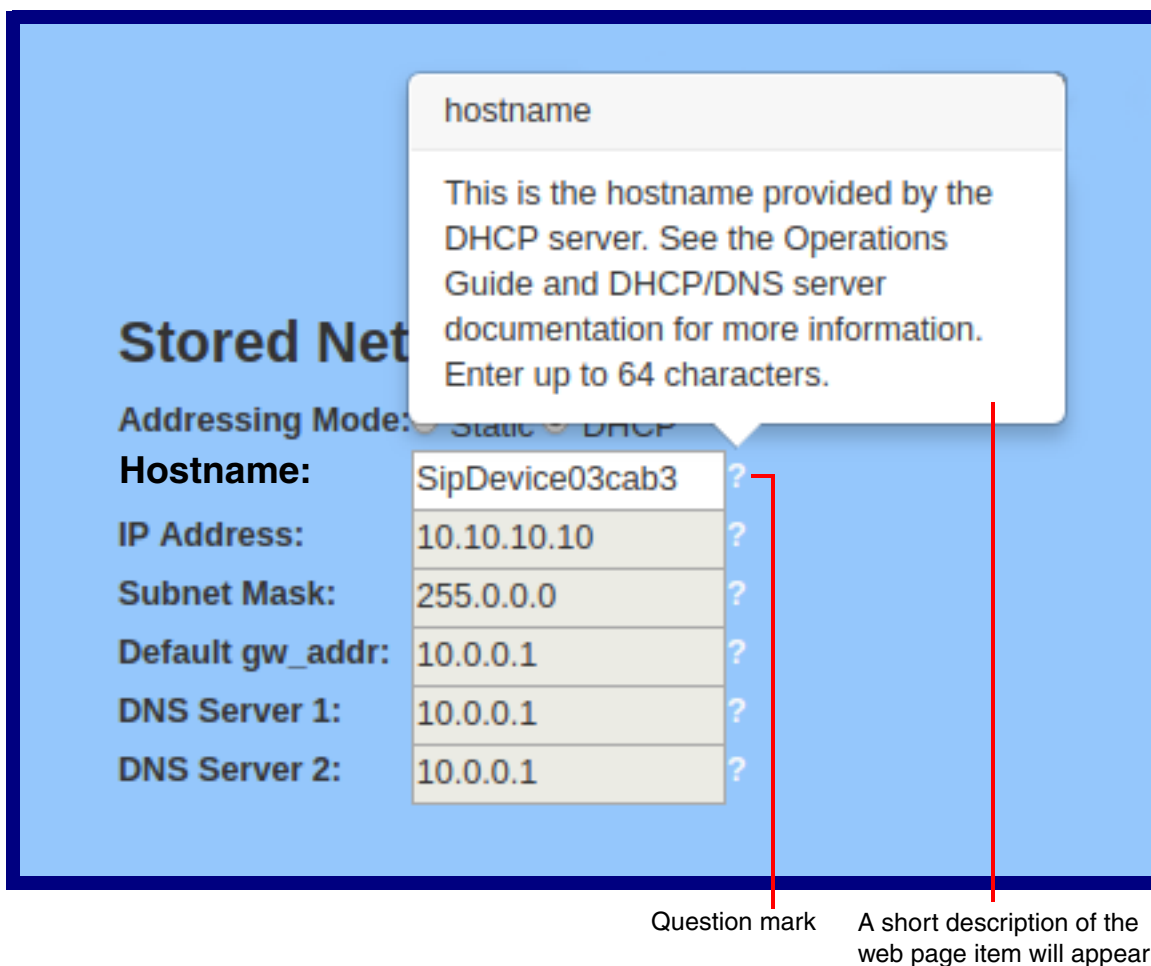
Figure 2-6. Toggle Help Button and Question Marks

Question mark appears next to the web page items

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

hostname

This is the hostname provided by the DHCP server. See the Operations Guide and DHCP/DNS server documentation for more information. Enter up to 64 characters.

Stored Net

Addressing Mode: ~~Static~~ ~~DHCP~~

Hostname: SipDevice03cab3 ?

IP Address: 10.10.10.10 ?

Subnet Mask: 255.0.0.0 ?

Default gw_addr: 10.0.0.1 ?

DNS Server 1: 10.0.0.1 ?

DNS Server 2: 10.0.0.1 ?

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

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
Singlewire Broadcast Strobe Settings	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. **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.**
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.
Preview	Use this button to preview the strobe flashing behavior for the **Sensor Strobe Settings**.

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 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.

Nightringer Strobe Settings

Blink Strobe on Nightring: ☐

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

Outbound Proxy: [   ]
Outbound Proxy Port: [0]

Use Cisco SRST: ☐
Disable rport Discovery: ☐
Unregister on Boot: ☐
Keep Alive Period: [10000]

Dial Out Settings

Dial out Extension: [204]
Extension ID: [id204]
Send Multicast Audio: ☐
Multicast Address: [224.5.5.5]
Multicast Port: [5050]
Repeat Message: [1]

Call Disconnection

Terminate Call after delay: [0]

Audio Codec Selection

Codec: [Auto Select ▾]

RTP Settings

RTP Port (even): [10500]
Jitter Buffer: [50]

Save   Reboot   Toggle Help

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
SIP Ring Strobe Settings	**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.**
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.
Preview	Use this button to preview the strobe flashing behavior for the **SIP Ring Strobe Settings**.
SIP Call Strobe Settings	**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.**
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.
Preview	Use this button to preview the strobe flashing behavior for the **SIP Call Strobe Settings**.
MWI Strobe Settings	**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.**
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.
Preview	Use this button to preview the strobe flashing behavior for the **MWI Strobe Settings**.
Nightringer Strobe Settings	**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.**
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 ?	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 Nightringer is ringing. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for Nightringer.
Green ?	The green LED value for Nightringer.
Blue ?	The blue LED value for Nightringer.
Preview	Use this button to preview the strobe flashing behavior for the **Nightringer Strobe Settings**.

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

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).
	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.
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.
Preview	Use this button to preview the strobe flashing behavior for the **Multicast Strobe Settings**.

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

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
Sensor Strobe Settings	**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.**
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.
Preview	Use this button to preview the strobe flashing behavior for the **Sensor Strobe Settings**.
Intrusion Sensor Strobe Settings	**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.**
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)
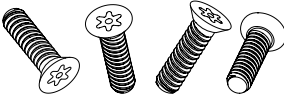
Web Page Item	Description
Fast Fade ?	Strobe will increase in brightness from 0 to the specified brightness and back to 0 over the course of about 1.5 seconds during the duration of the event.
Slow Blink ?	Strobe will blink ON at the specified brightness for one second then OFF for one second during 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 intrusion sensor is triggered. This is the maximum brightness for "fade" type scenes.
Red ?	The red LED value for the Intrusion Sensor.
Green ?	The green LED value for the Intrusion Sensor.
Blue ?	The blue LED value for the Intrusion Sensor.
Preview	Use this button to preview the strobe flashing behavior for the **Intrusion Sensor Strobe Settings**.

Appendix A: Mounting the Auxiliary Outdoor RGB (Multi-Color) Strobe Kit
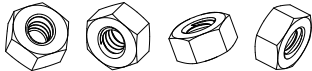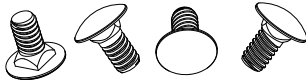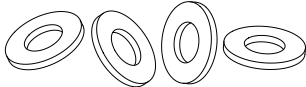
A.1 Mounting Components

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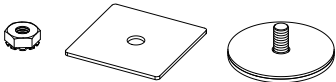
Table A-1. Mounting Components (Part of the Accessory Kit)

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)
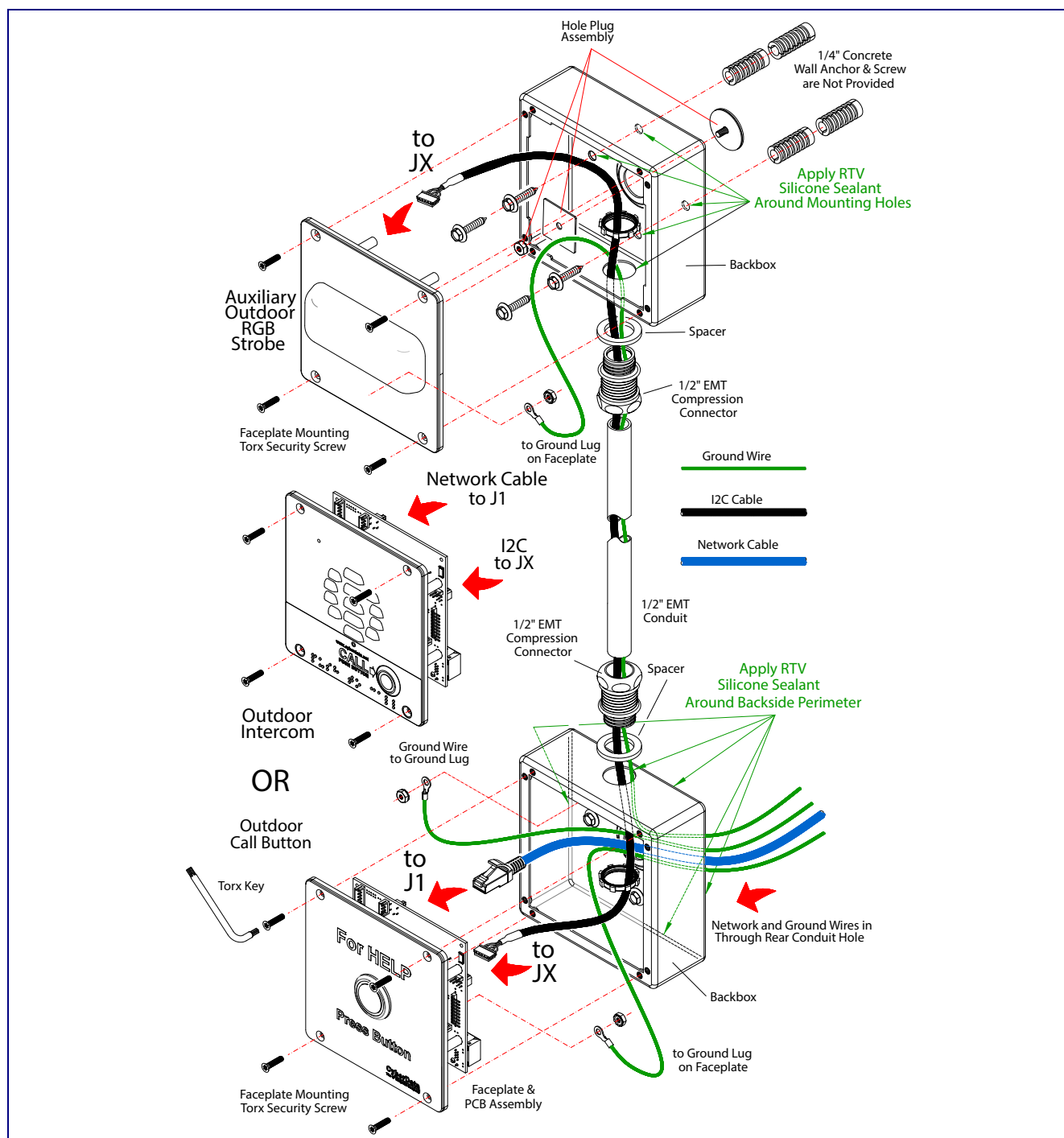
A.3 Dimensions

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

5.12 [130.0]

5.20 [132.0]

5.12 [130.0]
Dimensions are in Inches [Millimeter]

2.79 [71.0]
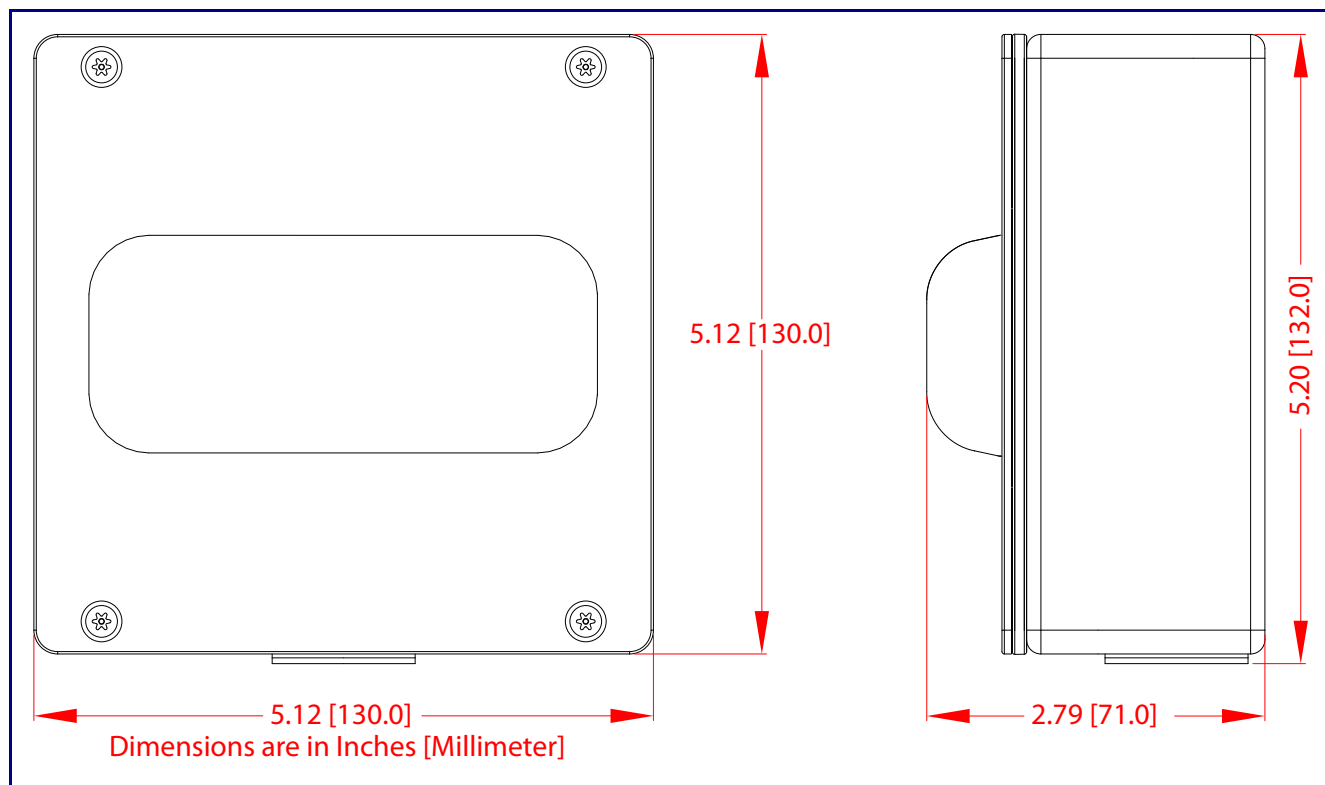
Figure A-3. Unit Dimensions—Rear View with Mounting Hole Locations

Dimensions are in Inches [Millimeter]

ø0.280 [ø7.11]
(4 Places)

ø0.854 [ø21.69]

0.869 [22.07]

3.380 [85.85]

1.690 [42.93]

1.690 [42.93]

0.869 [22.07]

3.380 [85.85]
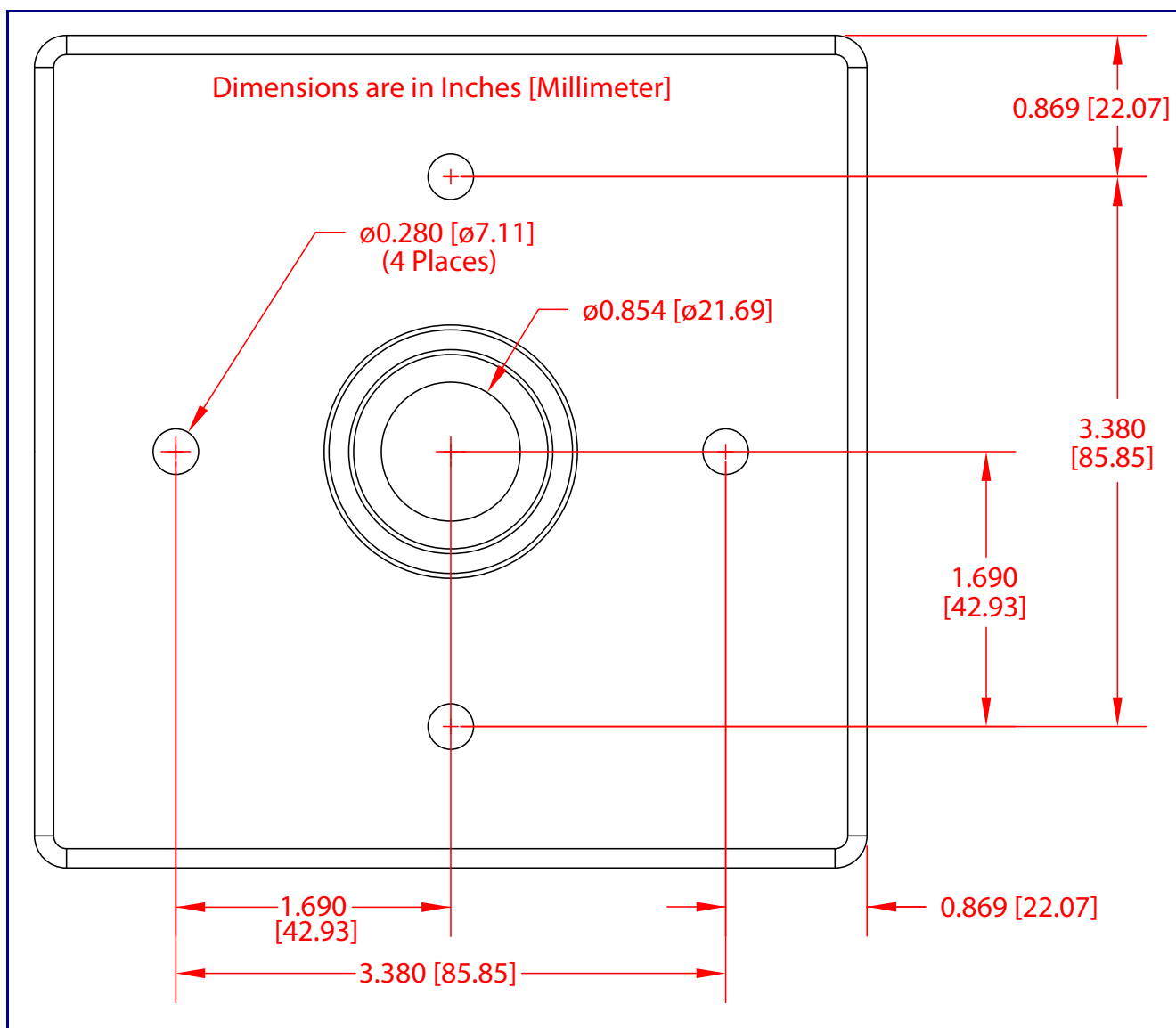
Appendix B: Troubleshooting/Technical Support

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

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

B.3 Contact Information

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

Sales   Sales 831-373-2601, Extension 334

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/

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

B.4 Warranty and RMA Information

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

http://support.cyberdata.net/

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