

## 1.0 Out-of-Box and Prior to Final Installation

- 1.1. Verify that you have received all of the parts listed on the *Quick Reference* placemat for your specific device.
- 1.2. Download the current manual, otherwise known as an *Operations Guide*, which is available on the **Documentation** page of the device.

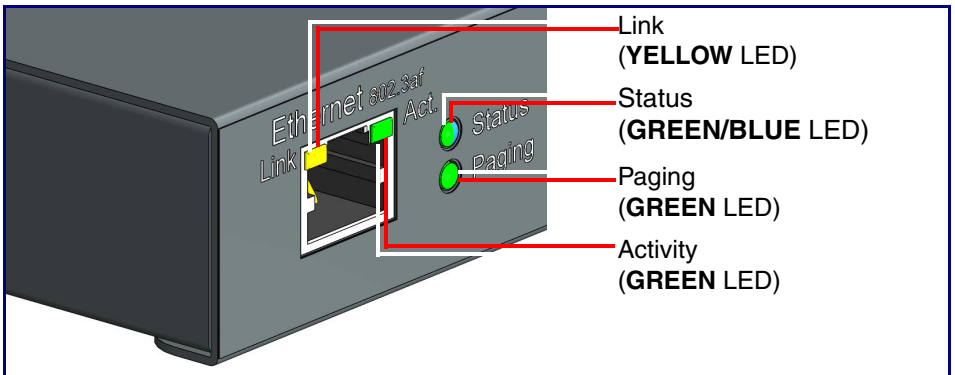
## 2.0 Select Power Source and Network Settings

PoE Switch	PoE Injector
Set PoE power type to Class 0 = 15.4W	CAT6 cable recommended— for longer distances
	Be sure you are using a non-PoE switch or port
Make sure port is not in trunk mode	

## 3.0 Power Test

The following section describes the general LED behaviors of a PoE device when it is first powered up and connected to your network. Refer to the Operations Guide on the product webpage of your device for the specific LED configuration and behaviors for your product.

- 3.1. Plug in the CyberData device and monitor the LED activity on the front of the device. See the following figure:



3.2. The **GREEN/BLUE Status** LED and the **GREEN Paging** LED both blink at a rate of 10 times per second during the initial network setup.

The round, **GREEN/BLUE Status** LED on the front of the Paging Server comes on indicating that the power is on. Once the device has been initialized, this LED blinks at one second intervals.

The square, **YELLOW Link** LED above the Ethernet port indicates that the network connection has been established at 100 Mb. The Link LED changes color to confirm the auto-negotiated connection speed:

- The Link LED is off at 10 Mbps.
- The Link LED is **YELLOW** at 100 Mbps.

The **GREEN Paging** LED comes on while the device is booting and turns off after 15 seconds. This light blinks when a page is in progress. You can disable **Beep on Initialization** on the **Device Configuration** page.

The square, **GREEN Activity** LED blinks when there is network traffic.

If there is no DHCP server available on the network, it will try 12 times with a three second delay between tries and eventually fall back to the programmed static IP address (by default 192.168.1.23). This process will take approximately 80 seconds.

3.3. When the device has completed the initialization process, briefly press and then quickly release the RTFM switch to announce the IP address (some devices must be connected to a speaker for the announcement).

This concludes the power test. Go to [Section 4.0, "Connecting to a Network in a Test Environment"](#)

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## 4.0 Connecting to a Network in a Test Environment

**Note** The following connections are usually needed for this procedure:

- Computer
- PoE switch or injector
- CyberData device

4.1. In a test environment, use a computer that is connected to the same switch as a single CyberData device. Note the subnet of the test computer.

4.2. Use the CyberData Discovery Utility program to locate the device on the network. You can download the Discovery Utility program from the following website address:

<https://www.cyberdata.net/pages/discovery>

4.3. Wait for initialization to complete before using the Discovery Utility program to scan for a device. The device will show the current IP address, MAC address, and serial number.

4.4. Select the device.

4.5. Click **Launch Browser**. If the IP address is in a reachable subnet from the computer that you are using to access the device, the Discovery Utility program should be able to launch the browser window which is configured to the device's IP address.

4.6. Log on to the web interface by using the default username (**admin**) and password (**admin**) to configure the device.

4.7. The device is now ready to be set for your desired network configuration. You may reference our IP-PBX specific configurations at the following website address:

<https://www.cyberdata.net/pages/connecting-to-ip-pbx-servers>

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## 5.0 Contacting CyberData VoIP Technical Support

You are welcome to call CyberData VoIP Technical Support at 831-373-2601 x333. Business hours are 8:00 AM - 5:00 PM Pacific Time, Monday through Friday.

We encourage you to access our Technical Support help desk at the following address:

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

**Note** You can also access the Technical Support help desk by going to [www.cyberdata.net](http://www.cyberdata.net) and clicking on the **SUPPORT** menu.

The Technical Support help desk provides the options of accessing documentation for your CyberData product, browsing the knowledge base, and submitting a troubleshooting ticket.

Please be advised requests for Returned Materials Authorization (RMA) numbers require an active VoIP Technical Support ticket number. A product will not be accepted for return without an approved RMA number.