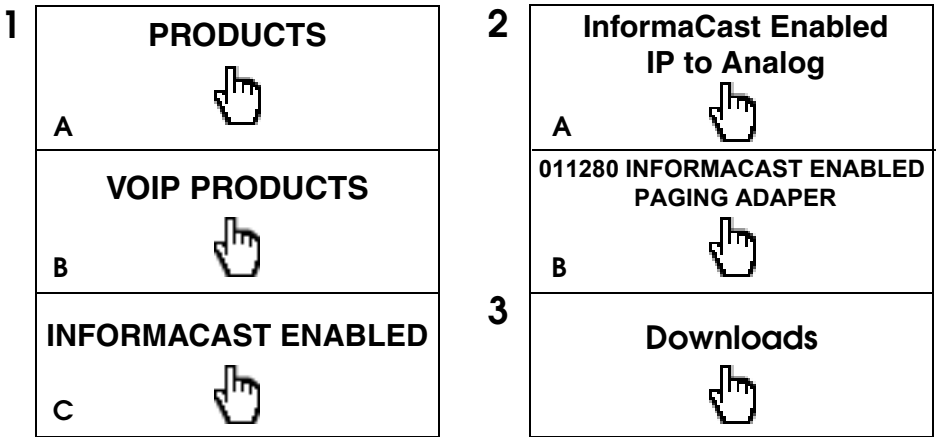


## 1.0 Out-of-Box and Prior to Final Installation

- 1.1. Verify that you have received all of the parts listed on the *Installation Quick Reference* placemat.
- 1.2. Download the current manual, otherwise known as an *Operations Guide*, which is available on the **Documentation** page at the following website address:

<https://www.cyberdata.net/products/011280>

**Note** You can also navigate to the **Documentation** page by going to [www.CyberData.net](http://www.CyberData.net) and following the steps that are indicated by the following figures:

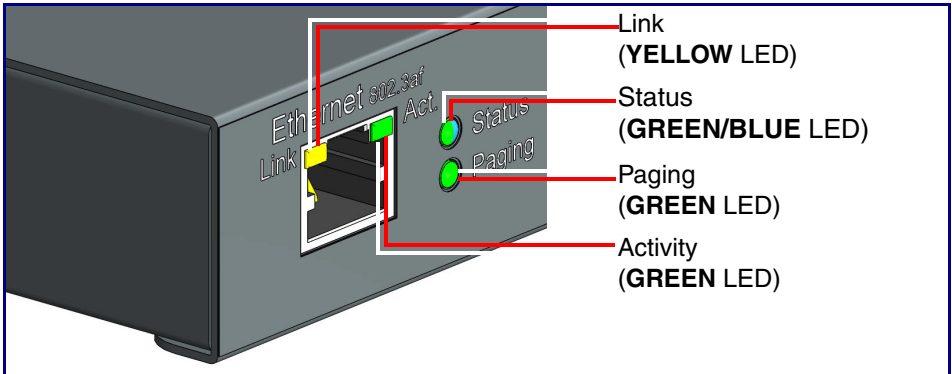


## 2.0 Select Power Source

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	
Set port to full duplex/ 100mbps	
Spanning Tree Protocol (STP) must be disabled or Portfast enabled	

## 3.0 Power Test

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 10.10.10.10). 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.

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

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## 4.0 InformaCast Configuration File Retrieval

4.1. **DHCP should be enabled.** After the device initializes, it will send a broadcast to the DHCP server to ask for the location of its InformaCastSpeaker.cfg configuration file.

4.2. SLP or TFTP?

- **SLP** should be enabled on InformaCast version 5.0.4 or higher. SLP is an InformaCast protocol introduced in InformaCast version 5.0.4. The device will retrieve its configuration file from an InformaCast server folder specified by SLP. SLP method is preferred.
- **TFTP** servers may be used instead of SLP. In this alternate scenario, DHCP option 150 is required to provide the device with the address of the TFTP server. Otherwise, the device will be unable to retrieve its configuration file.

**Note** The device and InformaCast server should be on the same subnet during the device's initial configuration if it cannot access the VLANs upon which the InformaCast Server and DHCP servers are located.

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## 5.0 Identification and Testing

5.1. Ensure the InformaCast Server has detected a new device.

5.2. Test the newly detected device.

5.3. Add the newly detected device to the InformaCast Server.

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## 6.0 Contacting CyberData VoIP Technical Support

You are welcome to call CyberData VoIP Technical Support at 831-373-2601 x333. Business hours are 7:00 AM - 5:00 PM Pacific Time, Monday through Friday.

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

<http://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.