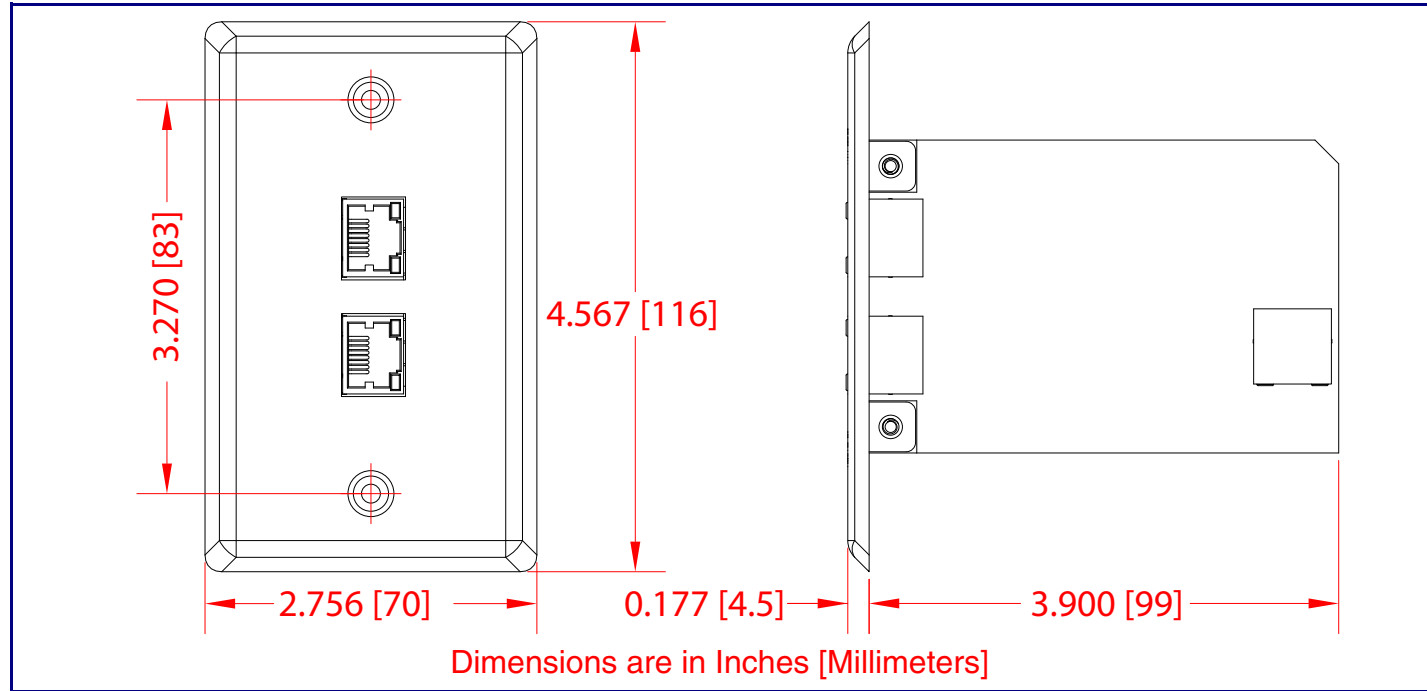
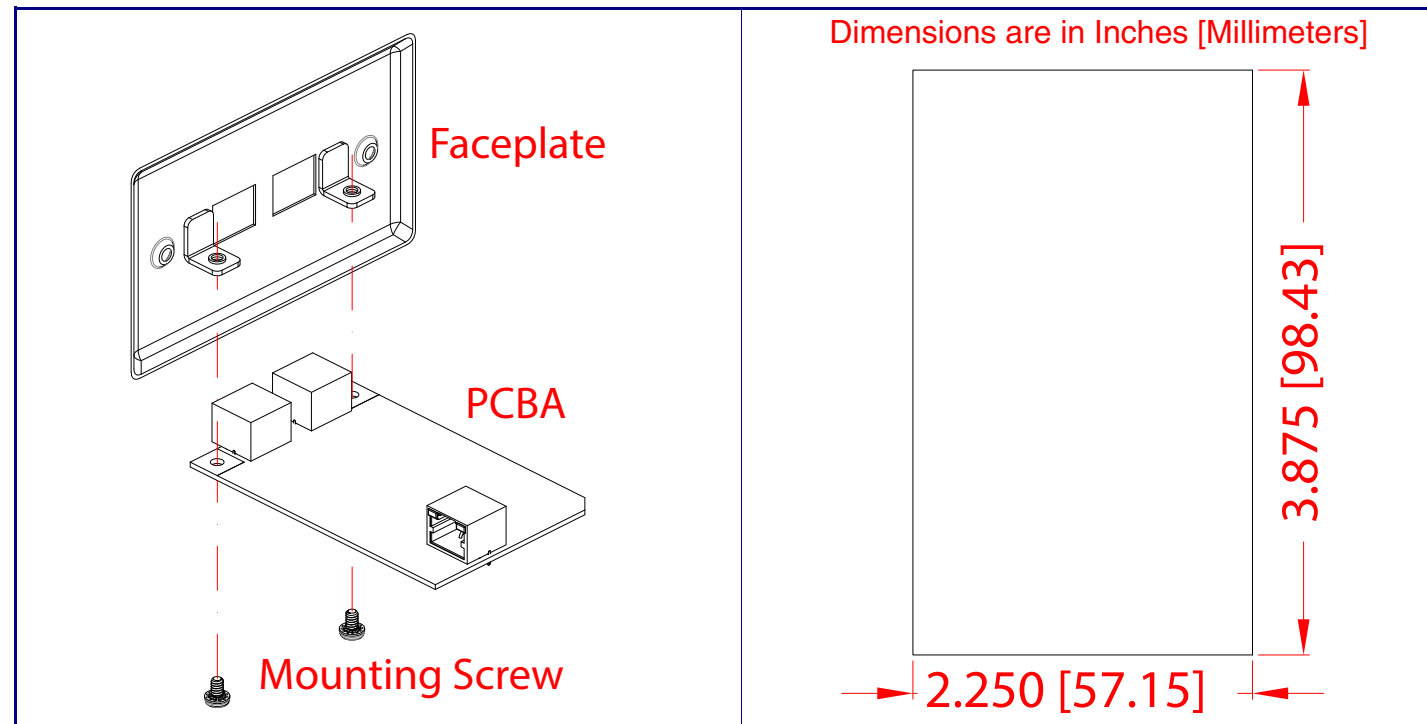


Dimensions



Mount PCBA to Faceplate

Wall Cutout



Contacting CyberData

Corporate Headquarters

CyberData Corporation
3 Justin Court
Monterey, CA 93940, USA

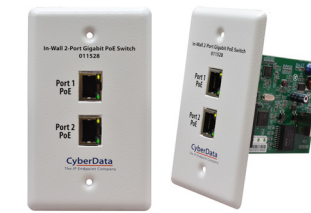
Phone: 831-373-2601
Fax: 831-373-4193
<http://www.cyberdata.net/>

Sales: 831-373-2601 ext. 334
Support: 831-373-2601 ext. 333
Support Website: <http://support.cyberdata.net/>
RMA Department: 831-373-2601 ext. 136
RMA Email: RMA@CyberData.net
RMA Status: <http://support.cyberdata.net/>
Warranty Information: <http://support.cyberdata.net/>

CyberData
The IP Endpoint Company

Installation Quick Reference

In-Wall 2-Port Gigabit PoE Switch 011528

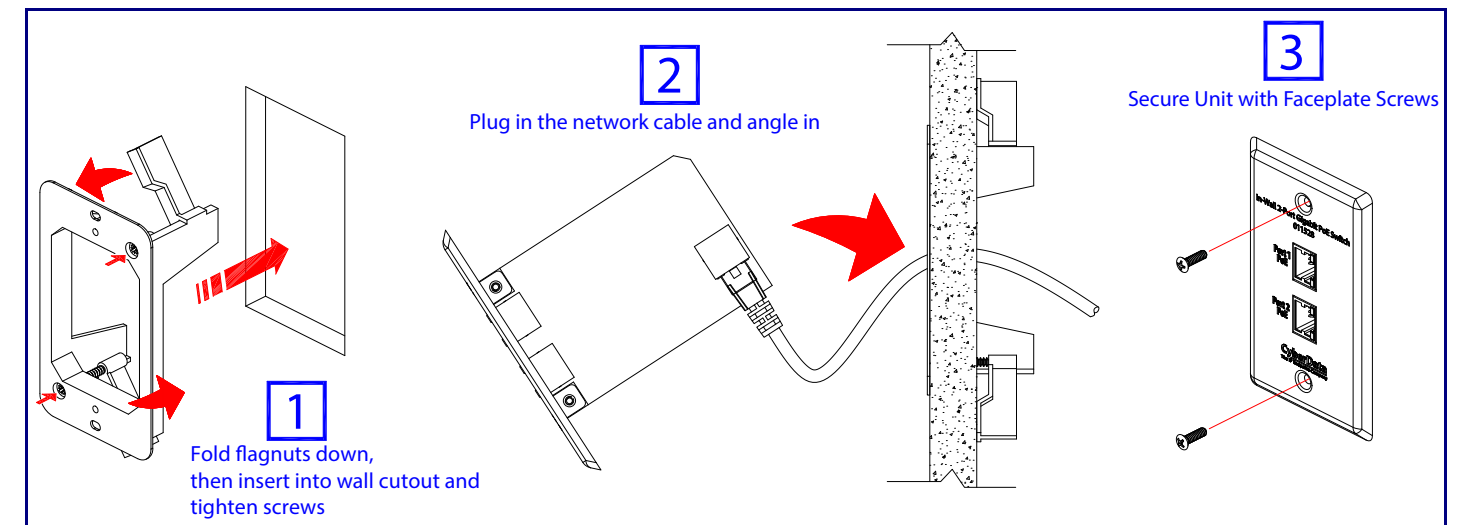


Installation Method

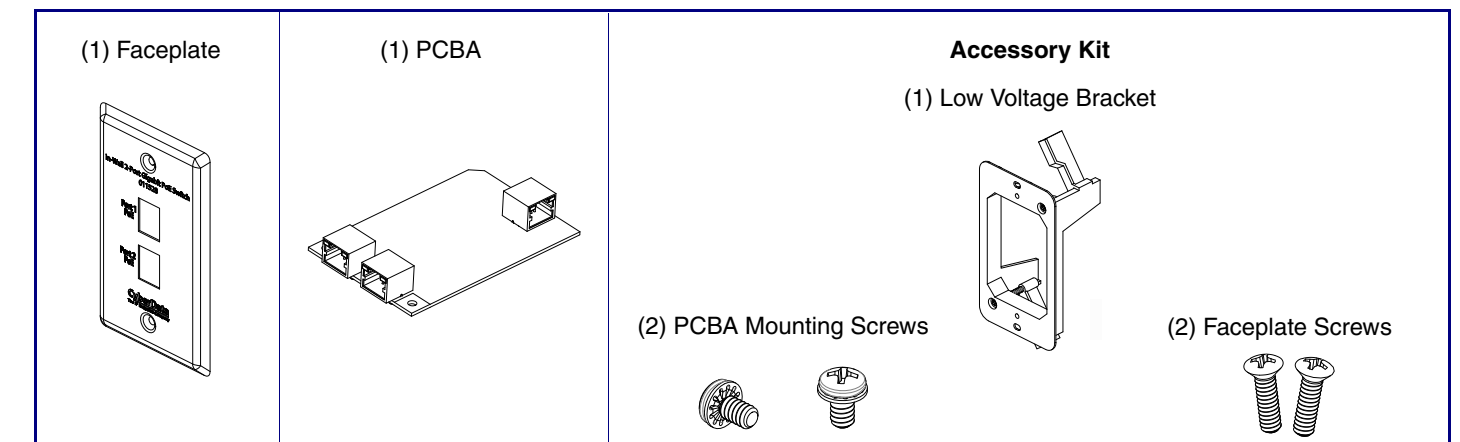
The site where you install the switch may greatly affect its performance. When installing, please take the following into consideration:

- Test the PoE network drop before connecting the CyberData device.
- Use caution when inserting or modifying connections and install the product in a clean, flat wall surface.
- Ensure there are no temperature or humidity concerns in the intended environment. See the **Specs** tab at <https://www.cyberdata.net/products/011528> for the acceptable temperature and humidity operating ranges.
- To prevent electrical issues, avoid installing in close contact with other electrical wires, next to in-wall insulation, or exposing the circuit board upon completing the installation.
- Never install components in wet locations or during lightning storms.
- It is advised to consult a certified electrician for installation.

Typical Wall Installation

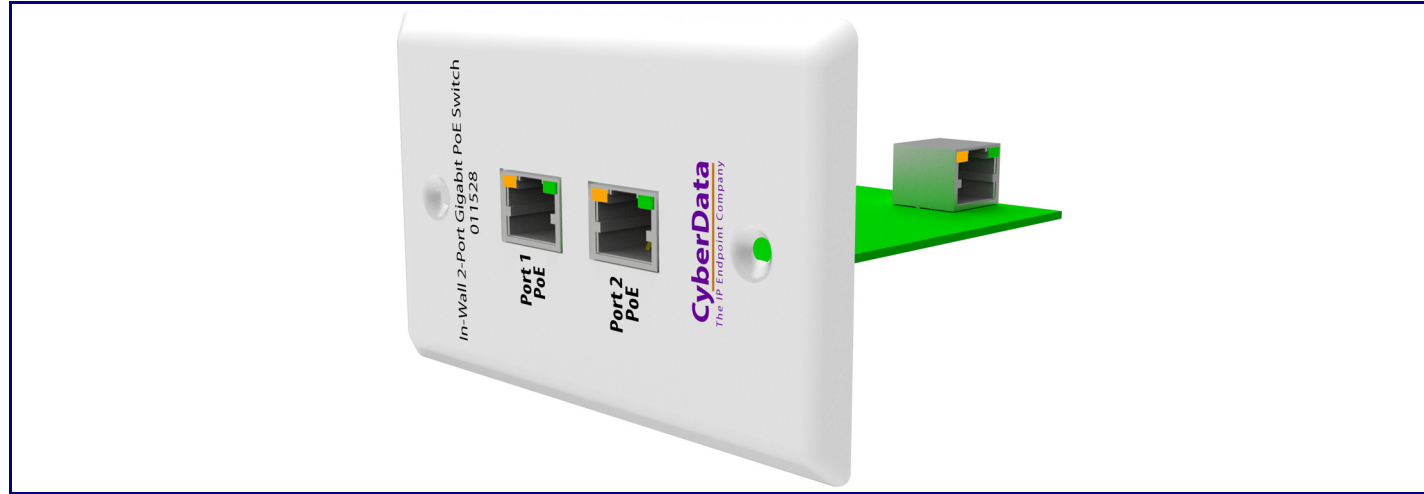


Parts



Powering on the In-Wall 2-Port Gigabit PoE Switch

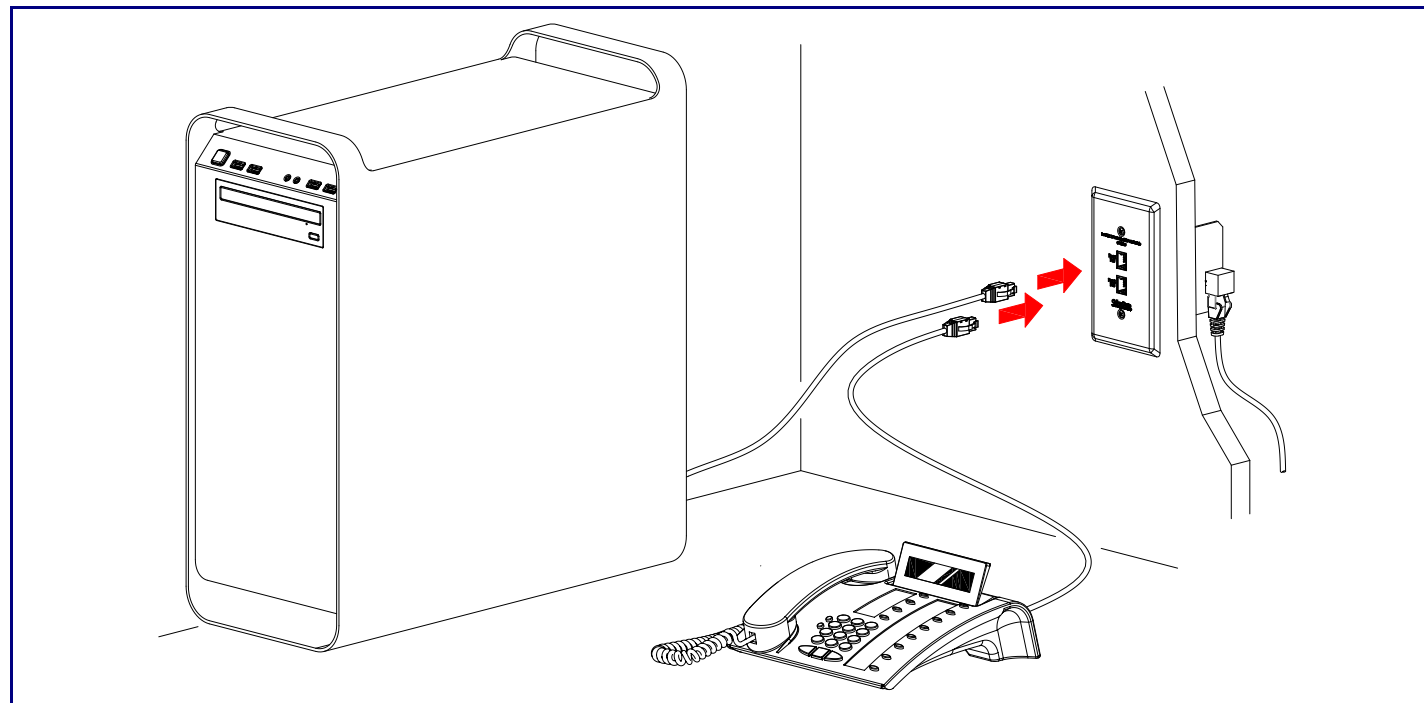
Your existing central POE Switch powers the CyberData switch. No additional power supply is required. Plug your cable from your main PoE switch into the ethernet port of the CyberData switch, which will power on for use.



How the Input Power is Distributed

LED	Status	Description
PD (Orange)	ON	Switch has a connection from the PD port to the PSE device. Power has been successfully applied.
	OFF	Connection to the PSE device is not present. No power has been applied to the switch.
PSE (Orange)	ON	PD device such as IP phone is connected to the port and drawing power.
	OFF	PD device is not connected or no power is being drawn from the switch.
Link/Act (Green)	ON	A valid link is established.
	Blink	Traffic is present on port.
	OFF	No link has been established.

Typical Installation



The Standard RJ-45 Introduction

Regarding cable-making methods, a cable that does not meet the standards of the sequence data will make the data transmission speed slow, unstable, and even be blocked. Table 1 represents the standard RJ-45 jack and the connector (Figure 1) and pin definition:

Figure 1. Standard RJ-45 Jack / Connector

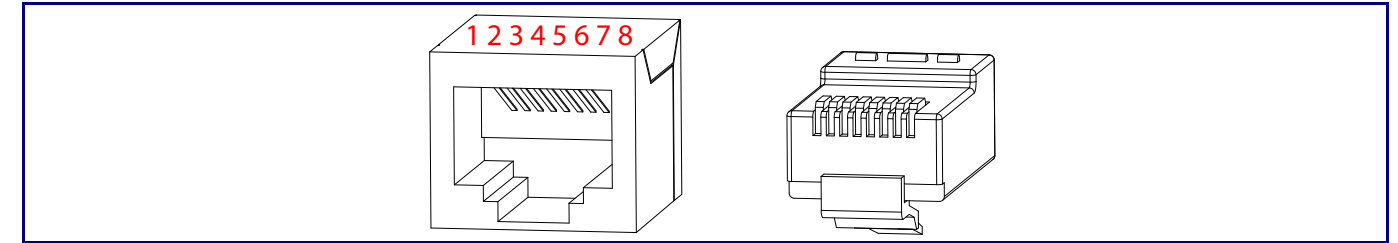


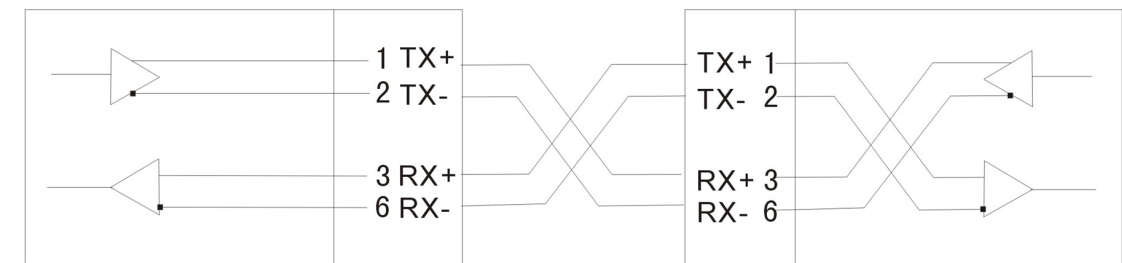
Table 1. RJ-45 Connector Pin Definitions

Pin Number	Signal
1	_TX1 +(PoE Power+)
2	_TX1 - (PoE Power+)
3	_RX1 + (PoE Power-)
4	_TX2 +
5	_TX2 --
6	_RX1 - (PoE Power-)
7	_RX2 +
8	_RX2 -

The Standard Cable, RJ-45 Pin Assignment

The following figures show a straight cable and a crossover cable connection. Use a straight cable connection to connect switch/Hub or other devices:

Straight cable for the switch (uplink MDI-II port) to switch/Hub or other devices connection.



Crossover cable for switch (MDI-X port) to switch/hub or other network devices (MDI-X port) connection.

