# Quick Start Guide

## Elinx PoE Ethernet Switch
## EIRP410-2SFP-T

## 1 Items Included

- Ethernet Switch
- CD with Support Manual
- This Quick Start Guide
- Panel Mount Bracket

## 2 Hardware Installation

1. Select a mounting location and install the switch onto a piece of DIN rail or use the included panel mount brackets for wall or panel mounting
2. Connect power to the switch
   - 48 VDC
   - For redundancy connect two separate power supplies using the two DC inputs on the terminal blocks
   - If only one power input is used the Fault LED will light.

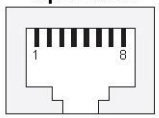
## 3 LED Chart

| LED | | Status | Description |
|---|---|---|---|
| PWR | | Green | The Switch is powered on |
| | | Off | The Switch is powered off |
| PWR1 | | Green | Power Source 1 is available |
| | | Off | Power Source 1 is unavailable |
| PWR2 | | Green | Power Source 2 is available |
| | | Off | Power source 2 is unavailable |
| Fault | | Red | Power or Port failure |
| | | Off | Normal Operation |
| R.M | | Green | The Switch is the master of a redundant ring (X-Ring) |
| | | Off | The Switch is not the master of a redundant ring. |
| Ports 9, 10 LNK/ACT (SFP) | | Green | SFP Port is linked |
| | | Blinking | Data is being transmitted or received |
| | | Off | Not connected to the network |
| FWD P1 to P8 | | Green | The port is supplying power to the connected device |
| | | Off | No device attached or no power is being supplied |
| Ports 9, 10 (RJ-45) | T | Green | Port is linked |
| | T | Blinking | Data is being transmitted or received |
| | T | Off | Not connected to the network |
| | B | Green | Operating at 1000M |
| | B | Off | Disconnected or 10/100M |
| Ports 1 to 8 (PoE) | T | Green | Connected to the network |
| | T | Blinking | Data is being transmitted or received |
| | T | Off | Not connected to the network |
| | B | Yellow | Operating in full-duplex |
| | B | Blinking | Data collision |
| | B | Off | Half-duplex or not connected |
| **Note** | | **Ports 1 to 8 are 10/100 PoE RJ-45, Ports 9 and 10 are 10/100/1000 RJ-45 or 100/1000 SFP.** | |

## 4 Ports

**RJ-45 ports**: The RJ-45 ports auto-sense for 10 or 100 Mbps device connections. The auto MDI/MDIX feature allows connections to switches, workstation and other equipment without changing straight through or crossover cabling. The charts below show the cable pin assignments for straight through and crossover cables.

**8-pin RJ45**




**MDI Cable Pinout**

| Pin | Signal |
|---|---|
| 1 | Tx+ |
| 2 | Tx- |
| 3 | Rx+ |
| 6 | Rx- |

**MDI-X Cable Pinout**

| Pin | Signal |
|---|---|
| 1 | Rx+ |
| 2 | Rx- |
| 3 | Tx+ |
| 6 | Tx- |

**PoE ports**: The PoE ports on this switch follow Alternative A standards and are limited to 15.4 Watts of power output per port. Ports 1 thru 4 support the IEEE802.3af standard and are classified as (PSE) power sourcing equipment, which means they can be used to power (PD) powered devices.

## 5 Log into the Switch

1. Once power is applied and devices connected, the switch will automatically discover standard and PoE network devices.



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