Quick Start Guide

Elinx PoE Ethernet Switch
EIRHP305-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
   - If redundancy is desired be sure to connect two separate power supplies by using the two DC inputs on the terminal blocks
   - If only one power input is used the Fault LED will light (this is normal)

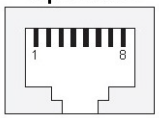
3 LED Chart

LED	Color	Description	
P1	Green	On	Power input 1 is active
		Off	Power input 1 is inactive
P2	Green	On	Power input 2 is active
		Off	Power input 2 is inactive
P-Fail	Red	On	Power input 1 or 2 has failed
		Off	Power input 1 and 2 are both functional, or no power inputs
PoE indicator (Port 1 ~ 4)	Green	On	The port is supplying power to the powered-device
		Off	No powered-device attached or power supplying fails
LAN Port 1 ~ 5 (RJ-45)	Green	On	Connected to network
		Flashing	Networking is active
		Off	Not connected to network
	Amber	On	Full-duplex link
		Flashing	Collision occurs
		Off	Half-duplex link or link down

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-

1. Auto MDI/MDI-x is supported. A straight through or cross-over cable may be used.

2. 10/100 auto negotiation and full/half-duplex are supported.

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 25 Watts of power output per port. Ports 1 thru 4 support the IEEE802.3af standard and are classified as High Power (25W) (PSE) power sourcing equipment, which means they can be used to power (PD) powered devices.

5 Installation Complete

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

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