

# Quick Start Guide

## E-130 Series PoE and Ethernet Extenders

### Unpack the Extender and Check Contents

Part Number	Primary Ports	Uplink	PoE Budget
EC13010	4 Gigabit	1 Gigabit	66W

1. The E-130 Series can be powered by any standard 802.3 PoE type.
2. The E-130 Series PoE Ports all support 802.3at up to 30W per port.
3. Total available PoE budget will be dependent on the PSE providing power to the extender



Wall Mounting Kit - two brackets and four screws.



Four adhesive foot pads



Documentation—Quick Start Guide (this document) and Warranty Card

**Note:** The E-130 Series extenders are for indoor use only.  
**Note:** Additional documentation can be obtained from [www.signamax.com](http://www.signamax.com)

### Warnings and Cautionary Messages



**Warning:** This product does not contain any serviceable user parts.

**Warning:** Installation and removal of the unit must be carried out by qualified personnel only.

**Warning:** When connecting this device to a power outlet, connect the field ground lead on the tri-pole power plug to a valid earth ground line to prevent electrical hazards.



**Caution:** Wear an anti-static wrist strap or take other suitable measures to prevent electrostatic discharge when handling this equipment.

**Caution:** Do not plug a phone jack connector in the RJ-45 port. This may damage this device.

**Caution:** Use only twisted-pair cables with RJ-45 connectors that conform to FCC standards.

### Mount the Switch



1. Remove the screws from both sides of the switch.
2. Place the provided Wall Mount brackets
3. Screw the Wall Mount bracket into the sides of the switch

### Ground the Switch



1. This equipment must be grounded. Never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor. Contact the appropriate electrical inspection authority or an electrician if you are uncertain that suitable grounding is available.
2. Attach a lug (not provided) to a #12 AWG (PoE switch) or #18 AWG (non-PoE switch) minimum grounding wire (not provided), and connect it to the grounding point on the switch rear panel. Then connect the other end of the wire to ground.



**Caution:** The earth connection must not be removed unless all supply connections have been disconnected.

**Note:** The device must be installed in a restricted access location. It should have a separate protective earthing terminal on the chassis that must be permanently connected to earth to adequately ground the chassis and protect the operator from electrical hazards.

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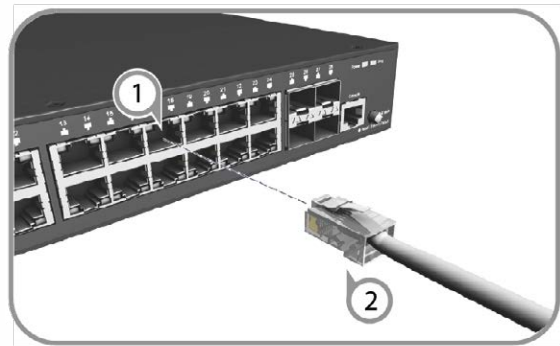
## E-130 Series PoE and Ethernet Extenders

### Connect PoE Power



1. Connect the PD Input power to a PoE Power Sourcing Equipment using a standard 100-ohm Category 5e or better twisted-pair cable.

### Connect Network Cables



1. For RJ-45 ports, connect 100-ohm Category 5, 5e or better twisted-pair cable
2. As connections are made, check the port status LEDs to be sure the links are valid. See the LED description table on the next page.

### Verify Switch Operations

1. Verify basic switch operation by checking the system LEDs. When operating normally, the Power LED should be on and green.

### LED Description Table

LED	Status	Description
PWR	ON	Switch operating normally.
	OFF	No DC power is connected or the switch has failed.
LINK	ON	Port has a valid link
	BLINKING	Port has network activity
	OFF	The link is down
PoE	ON	A PoE device is connected and delivered PoE power
	BLINKING	PoE Error: short circuit or current overload
	OFF	Doesn't deliver PoE power