

Quick Start Guide

E-300 Series Ethernet and PoE Extenders



1. Unpack the Extenders and Check Contents

Part Number	Connectors	Power Adapter	Mounting Bracket	Mounting Screws
EC30100	2 RJ45 LAN Ports			Yes
EI30100	2 RJ45 LAN Ports			Yes



Note: Other documentation, can be obtained from www.signamax.com

Warning 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.

Important: Use only CAT5e or CAT6 UTP/STP cables for specified distance and power delivery

Important: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

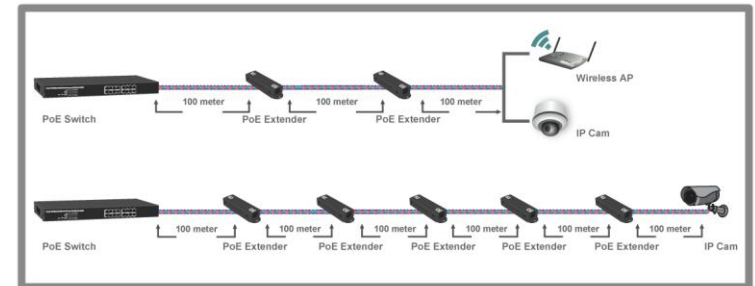
2. Mounting the Extenders

The Extenders can be mounted using the integrated mounting brackets and included mounting screws.



3. Connecting the Extenders

Connect the Ethernet and PoE Extender to a PoE source using the PoE In RJ45 Port. Connect the Powered Device or an additional E-300 Series Extender using the PoE Out RJ45 LAN Port. Each link can be up to 328ft (100m). Up to 5 E-300 Series Extenders can be connected in a single chain (see the Distance/Power chart below).



4. LEDs

LED	Status	Description
LAN	On	Port has valid link
	Flashing	Port has network activity
	Off	No LAN Link
PoE	Yellow	PoE In Port: Extender is receiving power PoE Out Port: Extender is providing power
	Off	PoE In Port: Extender is not receiving power PoE Out Port: Extender is not providing power

5. Distance/Power chart

Number of Extenders	Distance	EC30100		EI30100	
		PD Voltage	PD power	PD Voltage	PD power
1	200m	42.4V	24.59W	43.17V	25.9W
2	300m	38V	17.9W	38.52V	21.57W
3	400m	33.7V	16.18W	35.01V	17.86W
4	500m	31.4V	12.56W	35.22V	13.38W
5	600m	30.8V	8.62W	35.04V	9.81W