

EWS-101-PE-IP56 PoE extender - a quality product for PoE network point-to-point up to 500m.

Works with PoE standards **IEEE802.3af** and **IEEE802.3at**.



This device serves as a data switch port that is powered by PoE and will extend PoE and data a further 100m. Depending on the amount of power consumption. You may use up to 4 extensions in the same chain, thereby increasing transmission distance up to 500m (1 class 82.3af, see table. "Maximum distance")

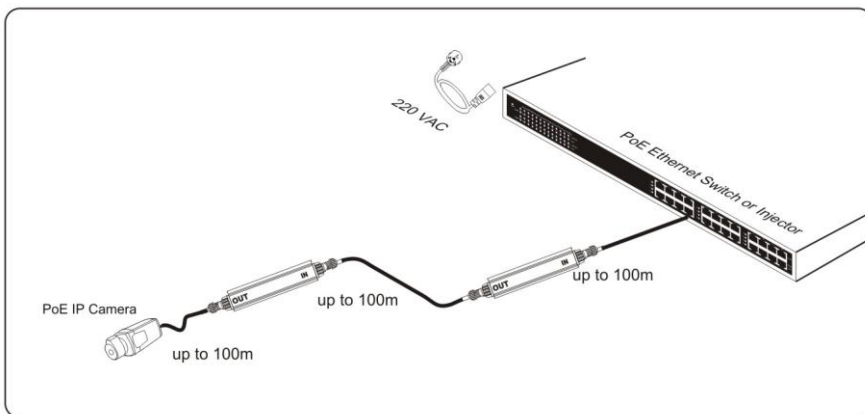
Advantages:

- Mini-size, wall mounting
- Requires no external power supply
- Low power consumption, only 1.2W
- Auto-sensing PoE devices
- Compatibility with 802.3at and 802.3af

Maximum length:

PoE Device (PD)	PoE Injector or Switch IEEE802.3af (max 15.4W)	PoE Plus Injector or Switch IEEE802.3at (max 30W)
IEEE802.3af class 1 no more than 4W	400m (3pcs PoE Extender)	500m (4pcs PoE Extender)
IEEE802.3af class 2 no more than 6W	300m (2pcs PoE Extender)	400m (3pcs PoE Extender)
IEEE802.3af class 0&3 no more than 12W	200m (1pcs PoE Extender)	300m (2pcs PoE Extender)
IEEE802.3at no more than 22W	Not applicable	200m (1pcs PoE Extender)

Typical connection diagram:



Technical characteristics

Item	Description
No. of channels	1
Pass Through Data Rates	10/100Mbps half / full duplex
PoE input	Pin Assignment and Polarity: Both 1/2 (-), 3/6 (+) and 7/8 (-), 4/5 (+)
PoE output	Pin Assignment and Polarity: 1/2 (-), 3/6 (+) Output Power: up to 22W
Indicators	Power indicator: PoE enabled Network indicator: Link/Act
Connectors	Shielded RJ-45, EIA 568A and 568B
Network cables	Shielded category 5 (or higher)
Case material	Aluminum case
Dimensions	140mm x 40mm x 30mm
Weight	0.19kg
Mounting	Wall of shelf
Environment	Indoor outdoor IP65
Environmental Conditions	Operating Ambient Temperature: -40 to 75°C @90%, Non-condensing Storage Temperature: -40 to 75°C @95%, Non-condensing
Regulatory Compliance	IEEE 802.3af (PoE), IEEE 802.3at (PoE+) RoHS Compliant, CE, FCC
Electromagnetic	FCC Part15, Class B