

TI-PoE-EX4P

Gigabit Power-over-Ethernet Extender



FEATURES

- Compatible with IEEE802.3af and IEEE802.3at and IEEE802.3bt 4Pairs
- Extends the range of PoE and Ethernet an additional 300ft
- No additional power supply is required
- Automatically detects and protects PoE equipments from being damaged by incorrect installation
- Full-rate network throughout the whole extended distance
- Wall-Mountable design
- Easy plug-and-play installation
- EMI standards complies with FCC, CE class B

SPECIFICATIONS

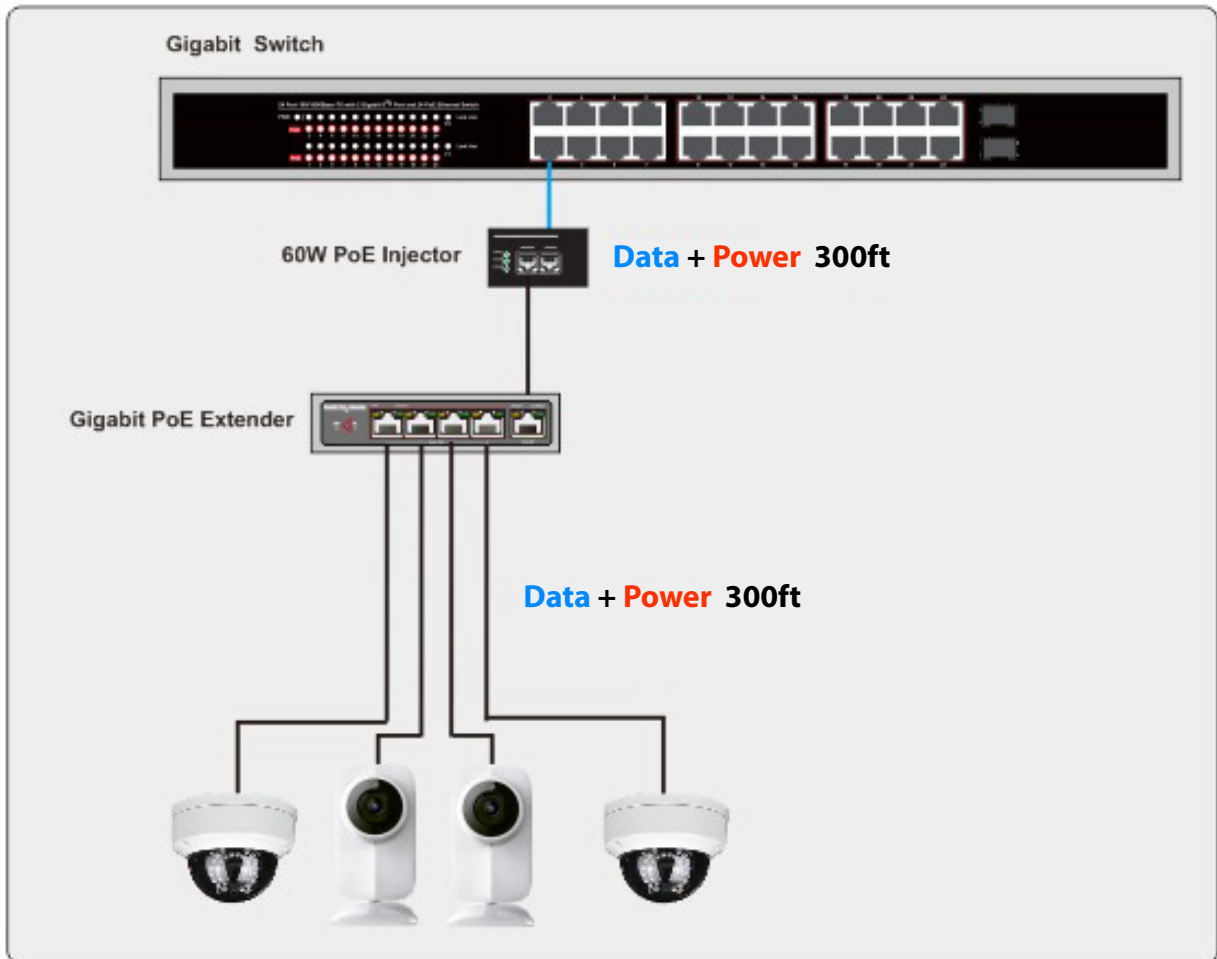
Item	Description
No. of channels	1(PoE IN) into 4(PoE OUT)
Pass Through Data Rates	10/100/1000 Mbps half/full duplex
Power over Ethernet input	Pin Assignment and Polarity: Both 1/2 (-), 3/6 (+) and 7/8 (-), 4/5 (+)
Power over Ethernet Output	Pin Assignment and Polarity: 1/2 (-), 3/6 (+) Output Power: up to 12W for 4 PSE or 25W for 2 PSE
Indicators	LED indicators are located on the RJ45 connector Power indicator: PoE enabled Powered success:Power Network indicator: Link/Act
Connectors	Shielded RJ-45, EIA 568A and 568B
Network cables	Shielded category 5 (or higher)
Dimensions	119mm x 85mm x 28mm
Mounting	Wall or shelf
Environment	Indoor
Environmental Conditions	Operating Ambient Temperature:-10 to 45 °C Operating Humidity: Maximum 90%, Non-condensing Storage Temperature:-30 to 70 °C Storage Humidity: Maximum 95%, Non-condensing
Regulatory Compliance	IEEE 802.3af (15.4W) IEEE 802.3at (30W) IEEE802.3bt 4Pairs(60W for input)

TI-PoE-EX4P

Gigabit Power-over-Ethernet Extender



Typical Application



Maximum Distances for Power Sources

Multiple PoE Extenders can be connected every 300ft to obtain greater distances. The actual figures depend on operating conditions. The range is over 24 AWG or heavier Cat-5e or Cat-6 cable except where specified.

Examples for medium power PoE Devices (that are PoE Class 2, or require under 6 watts)

PoE Source	
PoE+ switch (802.3at, Output voltages 50V)	60W mid-span (802.3at, Output voltages 54V)
Maximum Distances	
600ft	900ft (With Gigabit POE Extender)