

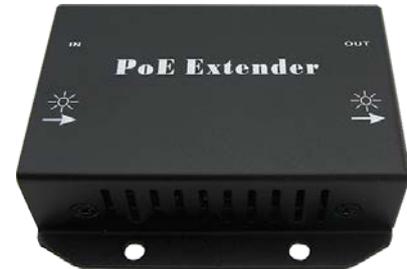
RP-PE101E

1-P Fast Ethernet 802.3at PoE Extender, Mid-span PoE in / Mid-span PoE out

RP-PE101E extends both Ethernet Data and power from the standard 100 meters to 200 meters via 5/5e UTP cable. .

RP-PE101E provides a convenient way for adding PoE ports to achieve more flexible network applications, delivery both data and power to network devices, such as WLAN Access Points, and Network Cameras up to a distance of 200m.

The PoE Extender supports 10/100Mbps data rate and delivers 802.3at power levels, up to 30W if injects by high power PSE. Besides, the PoE Extender does not require power cable, it is powered via the PoE input.



Features

- Extends Ethernet cable installation for another 100 meters
- No local power required
- Supports power protections: OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection.
- 10/100M Ethernet protocol transparent – no restrictions to network traffic
- 10/100Mbps Ethernet Wire Speed
- Compatible with IEEE 802.3at/af PoE and mid-span PoE standard
- Simple installation – Plug & Play

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BaseT • IEEE 802.3u 100BaseTX • IEEE 802.3x Flow Control • IEEE 802.3af/at PoE, Midspan PoE
Interface	<ul style="list-style-type: none"> • Input Port: 1x RJ-45 Connector, IEEE802.3at/af PoE • Output Port: 1x RJ-45 Connector, IEEE802.3at/af PoE
Ethernet Switch Features	<ul style="list-style-type: none"> • MAC Address: 1K • Buffer Memory: 48KB • Store and Forward • Auto MDI/MDI-X, Auto Negotiation • Non-Blocking
Filtering/Forwarding Rates	<ul style="list-style-type: none"> • 100Mbps port - 148,800pps • 10Mbps port - 14,880pps
Transmission Media	<ul style="list-style-type: none"> • 100BaseTx Cat. 5 UTP/STP • 10BaseT Cat. 3, 4, 5 UTP/STP
Power over Ethernet Output	<ul style="list-style-type: none"> • Pin Assignment and Polarity: 4/5 (+), 7/8 (-), Output Power Voltage: 45-55Vdc
Input Power Requirements	<ul style="list-style-type: none"> • PoE, Supports alternatives A and B and A+B DC Input PoE Voltage: 46-57 Vdc Max Input Current: 0.7A/1.4A
LED Indicators	<ul style="list-style-type: none"> • Power, PoE Input, PoE Output
Environment	<ul style="list-style-type: none"> • Operating temperature : 0°C to 50°C • Operating Humidity: 0 ~ 90%, Non-condensing • Storage Temperature: -20° to 70°C • Storage Humidity: 0 ~ 95%, Non-condensing
Dimension	<ul style="list-style-type: none"> • W80 x D70 x H23 mm
Certification	<ul style="list-style-type: none"> • FCC, CE

Application



Ordering information

RP-PE101E 1-P Fast Ethernet 802.3at PoE Extender, Mid-span PoE in/Mid-span PoE out

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