

PoE Extender

WI-PE31E | WI-PE51E | WI-PE31G |
WI-PE51G | WI-PE21E | WI-PE21G



PoE Extender

Wi-Tek PoE Extender extends a PoE+/PoE++ network connection 100m with 100Mbps from the PoE power source equipment. DIP switch provides Extend mode(250m Long range), and VLAN mode. No configuration is needed, quick provision and more flexible project adaptation.

Key Features

- High power PoE output
- Compatible with 802.3af/at/bt PoE powered devices
- 250m long distance for PoE ports
- Port isolation for security
- Support desktop mount and wall mount
- Plug and play, zero configuration
- Forwards both Ethernet data and PoE power to remote device
- Cost-effective to extend your network

Specifications

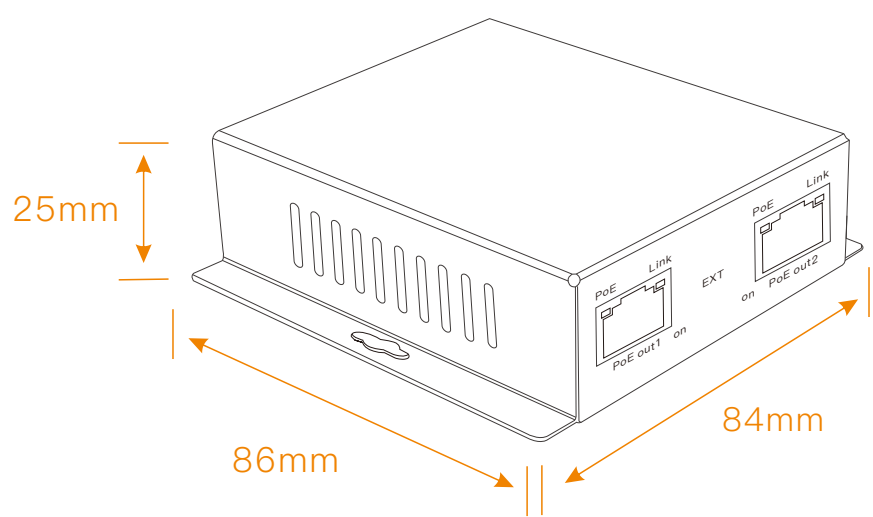


| Model | WI-PE31E | WI-PE31G | WI-PE51E | WI-PE51G | WI-PE21E | WI-PE21G |
|--------------------------|---|--|---|--|--|--|
| Hardware Specifications | | | | | | |
| Hardware Version | V1 | V1 | V1 | V1 | V1 | V1 |
| Interfaces | | | | | | |
| Interfaces | PoE in port: 1 x 100Mbps PoE port with 802.3af/at 30W PoE output port: 2 x 100Mbps PoE port with 802.3af/at 30W 802.3af/at support auto MDI/MDI-X, auto-negotiation RJ-45Connector | PoE in port: 1 x 1000Mbps PoE port with 802.3af/at 30W PoE output port: 2 x 1000Mbps PoE port with 802.3af/at 30W 802.3af/at support auto MDI/MDI-X, auto-negotiation RJ-45Connector | PoE in port: 1 x 100Mbps PoE port with 802.3bt 60W PoE output port: 4 x 100Mbps PoE port with 802.3af/at 30W 1 x 100Mbps Ethernet port 802.3af/at support auto MDI/MDI-X, auto-negotiation RJ-45Connector | PoE in port: 1 x 1000Mbps PoE port with 802.3af/at 90W PoE output port: 4 x 1000Mbps PoE port with 802.3af/at 30W 802.3af/at support auto MDI/MDI-X, auto-negotiation RJ-45Connector | PoE in port: 1 x 100Mbps PoE port with 802.3af/at 30W PoE output port: 1 x 100Mbps PoE port with 802.3af/at 30W 802.3af/at support auto MDI/MDI-X, auto-negotiation RJ-45Connector | PoE in port: 1 x 1000Mbps PoE port with 802.3af/at 30W PoE output port: 1 x 1000Mbps PoE port with 802.3af/at 30W 802.3af/at support auto MDI/MDI-X, auto-negotiation RJ-45Connector |
| PoE | | | | | | |
| PoE Port | 3 10Mbps/100Mbps PoE ports | 3 100Mbps/1000Mbps PoE ports | 5 10Mbps/100Mbps PoE ports | 5 100Mbps/1000Mbps PoE ports | 2 10Mbps/100Mbps PoE ports | 2 10Mbps/100Mbps PoE ports |
| Power Supply | | | | | | |
| Input Power | PoE DC 37-57V 1.25A Max | | PoE DC 37-57V 3.75A Max | | PoE DC 37-57V 0.65A Max | |
| Output Power | 802.3af/at | | | | | |
| Physical Characteristics | | | | | | |
| LED Indicators | pwr On: the device power on is normal Off: the device is power off or failed Link On: ports link up Off: ports link down Blinking: data on TX/RX PoE On: PoE working Off: PoE not working On: The transmission of PoE output ports can be up to 250m, but the rate is limited to 10Mbps | | P On: the device power on is normal Off: the device is power off or failed Link On: ports link up Off: ports link down Blinking: data on TX/RX PoE On: PoE working Off: PoE not working E On: Extend mode is enable Off: Extend mode is disable | | pwr On: the device power on is normal Off: the device is power off or failed Link On: ports link up Off: ports link down Blinking: data on TX/RX | |

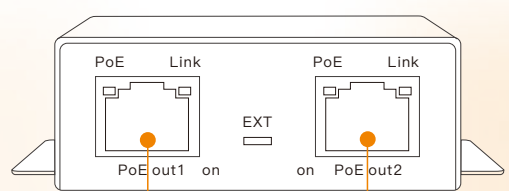
| | | | | | |
|-----------------------|--|---|--|-------------------------|-------------------------|
| | Off: The transmission PoE output ports can be up to 100m with 100Mbps | | V On: VLAN mode is enable Off: VLAN mode is disable | | |
| Button | Extend On: the transmission of PoE output ports cna be up to 250m, but the rate is limited to 10Mbps Off: the transmission of PoE output ports cna be up to 100m with 100Mbps | | Default The transmission of PoE output ports cna be up to 100m with 100Mbps VLAN All downlink ports are isolated from each other, but can communicate with uplink ports Extend the transmission of PoE output ports cna be up to 250m, but the rate is limited to 10Mbps | | — |
| Fan Quantity | Fanless | | | | |
| Extender Dimension | 86*84*25 mm | | 140*80*27 mm | | 112*40*25 mm |
| Package Dimension | 125*97*40 mm | | 193*95*32 mm | | 116*42*27 mm |
| Weight | Net Weight: 0.14 kg | Net Weight: 0.15 kg | Net Weight: 0.27 kg | Net Weight: 0.28 kg | Net Weight: 0.065 kg |
| | Package Weight: 0.18 kg | PackageWeight: 0.19 kg | Package Weight: 0.31 kg | Package Weight: 0.33 kg | Package Weight: 0.07 kg |
| Installation | Wall–Mounted, Desktop | | | | |
| Environmental | | | | | |
| Reliability | Surge Immunity | IEC 61000–4–5 Common mode 3kV Differential mode 2kV | | | |
| | ESD Protection | IEC 61000–4–2 Contact discharge 6kV Air discharge 8kV | | | |
| Operating Temperature | 0℃ to 40℃(32°F to 104°F) | | | | |
| Operating Humidity | 5% ~ 90% RH no condensation | | | | |
| Storage Temperature | –40℃ to 75℃(–40°F to 185°F) | | | | |
| Storage Humidity | 5% ~ 95% RH no condensation | | | | |
| Others | | | | | |
| Certification | CE, FCC, RoHS, UKCA, RCM | | | | |

WI-PE31E

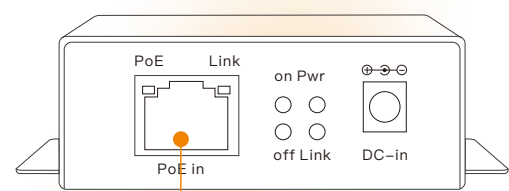
Dimensions (mm)



Front Panel



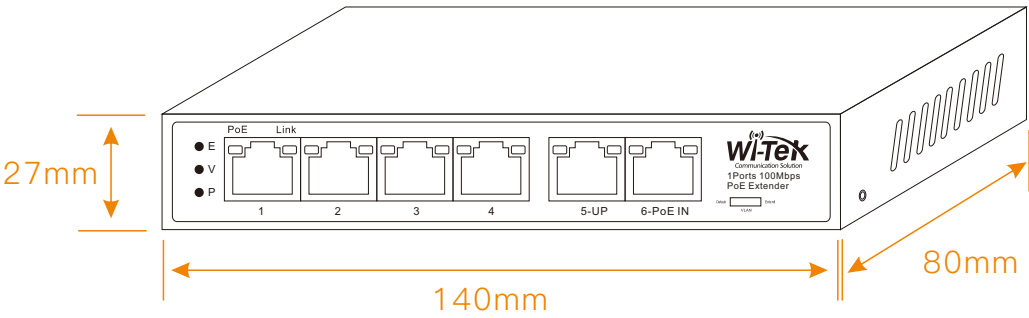
1 x 10/100Mbps PoE+ output port
1 x 10/100Mbps PoE+ output port



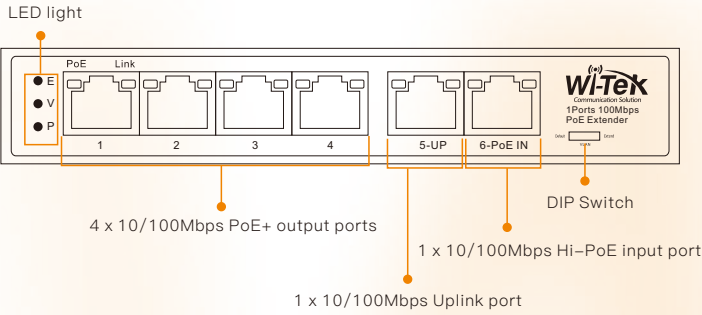
1 x 10/100Mbps PoE+ input port

WI-PE51E

Dimensions (mm)



Front Panel

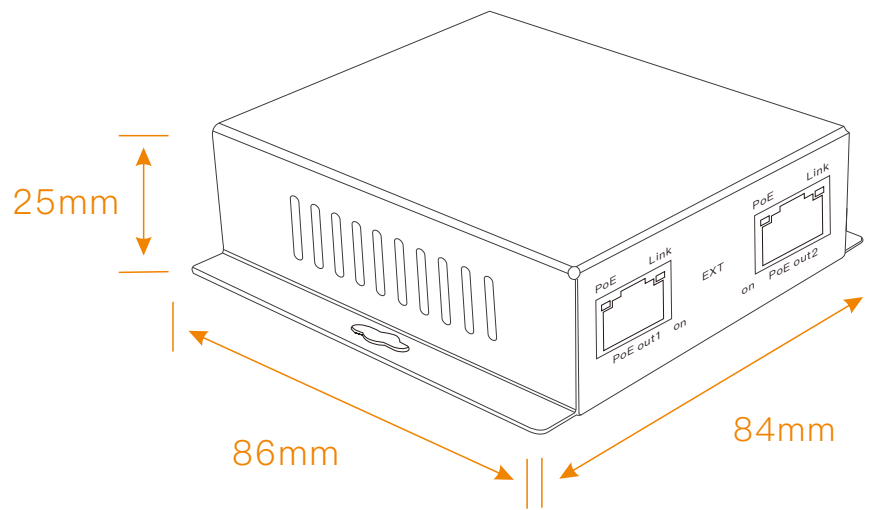


Side Panel

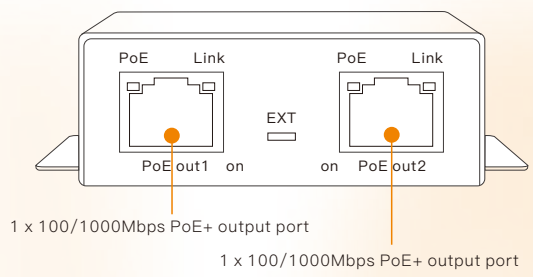


WI-PE31G

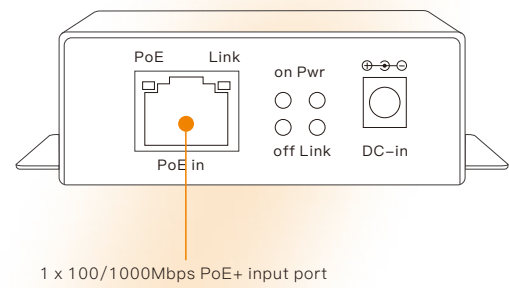
Dimensions (mm)



Front Panel

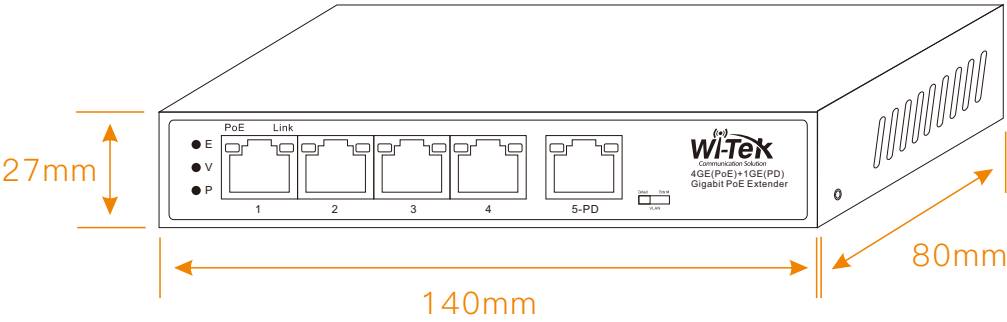


Side Panel

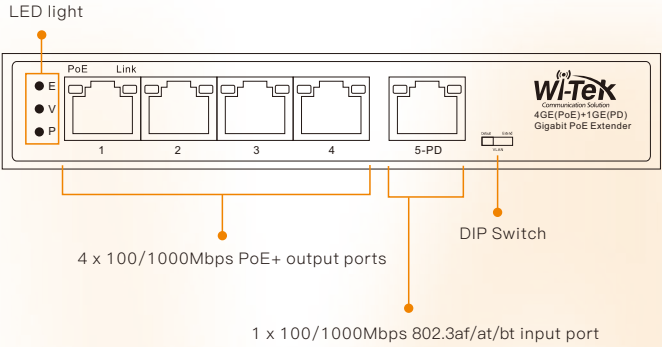


WI-PE51G

Dimensions (mm)



Front Panel

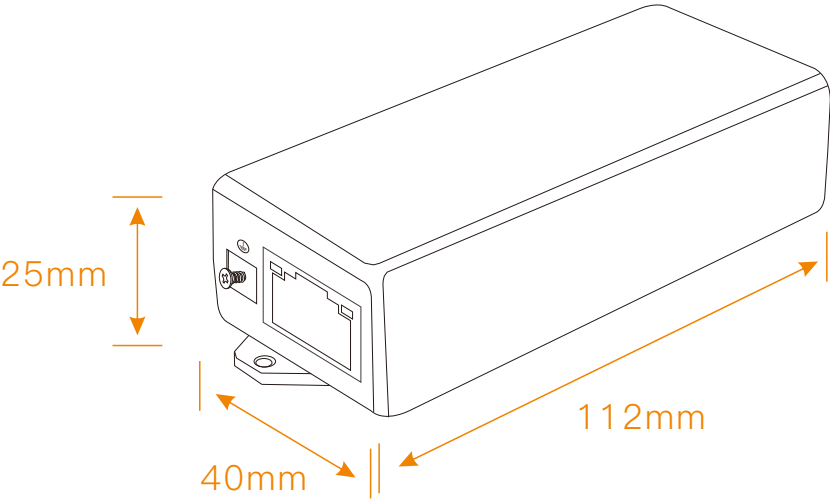


Side Panel

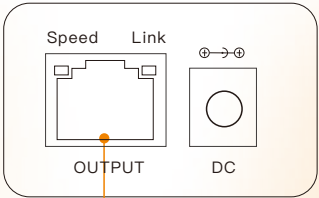


WI-PE21E

Dimensions (mm)

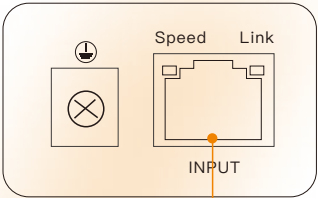


Front Panel



1 x 10/100Mbps PoE+ output port

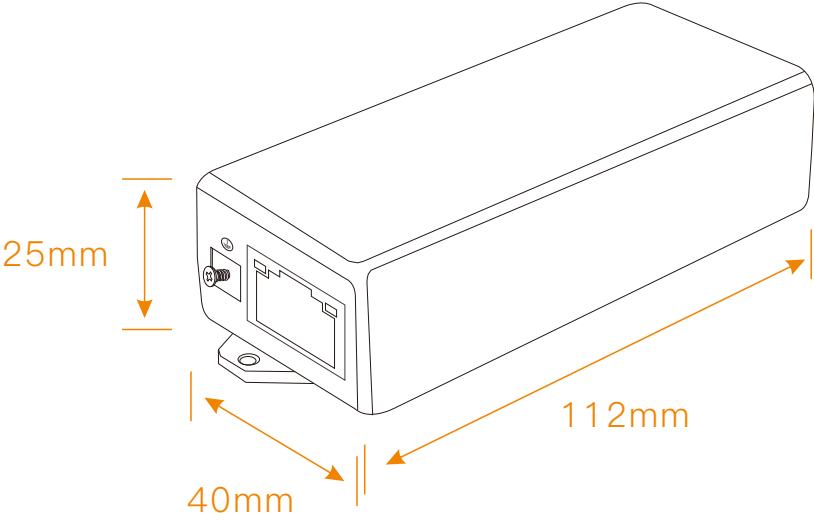
Side Panel



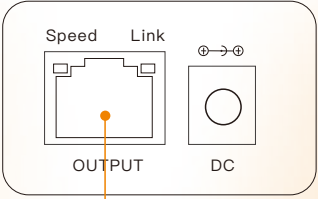
1 x 100/1000Mbps PoE+ input port

WI-PE21G

Dimensions (mm)

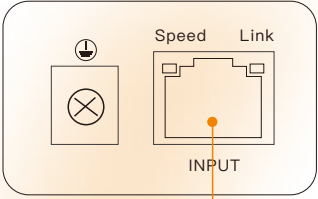


Front Panel



1 x 100/1000Mbps PoE+ input port

Side Panel



1 x 100/1000Mbps PoE+ output port

Package Contents

Welcome to order our products. After purchasing, you will receive:

| Items | Quantity |
|--------------|----------|
| PoE Extender | 1 pcs |



Wireless–Tek Technology Limited
Address:Building 3, Units 1801–1807, 1812, Huaqiang Era Plaza, Tangwei Community, Fuhai Street, Bao’an District, Shenzhen City, Guangdong Province, China.
Website:www.wireless–tek.com
Tel:86–0755–32811290
Email:sales@wireless–tek.com
Technical Support:tech@wireless–tek.com



Technical Support



Cloud Management



Company Website