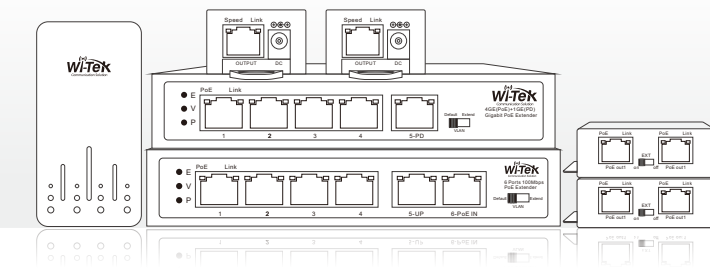




Wi-Tek PoE Extender

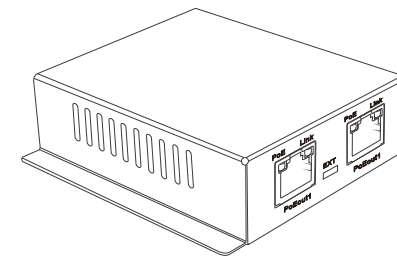


IEEE802.3af and IEEE802.3at

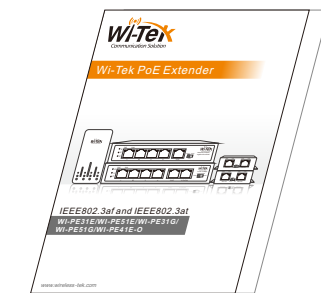
WI-PE31E/WI-PE51E/WI-PE31G/
WI-PE51G/WI-PE41E-O

1. Package Content

1.1 WI-PE31G as an example



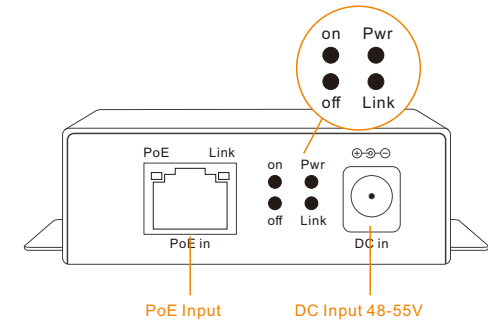
PoE Extender X1



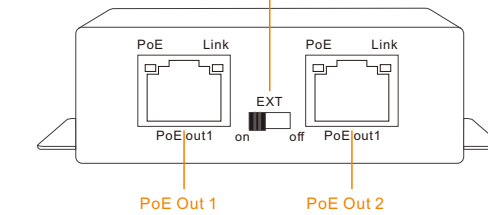
Guide Book X1

2. Hardware Overview

2.1 Indoor PoE Extender (WI-PE31 E / WI-PE31G)

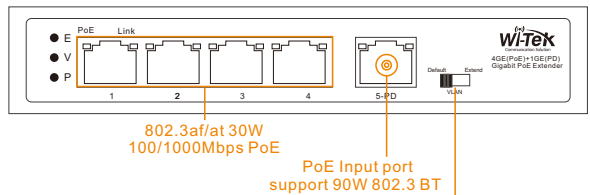


Extend DIP Switch
 on: The transmission of PoE output ports can be up to 250m, but the rate is limited to 10Mbps
 off: The transmission PoE output ports can be up to 100m with 100Mbps

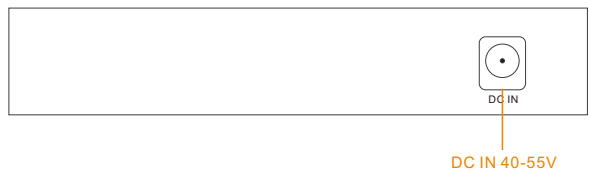


| LED Indicators | |
|-----------------------|---|
| PWR (Power indicator) | Off: the device is power off or failed On: the device power on is normal |
| Link Indicator | Off: ports link down On: ports link up Blinking: data on TX/RX |
| PoE Indicator | Off: PoE not working On: PoE working |
| VLAN | Off: VLAN mode is disable. On: VLAN mode is enable. |
| Extend | Off: Extend mode is disable On: Extend mode is enable |

2.2 Indoor PoE Extender (Take WI-PE51G as an example)

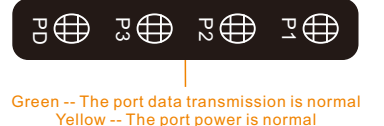


802.3af/at 30W
100/1000Mbps PoE
PoE Input port support 90W 802.3 BT

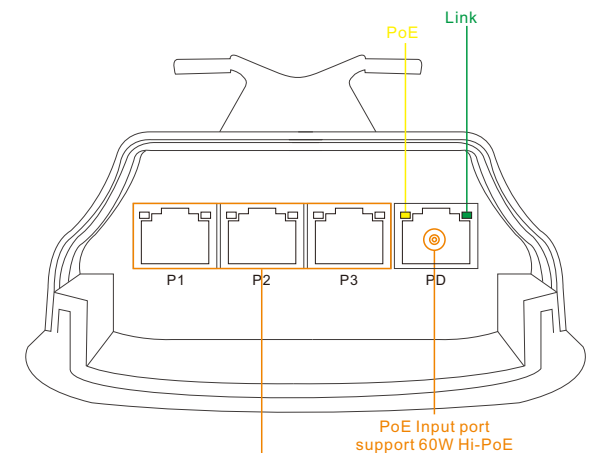


| LED Indicators | |
|-----------------------|---|
| PWR (Power indicator) | Off: the device is power off or failed On: the device power on is normal |
| Link Indicator | Off: ports link down On: ports link up Blinking: data on TX/RX |
| PoE Indicator | Off: PoE not working On: PoE working |
| VLAN | Off: VLAN mode is disable. On: VLAN mode is enable. |
| Extend | Off: Extend mode is disable On: Extend mode is enable |

2.3 Outdoor PoE Extender



Green -- The port data transmission is normal
 Yellow -- The port power is normal



Support 802.3af/at
30W 10/100Mbps PoE Output

| LED Indicators | |
|----------------|--|
| Link Indicator | Off: ports link down On: ports link up Blinking: data on TX/RX |
| PoE Indicator | Off: PoE not working On: PoE working |
| P1/P2/P3/PD | Green: data on TX/RX Yellow: the PoE is normal |

3. Network Application

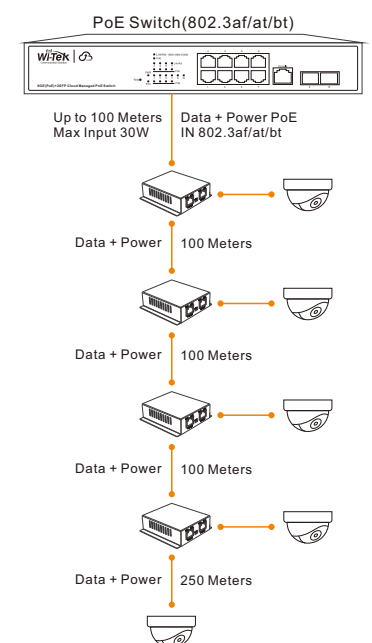
3.1 Networking Solution (Illustration for WI-PE31E)

Step 1: Connect the first PoE extender to the PoE port of switch which is compatible with 802.3af/at/bt. (Or connect a DC adapter to power up the first PoE extender)

Step 2: Connect the second PoE extender to the first PoE extender via PoE input port.

Step 3: Connect an IP camera to the second PoE extender via PoE output port.

Note: Recommend no more than 4 units PoE extender in one network.



4. Product Family

| Product | Speed | Interface | PoE Output Port | PoE Input Port | Application |
|------------|----------|-----------|--------------------|--------------------|-------------|
| WI-PE31E | 100Mbps | 3FE | 2 x 802.3af/at 30W | 1 x 802.3af/at 30W | Indoor |
| WI-PE31G | 1000Mbps | 3GE | 2 x 802.3af/at 30W | 1 x 802.3af/at 30W | Indoor |
| WI-PE51E | 100Mbps | 6FE | 4 x 802.3af/at | 1 x 60W Hi-PoE | Indoor |
| WI-PE51G | 1000Mbps | 5GE | 4 x 802.3af/at 30W | 1 x 60W Hi-PoE | Indoor |
| WI-PE41E-O | 100Mbps | 4FE | 3 x 802.3af/at 30W | 1 x 60W Hi-PoE | Outdoor |
| WI-PE21E | 100Mbps | 2FE | 1 x 802.3af/at 30W | 1 x 802.3af/at 30W | Indoor |
| WI-PE21G | 1000Mbps | 2GE | 1 x 802.3af/at 30W | 1 x 802.3af/at 30W | Indoor |

Warranty Card

| | |
|-------------------|--|
| Username | |
| Address | |
| Telephone No. | |
| Purchase Shop | |
| Purchase Address | |
| Product Model No. | |
| Purchase Time | |
| Serial No. | |
| Dealer Signature | |

- If the product defects within three months after purchase, we will provide you a new product of the same model.
- If the product defects within the three-year warranty period, we will provide the professional maintenance service.
- Proof of purchase and a complete product serial number are required to receive any services guaranteed as part of the limited warranty.
- Any other defects that are not caused by workmanship or product quality, such as natural disaster, water damage, extreme thermal or environmental conditions, sticker damaged, warranty card losing will disqualify the product from limited warranty.



Wireless-Tek Technology Limited
 Address: Biaofang Technology Building 402, Bao'an street,
 Baoan District, Shenzhen City, Guangdong, China
 Website: www.wireless-tek.com
 Tel: 86-0755-32811290
 Email: sales@wireless-tek.com
 Technical Support: tech@wireless-tek.com

