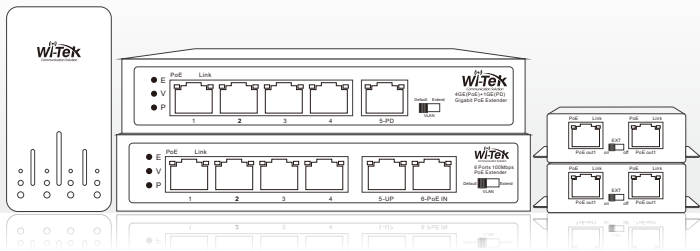
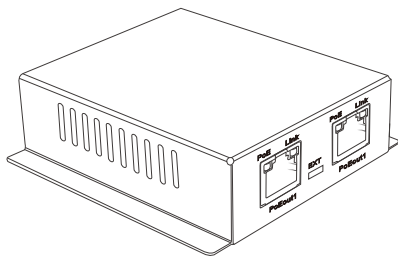


## Wi-Tek PoE Extender

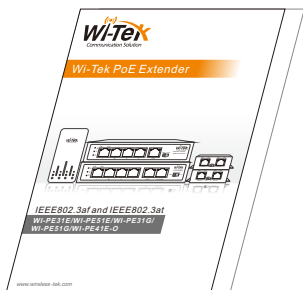


IEEE802.3af and IEEE802.3at  
WI-PE31E/WI-PE51E/WI-PE31G/  
WI-PE51G/WI-PE41E-O

# Package Content



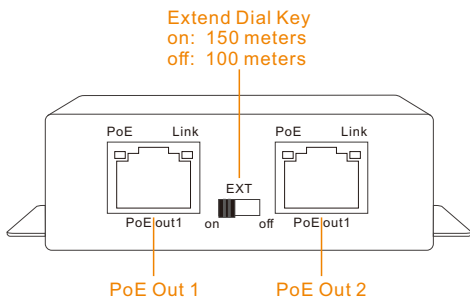
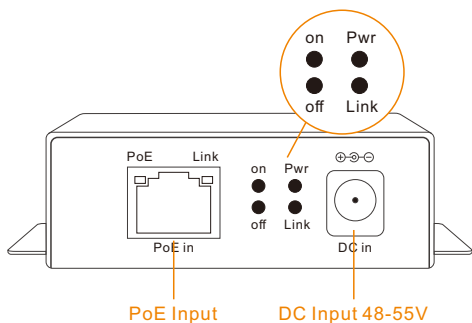
## PoE Extender X1



## Guide Book X1

# Hardware Overview

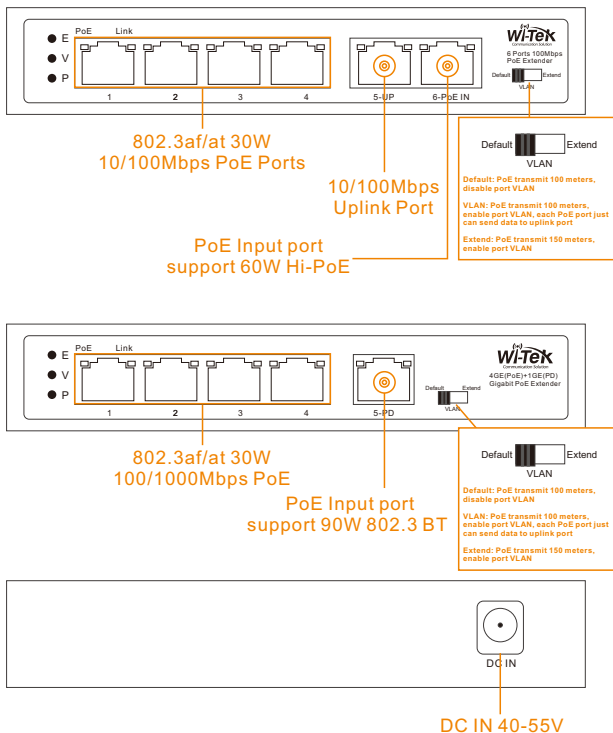
## WI-PE31E / WI-PE31G



Action	Status Location
ON	Solid Green -- Extend Mode, 150 meters long distance
OFF	Solid Green -- Default Mode, 100 meters
Power	Solid Green -- Device is powering up
Link	Solid Green -- Link activated

# Hardware Overview

## WI-PE51E / WI-PE51G



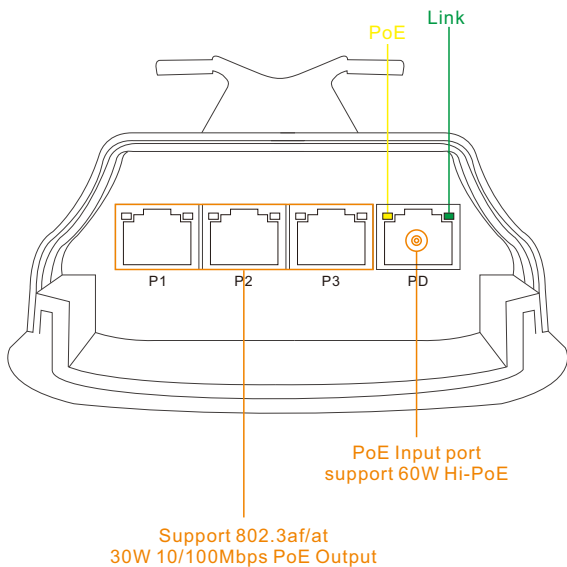
Action	Status Location
E	Green: Extend mode turned on successfully
V	VLAN: Extend mode turned on successfully
P	Power: Device is powered successfully

# Hardware Overview

## WI-PE41-O

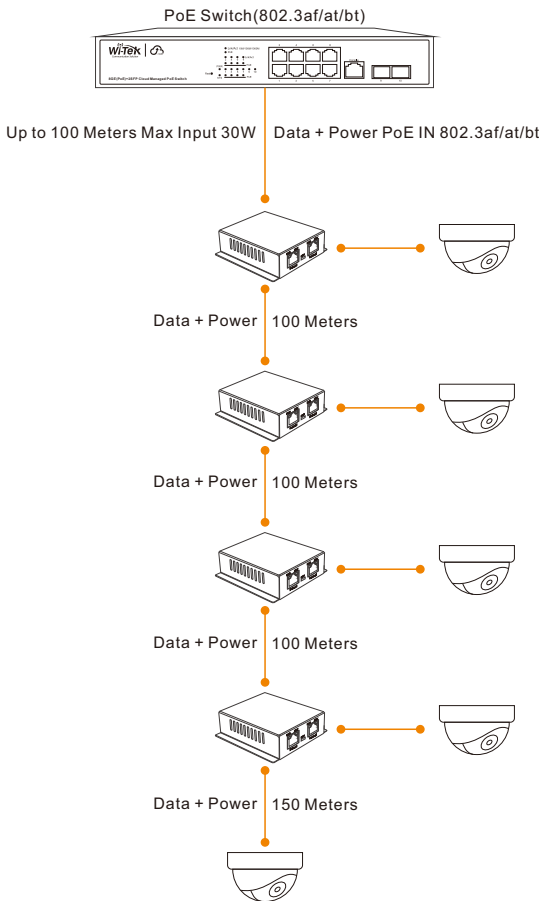


Green -- The port data transmission is normal  
Yellow -- The port power is normal



# Network Application

## Networking Solution (Illustration for WI-PE31E)





HARDWARE FEATURES		WI-PE31E
Interface	3 10/100Mbps RJ45 Ports	
Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m)	
Fan Quantity	Fanless	
PoE IN	1 x 802.3af/at 30W	
PoE OUT	2 x 802.3af/at 30W	
PoE PIN	PoE IN: 4,5+ 7,8- or 1,2+ 3,6- PoE OUT: 4,5+ 7,8- or 1,2+ 3,6-	
DC INPUT	52V 1.25A Max	
LED Indicator	PWR,Link	
Packet Forwarding Rate	0.45Mpps	
SOFTWARE FEATURES		
Transmission Method	Store-And-Forward	
Advanced Functions	Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode	
OTHERS		
Certification	CE, FCC, RoHS	
Operating Temperature	-10°C~55°C	
Package Contents	1 x PoE Extender 1 x Guide Book	



HARDWARE FEATURES		WI-PE31G
Interface	3 100/1000Mbps RJ45 Ports	
Network Media	100BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 1000BASE-TX: UTP category 5e,6 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m)	
Fan Quantity	Fanless	
PoE IN	1 x 802.3af/at 30W	
PoE OUT	2 x 802.3af/at 30W	
PoE PIN	PoE IN: 4,5+ 7,8- or 1,2+ 3,6- PoE OUT: 4,5+ 7,8- or 1,2+ 3,6-	
DC INPUT	52V 1.25A Max	
LED Indicator	PWR,Link	
Switching Capacity	6Gbps	
Packet Forwarding Rate	4.45Mpps	
SOFTWARE FEATURES		
Transmission Method	Store-And-Forward	
Advanced Functions	Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode	
OTHERS		
Certification	CE, FCC, RoHS	
Operating Temperature	-10°C~55°C	
Package Contents	1 x PoE Extender 1 x Guide Book	





HARDWARE FEATURES		WI-PE51E
Interface	6 10/100Mbps RJ45 Ports	
Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m)	
Fan Quantity	Fanless	
PoE IN	1 x 60W Hi-PoE	
PoE OUT	4 x 802.3af/at 30W	
PoE PIN	PoE IN: 4,5+ 7,8- or 1,2+ 3,6- PoE OUT: 4,5+ 7,8- or 1,2+ 3,6-	
DC INPUT	52V 2.3A Max	
LED Indicator	PWR,Link	
Switching Capacity	1200Mbps	
Packet Forwarding Rate	0.89Mpps	
SOFTWARE FEATURES		
Transmission Method	Store-And-Forward	
Advanced Functions	Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode	
OTHERS		
Certification	CE, FCC, RoHS	
Operating Temperature	-10°C~55°C	
Package Contents	1 x PoE Extender 1 x Guide Book	



HARDWARE FEATURES		WI-PE51G
Interface	5 100/1000Mbps RJ45 Ports	
Network Media	100BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 1000BASE-TX: UTP category 5e,6 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m)	
Fan Quantity	Fanless	
PoE IN	1 x 60W Hi-PoE	
PoE OUT	4 x 802.3af/at 30W	
PoE PIN	PoE IN: 4,5+ 7,8- or 1,2+ 3,6- PoE OUT: 4,5+ 7,8- or 1,2+ 3,6-	
DC INPUT	52V 2.3A Max	
LED Indicator	PWR,Link	
Switching Capacity	10Gbps	
Packet Forwarding Rate	7.44Mpps	
SOFTWARE FEATURES		
Transmission Method	Store-And-Forward	
Advanced Functions	Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode	
OTHERS		
Certification	CE, FCC, RoHS	
Operating Temperature	-10°C~55°C	
Package Contents	1 x PoE Extender 1 x Guide Book	



HARDWARE FEATURES		WI-PE41E-O
Interface	4 10/100Mbps RJ45 Ports	
Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m) EIA/TIA-568 100Ω STP (Max 100m)	
Fan Quantity	Fanless	
PoE IN	1 x 60W Hi-PoE	
PoE OUT	3 x 802.3af/at 30W	
PoE PIN	PoE IN: 1,2,4,5+ 3,6,7,8- PoE OUT: 1,2,4,5+ 3,6,7,8-	
DC INPUT	N/A	
LED Indicator	PWR,Link	
Waterproof Level	IP65	
Switching Capacity	800Mbps	
Packet Forwarding Rate	0.6Mpps	
SOFTWARE FEATURES		
Transmission Method	Store-And-Forward	
Advanced Functions	Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode	
OTHERS		
Certification	CE, FCC, RoHS	
Operating Temperature	-10°C~55°C	
Package Contents	1 x PoE Extender 1 x Guide Book	

# Warranty Card

<b>Username</b>	
<b>Address</b>	
<b>Telephone No.</b>	
<b>Purchase Shop</b>	
<b>Purchase Address</b>	
<b>Product Model No.</b>	
<b>Purchase Time</b>	
<b>Serial No.</b>	
<b>Dealer Signature</b>	

- 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.



Technical Support



Cloud Management



Company Website

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