Wi-Tek
Communication Solution

We **I**nnovate, **T**ake you **E**xplore un**K**nown!

PoE Extender

WI-PE31E | WI-PE31G | WI-PE51E | WI-PE51G | WI-PE41E-O | WI-PE21E | WI-PE21G

Overview

Wi-Tek PoE Extender can extend both the Ethernet Data and IEEE 802.3at/at power over Ethernet transmission distance over the standard 100m (328 ft.) Cat. 5/5e/6 UTP cable to 200m, 300m, 400m and the maximum 550m. We provide not only indoor PoE injectors, but also outdoor PoE injectors with IP65 waterproof to guarantee stable and reliable performance even in harsh environments. Some of them come with 250 meter long distances via Extend Mode. Some of the downlink ports are isolated from each other but can communicate with uplink ports via VLAN Mode.

Features

• 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

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Specifications

HARDWARE FEATU RES	WI-PE31E	WI-PE31G	WI-PE51E	WI-PE51G
Interface	PoE in port: 1 x 100Mbps PoE port with 802.3af/at 30W DC input port: 48-55V PoE output port: 2 x 100Mbps PoE port with 802.3af/at 30W	PoE in port: 1 x 1000Mbps PoE port with 802.3af/at 30W DC input port: 48-55V PoE output port: 2 x 1000Mbps PoE port with 802.3af/at 30W	PoE in port: 1 x 100Mbps PoE port with 802.3bt 60W DC input port: 48-55V PoE output port: 4 x 100Mbps PoE port with 802.3af/at 30W 1 x 100Mbps Ethernet port	PoE in port: 1 x 1000Mbps PoE port with 802.3bt 90W DC input port: 48-55V PoE output port: 4 x 1000Mbps PoE port with 802.3af/at 30W
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 PIN	PoE IN: 4/5(+) 7/8(-) or 1/2(+) 3/6(-) PoE OUT: 4/5(+) 7/8(-) or 1/2(+) 3/6(-)			
LED Indicator	PWR, Link, PoE		PWR, Link, PoE	
DIP Switch	Extend	Extend	Default, VLAN, Extend	Default, VLAN, Extend
250m Long Distance	Yes	Yes	Yes	Yes
Port Isolation	No	No	Yes	Yes
IP65 Waterproof	No			
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			
Package Dimension	100×100×30mm	100×100×30mm	190×93×34mm	190×93×34mm
Switch Dimension	87×87×25mm	87×87×25mm	142×82×28mm	142×82×28mm
Gross Weight	0.17kg	0.17kg	0.32kg	0.32kg
Net Weight	0.14kg	0.14kg	0.28kg	0.28kg
Operating Temperature	-10°C~55°C			
Package Contents	1 x PoE Extender 1 x Installation Guide			

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HARDWARE FEATU RES	WI-PE41E-O	WI-PE21E	WI-PE21G
Interface	PoE in port: 1 x 100Mbps PoE port with 802.3bt 60W DC input port: 48-52V PoE output port: 3 x 100Mbps PoE port with 802.3af/at 30W	PoE in port: 1 x 100Mbps PoE port with 802.3af/at 30W DC input port: 37-57V PoE output port: 1 x 100Mbps PoE port with 802.3af/at 30W	PoE in port: 1 x 1000Mbps PoE port with 802.3af/at 30W DC input port: 37-57V PoE output port: 1 x 1000Mbps PoE port with 802.3af/at 30W
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 PIN	PoE IN: 4/5(+) 7/8(-) or 1/2(+) 3/6(-) PoE OUT: 4/5(+) 7/8(-) or 1/2(+) 3/6(-)		
LED Indicator	PWR, Link, PoE		
DIP Switch	N/A		
250m Long Distance	No		
Port Isolation	No		
IP65 Waterproof	Yes	No	
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		
Package Dimension	190×93×34mm	116×43×27mm	116×43×27mm
Switch Dimension	140×82×28mm	112×42×25mm	112×42×25mm
Gross Weight	0.23kg	0.06kg	0.06kg
Net Weight	0.16kg	0.07kg	0.07kg
Operating Temperature	-10°C~55°C		
Package Contents	1 x PoE Extender 1 x Installation Guide	1 x PoE Extender	

CE FC RoHS

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