

# PoE Injector / PoE Splitter

WI-POE31-48V | WI-POE51-48V | WI-POE31-24V | WI-POE51-24V | WI-POE55-48V-60W | WI-POE58-BT  
WI-POE58-BT-I-DC | WI-POE55S-BT-I-DC | WI-POE11S-48V | WI-POE31S

## Overview

Wi-Tek Power over Ethernet injectors provides different power and high-speed Ethernet data connection anywhere in your network infrastructure. Some of them come with industrial chipsets that can work at -40°C ~ 80°C harsh environments.

Wi-Tek PoE injectors are protected by a high-quality metal shell to ensure a long service life. They have passed a series of strict tests and provide you with reliable performance.

## Features

### Compatible with 802.3af/at/bt

Wi-Tek PoE injectors are compatible with both 802.3af/at/bt, and allow users to flexibly deploy standard and high-powered devices to transfer data and power simultaneously through one Ethernet cable for up to 100 meters.

### Save your Cable and Time

Your IP camera and wireless AP will not be limited by the locations without a power outlet and no additional AC wiring. Most of all, it reduces installation time.

### Supports Desktop or Wall Mount

These PoE injectors are suitable for use on a desktop or in a wall-mount installation and meet your different environments.

### Easy to Install

Zero configuration, simply connect the injectors to an Ethernet Switch and to the IP-based PoE device to provide power and data for the network with a compact and lightweight design.



# Specifications



HARDWARE FEATURES	WI-POE31-48V	WI-POE51-48V	WI-POE31-24V	WI-POE51-24V	WI-POE55-48V-60W
Product	PoE Injector				
Interface	1 100/1000Mbps PoE RJ45 Port 1 100/1000Mbps Ethernet Port				
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)				
Power Supply	AC IN 100-240V				
Data In/Out	1 10/100Mbps Data In	1 100/1000Mbps Data In	1 10/100Mbps Data In	1 100/1000Mbps Data In	1 100/1000Mbps Data In
Power In/Out Port	1 802.3af/at PoE Out		1 24V Passive PoE Out		1 802.3 af/at/bt 60W PoE Out
PoE PIN	4/5(+), 7/8- or 1/2(+), 3/6(-)		4/5(+), 7/8(-)		1/2/4/5(+), 3/6/7/8(-)
PoE Consumption	48V 24W		24V 24W		52V 60W
LED Indicator	PWR-Power				
DIP Switch	N/A				
Fan Quantity	Fanless				
Transmission Method	Store-And-Forward				
Protection Level	Lightning protection 6kV, 6kV ESD Contact discharge				
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	205×134×47mm				
Device Dimension	113×48×30mm				
Gross Weight	0.3kg				
Net Weight	0.12kg				
Package Contents	1 x PoE Injector 1 x Power Cord 1 x Quick Installation Guide				
Operating Temperature	-10°C~55°C				



HARDWARE FEATURES	WI-POE58-BT	WI-POE58-BT-I-DC	WI-POE55S-BT-I-DC	WI-POE11S-48V	WI-POE31S
Product	PoE Injector			PoE Splitter	
Interface	1 100/1000Mbps PoE RJ45 Port 1 100/1000Mbps Ethernet Port			1 100Mbps PoE RJ45 Port 1 100Mbps Ethernet Port	1 10/1000Mbps PoE RJ45 Port 1 100/1000Mbps Ethernet Port 1 DC output port
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)				
Power Supply	AC IN 100-240V	DC IN 12-57V	48-55V PoE IN	48V PoE IN	802.3af/at 30W
Data In/Out	1 100/1000Mbps Data In		1 100/1000Mbps Data Out		1 100/1000Mbps
Power In/Out Port	1 802.3 af/at/bt 90W PoE Out		12V/16V/24V/48V DC Out	12V DC Out	12V/2.5A max
PoE PIN	1/2(-), 3/6(+), 4/5(+), 7/8(-)			4/5(+), 7/8(-), or 1/2(+), 3/6(-),	1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Consumption	52V 90W			48V 24W	802.3af/at 30W
LED Indicator	PWR-Power	Hi-PoE: Hi-PoE 60W BT: Hi-PoE 90W AF: 802.3af AT: 802.3at	Power/Link		
DIP Switch	N/A		12V/16V/24V/48V	N/A	
Fan Quantity	Fanless				
Transmission Method	Store-And-Forward				
Protection Level	Lightning protection 6kV, 6kV ESD Contact discharge				
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	205×134×47mm			195×30×20mm	100×100×30mm
Device Dimension	113×90×30mm			195×30×20mm	100×80×28mm
Gross Weight	0.74kg	0.46kg		0.05kg	0.19kg
Net Weight	0.5kg	0.35kg		0.05kg	0.15kg
Package Contents	1 x PoE Injector 1 x Screw Driver 1 x Quick Installation Guide		1 x PoE Splitter 1 x Screw Driver 1 x Quick Installation Guide	1 x PoE Splitter	1 x PoE Splitter 1 x Quick Installation Guide
Operating Temperature	-10°C~55°C	-40°C~80°C		-10°C~55°C	-40°C~80°C



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Technical Support



Cloud Management



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