Datasheet

24/48V Smart PoE Converter

WI–POE90X | WI–POE60–24V

Overview

The Wi–Tek 24/48V Smart PoE Converter Series is tailor–made for wireless CCTV networks, offering seamless network conversion to enhance PoE compatibility and cost–effectiveness. With its plug–and–play feature, it provides a hassle–free and convenient solution for all your networking needs.

Features

Optimal Performance

Experience the ultimate plug–and–play solution. Enjoy unmatched flexibility, compatibility, and cost–effectiveness. Elevate your network efficiency with optimal performance.

Full Gigabit

Elevate your network performance to new heights. Harness the power of blazing–fast data transmission and exceptional reliability. Upgrade to gigabit speed support for unmatched network efficiency and performance.

Compact size

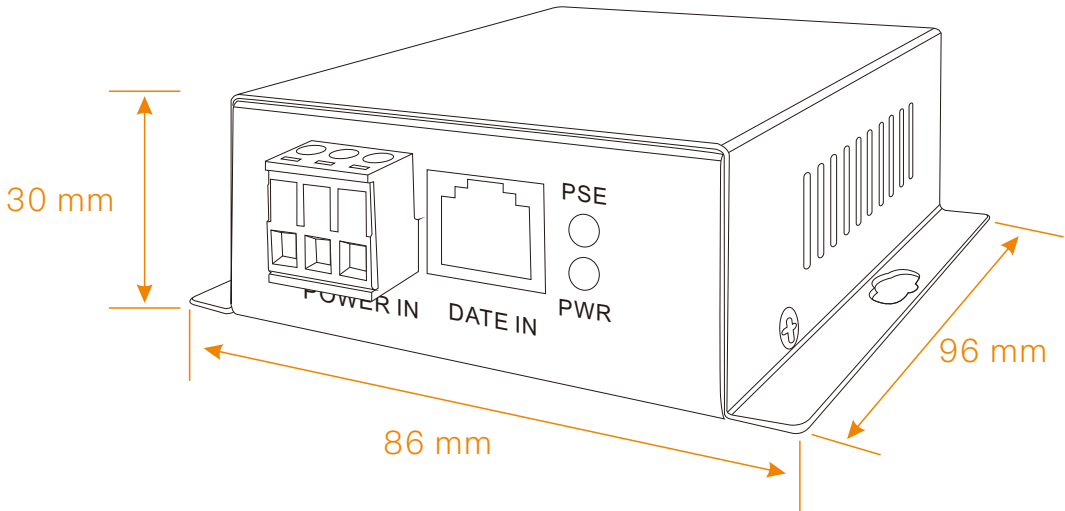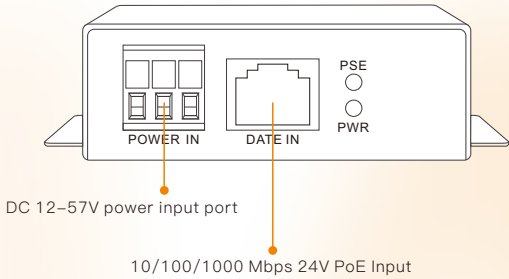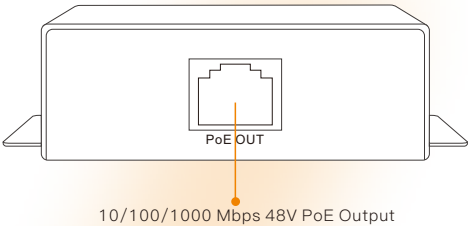Compact design for space efficiency and convenience.

Specifications

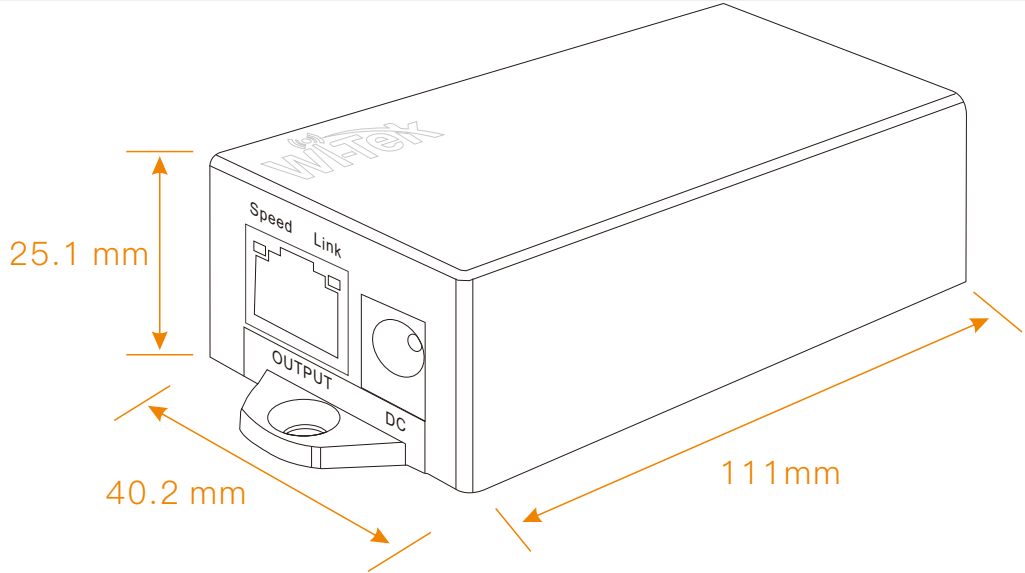| Model	WI–POE90X	WI–POE60–24V
Hardware Specifications		
Hardware Version	V1	V1
Interfaces		
Interfaces	2 10/100/1000Mbps RJ45 Ports	
PoE		
PoE Port	1 port PoE IN(24V 45+ 78–) 1 port PoE OUT(802.3AF/AT)	1 port PoE IN(802.3AF/AT) 1 port PoE OUT(24V 45+ 78–)
PoE Standard	802.3 af/at compliant PoE	
PoE Power Supply Type	End–span	/
PoE Pin Assignment	1/2(+), 3/6(–)	4/5(+), 7/8(–)
PoE Power	24W Max	
Power Supply		
Input Power	DC IN 12–57V or PoE IN (24V 45+ 78–)	DC IN 48–55V or PoE IN (802.3AF/AT)
Power Consumption	Idle: 2 W	Idle: 2 W
Physical Characteristics		
LED Indicators	**WI–POE90X** **PWR** Blinking: Abnormal power reception On: The device is powered on Off: The device does not power **PSE** Blinking: 48V PoE Out abnormal On: 48V PoE Out is normal Off: No 48V PoE Out **WI–POE60–24V** **Speed** Blinking: Abnormal power reception, or abnormal 24V output On: 48V PoE In/24V PoE Out Normal Off: No power, no 24V output **Link** Off: No device is connected to the corresponding port On: Indicates the link through that port is successfully established Blink: Data transfer	

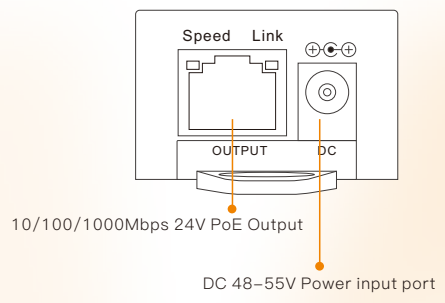| Model	WI-POE90X	WI-POE60-24V
Physical Characteristics		
Fan Quantity	Fanless	
Dimensions (W*D*H)	96×86×30 mm	111×40×25 mm
Weight	Net Weight: 0.15 kg	Net Weight: 0.065 kg
	Package Weight: 0.19 kg	Package Weight: 0.070 kg
Installation	Wall-Mounted、Desktop	
Environmental		
Reliability / Surge Immunity	IEC 61000-4-5 Common mode 6kV Differential mode 2kV	
Reliability / ESD Protection	IEC 61000-4-2 Contact discharge 6kV Air discharge 8kV	
Operating Temperature	-10°C to 70°C	-10°C to 55°C
Operating Humidity	10%~90% RH no condensation	
Storage Temperature	-40°C to 70°C	
Storage Humidity	5%~90% RH no condensation	
Others		
Certification	CE, FCC, RoHS, UKCA, RCM	
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) 1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m)	

Appearances and Dimensions

WI–POE90X

Dimensions (mm)

30 mm

96 mm

86 mm

PSE

PWR

POWER IN   DATE IN

Front Panel

POWER IN   DATE IN

PSE

PWR

DC 12–57V power input port

10/100/1000 Mbps 24V PoE Input

Back Panel

PoE OUT

10/100/1000 Mbps 48V PoE Output

WI–POE60–24V

Dimensions (mm)

25.1 mm

40.2 mm

111mm

Speed   Link

OUTPUT   DC

Front Panel

Speed   Link

OUTPUT   DC

10/100/1000Mbps 24V PoE Output

DC 48–55V Power input port

Back Panel

Speed   Link

INPUT

Grounding

10/100/1000Mbps 48V PoE Input
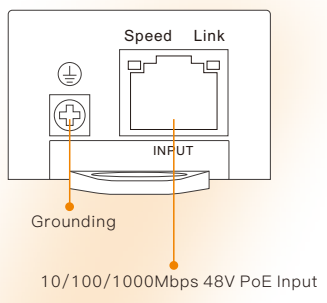
Package Contents

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

Items	Quantity
PoE Converter	1 pcs

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