![Wi-Tek logo] WI-Tek — Communication Solution

250meters Long-Distance PoE Switch for CCTV

WI-PS205(V2) | WI-PS210(V2) | WI-PS210G(V2)
WI-PS518G(V3) | WI-PS526G(V2)

Overview

Complied with 802.af/at/bt(Hi-PoE), Wi-Tek Long-Distance PoE Switch provide 4/8/16/24 10/100Mbps PoE RJ-45 ports, which can flexibly meet the demand for multiple PoE Output in different application scenarios.In addition, Wi-Tek Long-Distance PoE Switch can extend the data transmission distance to 250m, breaking the distance limit and improving the device availability. At the same time, Wi-Tek Long-Distance PoE Switch provide valuable features such as extend mode, PoE Watchdog, Port isolation, creating reliable network to grow your business.

Features

Hi-PoE 60W Design for Higher Powered PoE Devices

High-PoE switch is the upgraded version of PoE switch with higher PoE power. There are many emerging applications that take advantage of high-power PoE, such as bui lding infrastructure with LED display, PTZ IP cameras, and other high power consumption devices.

PoE 250m Long Distance to Extend Network

DIP switch provides Extend Mode. All PoE ports can transmit data and power up to 250 meters. No further hardware or configuration is necessary, easy-to-use and cost-saving. Perfect for surveillance camera deployment in large areas.

Smart PoE Watchdog to Reboot Camera Automatically

Watchdog is able to monitor status of camera in real time. Once the camera stops working and does not respond to the switch, the switch will reboot the camera, making surveillance management easier.

Port Isolation to Prevent Broadcast Storm

With VLAN Mode, all PoE ports only can communicate with uplink ports. Avoid data leakage between each port and prevent broadcast storm from disabling network.

Double Uplink to Eliminate the Bandwidth Limit

Uplink ports superficially resembles any other normal port on a switch or hub. Additionally, connecting the uplink port on one switch to the normal port on another switch cab helps expand the size of the network.

Specifications

Model	WI–PS205	WI–PS210	WI–PS210G
Interfaces			
Downlink Ports	4*100Mbps RJ45 PoE Ports	8*100Mbps RJ45 PoE Ports	8*100Mbps RJ45 PoE Ports
Uplink Ports	2 x 10/100Mbps RJ45 Ports	2 x 10/100Mbps RJ45 Ports	2*100/1000Mbps RJ45 Ports
PoE			
PoE Port	Port 1: 802.3 bt Port 2–4: 802.3 af/at	Port 1: 802.3 bt Port 2–8: 802.3 af/at	Port 1: 802.3 bt Port 2–8: 802.3 af/at
PoE Standard	802.3af/at/bt compliant PoE		
PoE Power Supply Type	Mid–span and End–span		
PoE Pin Assignment	1/2(+), 3/6(–), 4/5(+), 7/8(–)		
PoE Power	60 W max for port 1 30 W max for port 2–4 65 W Max. (PoE power budget)	60 W max for port 1 30 W max for port 2–8 120 W Max. (PoE power budget)	60 W max for port 1 30 W max for port 2–8 120 W Max. (PoE power budget)
Switch Property			
Standards and Protocols	IEEE 802.3i IEEE 802.3u IEEE802.3af IEEE802.3at IEEE802.3bt		IEEE 802.3i IEEE 802.3u IEEE 802.3ab IEEE802.3af IEEE802.3at IEEE802.3bt
Forwarding Mode	Store and Forward		
Switching Capacity	1.2 Gbps	2 Gbps	5.6 Gbps
Packet Forwarding Rate	0.89 Mpps	1.49 Mpps	4.17 Mbps
MAC Address Table	1k	2k	2k
Packet Buffer Memory	768KB	768KB	4MB
Power Supply			
Input Power	AC AC 100–240V, 50/60 Hz		

Model	WI–PS205	WI–PS210	WI–PS210G
Power Consumption	Idle: 2W 100% Traffic Rate with PoE: 62 W	Idle: 2W 100% Traffic Rate with PoE: 122W	Idle: 2W 100% Traffic Rate with PoE: 122W
Physical Characteristics			
LED Indicators	**PoE:** Solid on: Equipment connected, normal power supply Off: Port not for terminal equipment power supply **LNK/ACT:** Solid on: Port connected Blinking: Data transmission Off: Port disconnected **PWR:** Solid on: The device power on is normal Off: The device is power off or failed		
Fan Quantity	Fanless		
Dimensions (W*D*H)	190*130*35mm	210*150*35mm	210*150*35mm
Weight	Net Weight: 0.6kg Package Weight: 1kg	Net Weight: 0.75kg Package Weight: 1.15kg	Net Weight: 0.75kg Package Weight: 1.2kg
Installation	Wall–Mounted	Wall–Mounted	Wall–Mounted
Environmental			
Reliability	Surge Immunity	Common mode 6KV Differential mode 2KV	
	ESD Protection	Contact discharge 6K Air discharge 8KV	
Operating Temperature	–10℃ ~ 55℃ (14℉ ~ 131℉)		
Storage Temperature	–40℃ ~ 70℃ (–40℉ ~ 158℉)		
Operating Humidity	10—90% RH non–condensing		
Storage Humidity	5—90% RH non–condensing		
Certification			
Certification	CE, FCC, RoHS, UKCA, RCM		

Model	WI–PS518G	WI–PS526G
Interfaces		
Downlink Ports	16*100Mbps RJ45 PoE Ports	24*100Mbps RJ45 PoE Ports
Uplink Ports	1*100/1000Mbps RJ45 Port 1*100/1000Mbps Combo Port	2*100/1000Mbps Combo Ports
PoE		
PoE Port	Port 1–2: 802.3 bt Port 3–16: 802.3 af/at	Port 1–2: 802.3 bt Port 3–24: 802.3 af/at
PoE Standard	802.3af/at/bt compliant PoE	
PoE Power Supply Type	Mid–span and End–span	
PoE Pin Assignment	1/2(+), 3/6(–), 4/5(+), 7/8(–)	
PoE Power	60 W max for port 1–2 30 W max for port 3–16 200 W Max. (PoE power budget)	60 W max for port 1–2 30 W max for port 3–24 250 W Max. (PoE power budget)
Switch Property		
Standards and Protocols	IEEE 802.3i IEEE 802.3u IEEE 802.3ab IEEE802.3af IEEE802.3at IEEE802.3bt	
Forwarding Mode	Store and Forward	
Switching Capacity	7.2 Gbps	8.8 Gbps
Packet Forwarding Rate	5.36 Mpps	6.55 Mpps
MAC Address Table	4k	4k
Packet Buffer Memory	4.1MB	4.1MB
Power Supply		
Input Power	AC 100–240V, 50/60 Hz	

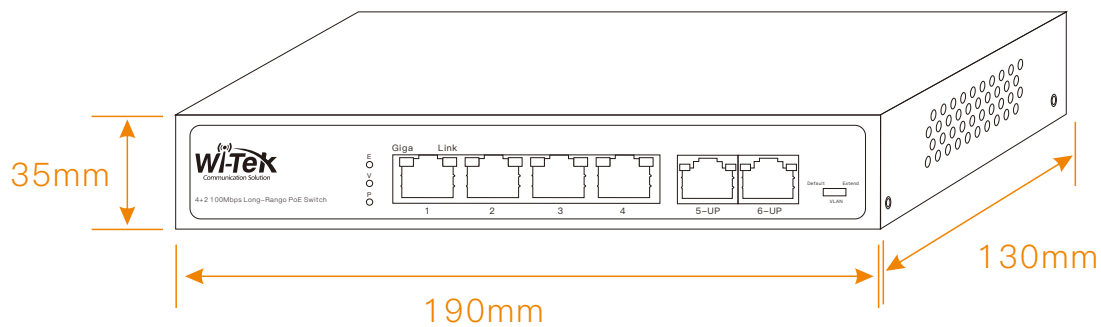| Model	WI-PS518G	WI-PS526G
Power Consumption	Idle: 5W 100% Traffic Rate with PoE: 205 W	Idle: 6W 100% Traffic Rate with PoE: 256W
Physical Characteristics		
LED Indicators	**PoE:** Solid on: Equipment connected, normal power supply Off: Port not for terminal equipment power supply **LNK/ACT:** Solid on: Port connected Blinking: Data transmission Off: Port disconnected **PWR:** Solid on: The device power on is normal Off: The device is power off or failed	
Fan Quantity	Fanless	
Dimensions (W*D*H)	295*193*45mm	440*290*45mm
Weight	Net Weight: 1.75kg	Net Weight: 3.25kg
	Package Weight: 2.5kg	Package Weight: 4.05kg
Installation	Rack-Mounted	Rack-Mounted
Environmental		
Reliability	Surge Immunity	Common mode 6KV Differential mode 2kV
	ESD Protection	Contact discharge 6K Air discharge 8kV
Operating Temperature	−10℃ ~ 55℃ (14℉ ~ 131℉)	
Storage Temperature	−40℃ ~ 70℃ (−40℉ ~ 158℉)	
Operating Humidity	10—90% RH non-condensing	
Storage Humidity	5—90% RH non-condensing	
Certification		
Certification	CE, FCC, RoHS, UKCA, RCM	

Appearances and Dimensions

WI–PS205(V2)

Dimensions (mm)

35mm

190mm

130mm

Front Panel

LED light

2*10/100Mbps RJ45 Ports

4*100Mbps RJ45 PoE Ports

DIP Switch

Rear Panel

Grounding

AC Power port
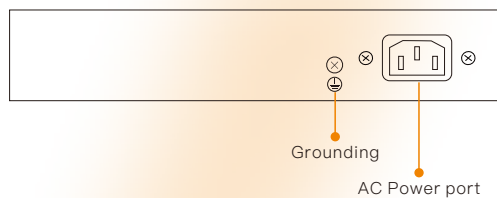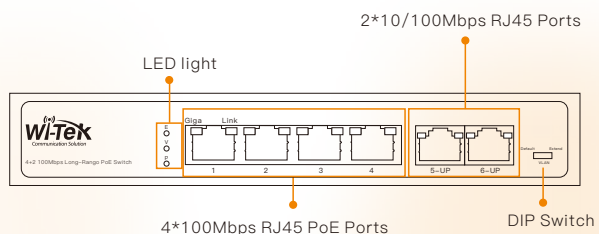
WI–PS210G(V2)

Dimensions (mm)

35mm

210mm

150mm

8+2G Long-Range PoE Switch

Front Panel

8*100Mbps RJ45 PoE Ports

8+2G Long-Range PoE Switch

DIP Switch

2*10/100Mbps RJ45 Ports

Rear Panel

Grounding Interface
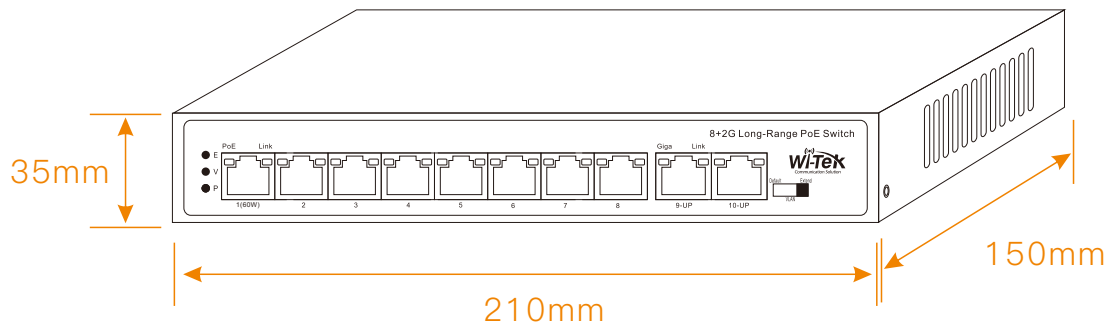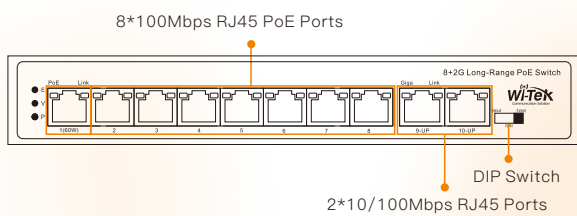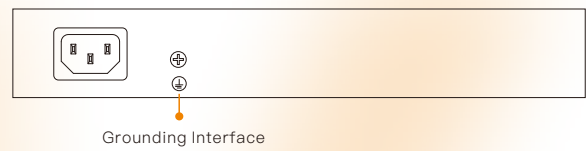
WI-PS518G(V3)

Dimensions (mm)

45mm

295mm

193mm

Front Panel

1 10/100/1000Mbps RJ45 Port

16*100Mbps RJ45 PoE Ports

1 1000Mbps Combo Port

DIP Switch

Rear Panel

AC-100-240V

Fan

AC Power port

Grounding
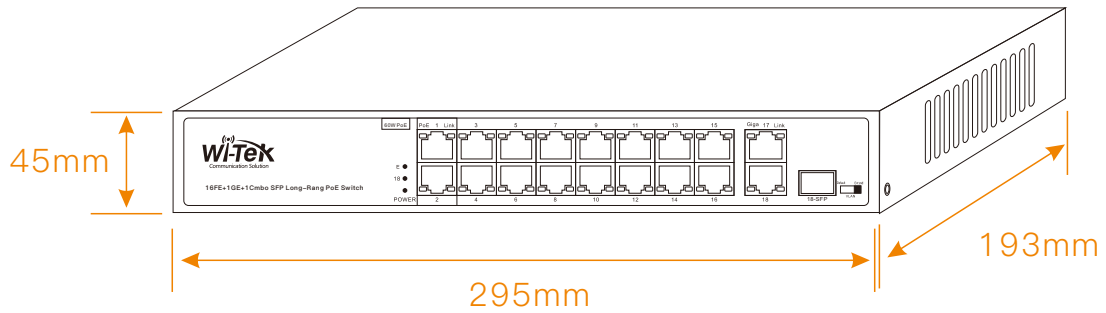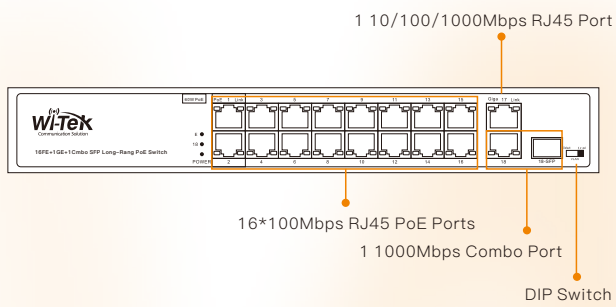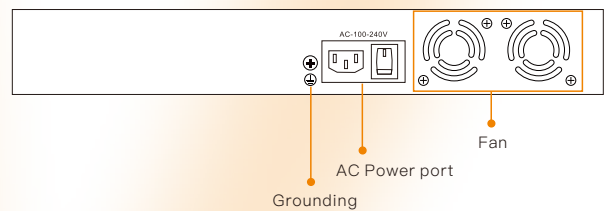
WI-PS210(V2)

Dimensions (mm)

35mm

210mm

150mm

Front Panel

8*100Mbps RJ45 PoE Ports

DIP Switch

2*100/1000Mbps RJ45 Ports

Rear Panel

Grounding Interface
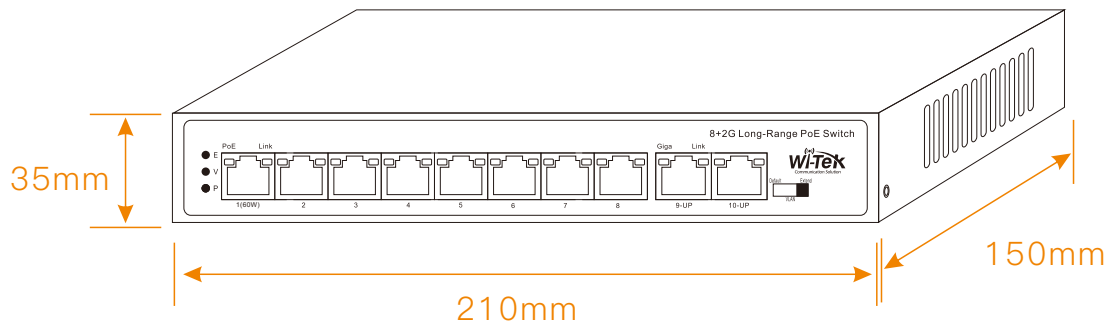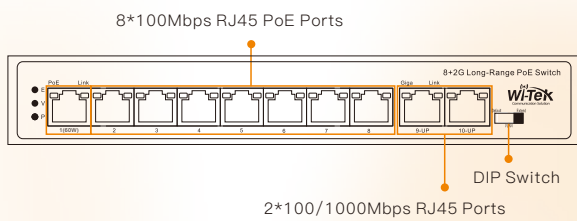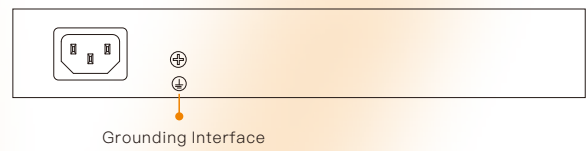
WI-PS526G(V2)

Dimensions (mm)

45mm

440mm

290mm

Front Panel

DIP Switch

24*100Mbps RJ45 PoE Ports

2*1000Mbps Combo Ports

Rear Panel

AC Power port

Grounding
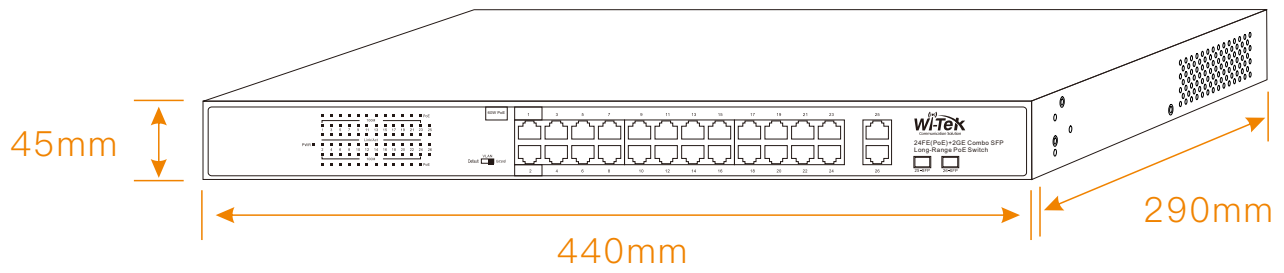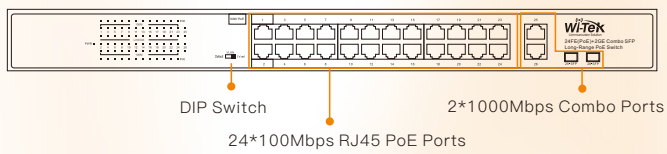
Package Contents

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

(For WI–PS205(V2), WI–PS210(V2), WI–PS210G(V2))	
Items	Quantity
Switch	1 pcs
Wall–Mounted Kit	1 pcs
Power Cord	1 pcs
Quick Installation Guide	1 pcs

(For WI–PS518G(V2), WI–PS526G(V2))	
Items	Quantity
Switch	1 pcs
Rack–Mounted Kit	1 pcs
Power Cord	1 pcs
Quick Installation Guide	1 pcs

CE FC RoHS 🚮 UK CA ⚠

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