

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 building 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 can help 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 | Net Weight: 0.75kg | Net Weight: 0.75kg |
| | Package Weight: 1kg | Package Weight: 1.15kg | 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°F ~ 131°F) | | |
| Storage Temperature | -40℃ ~ 70℃ (-40°F ~ 158°F) | | |
| Operating Humidity | 10—90% RH non-condensing | | |
| Storage Humidity | 5—90% RH non-condensing | | |
| Certification | | | |
| Certification | CE, FCC, RoHS, UKCA, RCM | | |

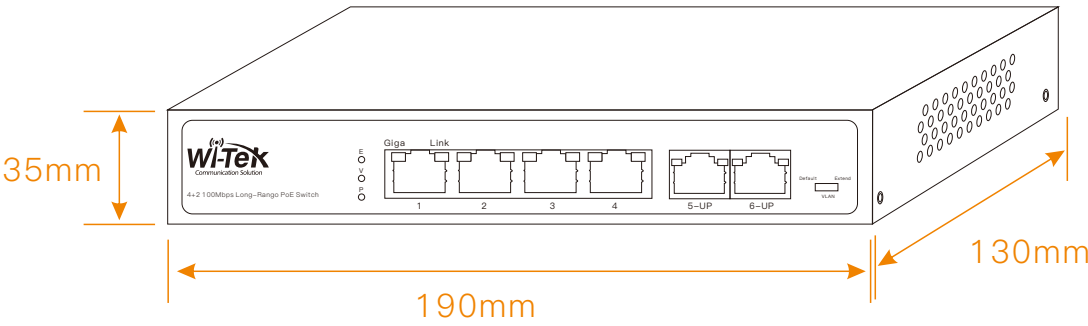
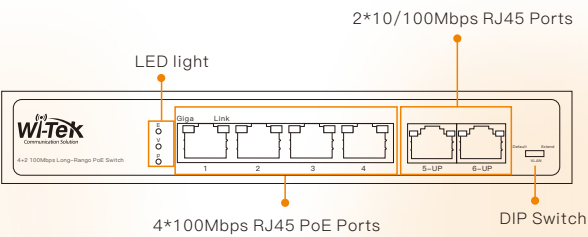
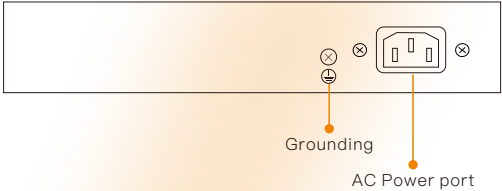


| Model | WI-PS518G | WI-PS526G |
|-------------------------|---|--|
| Interfaces | | |
| Downlink Ports | 16*100Mbps RJ45 PoE Ports | 24*100Mbps RJ45 PoE Ports |
| Uplink Ports | 1*100/1000Mbps RJ45 Port 1*100/1000Mbps Combo Port | 2*100/1000Mbps Combo Ports |
| PoE | | |
| PoE Port | Port 1–2: 802.3 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 | |



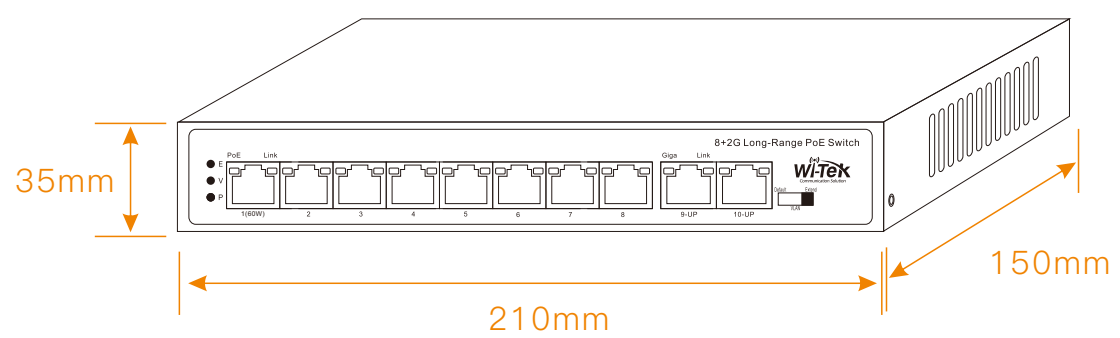
| Model | WI-PS518G | WI-PS526G |
|--------------------------|--|--|
| Power Consumption | Idle: 5W 100% Traffic Rate with PoE: 205 W | Idle: 6W 100% Traffic Rate with PoE: 256W |
| Physical Characteristics | | |
| LED Indicators | <p>PoE: Solid on: Equipment connected, normal power supply Off: Port not for terminal equipment power supply</p> <p>LNK/ACT: Solid on: Port connected Blinking: Data transmission Off: Port disconnected</p> <p>PWR: Solid on: The device power on is normal Off: The device is power off or failed</p> | |
| 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°C ~ 55°C (14°F ~ 131°F) | |
| Storage Temperature | -40°C ~ 70°C (-40°F ~ 158°F) | |
| Operating Humidity | 10—90% RH non-condensing | |
| Storage Humidity | 5—90% RH non-condensing | |
| Certification | | |
| Certification | CE, FCC, RoHS, UKCA, RCM | |

Appearances and Dimensions

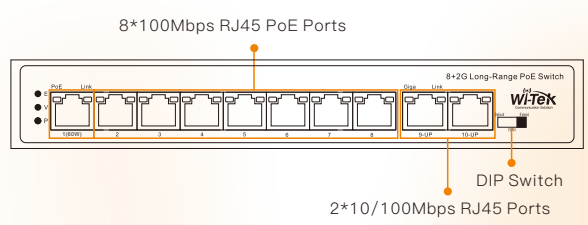
| WI-PS205(V2) | |
|---|--|
| Dimensions (mm) | |
|  | |
| Front Panel | Rear Panel |
|  |  |

WI-PS210G(V2)

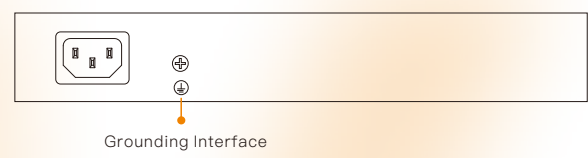
Dimensions (mm)



Front Panel

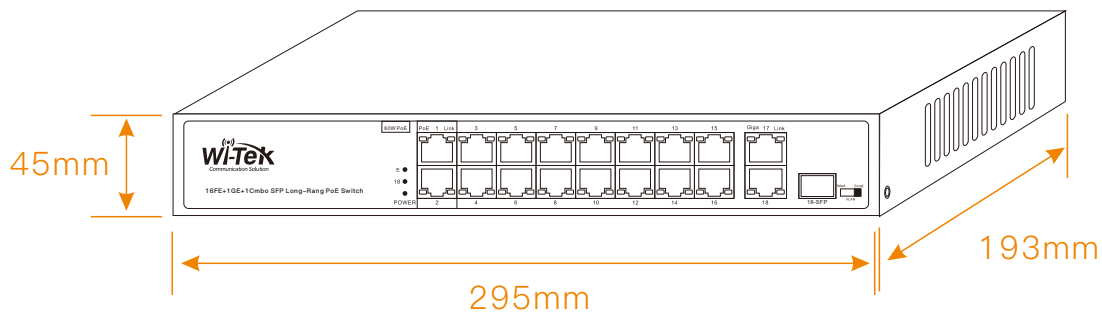


Rear Panel

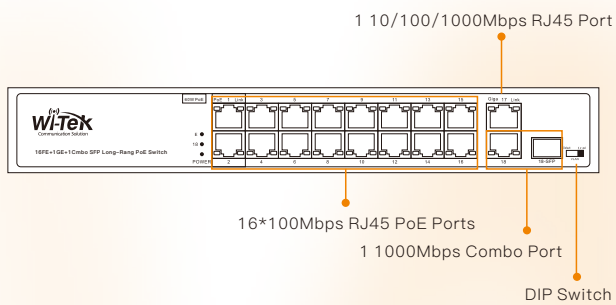


WI-PS518G(V3)

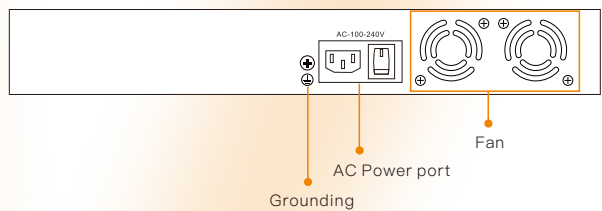
Dimensions (mm)



Front Panel

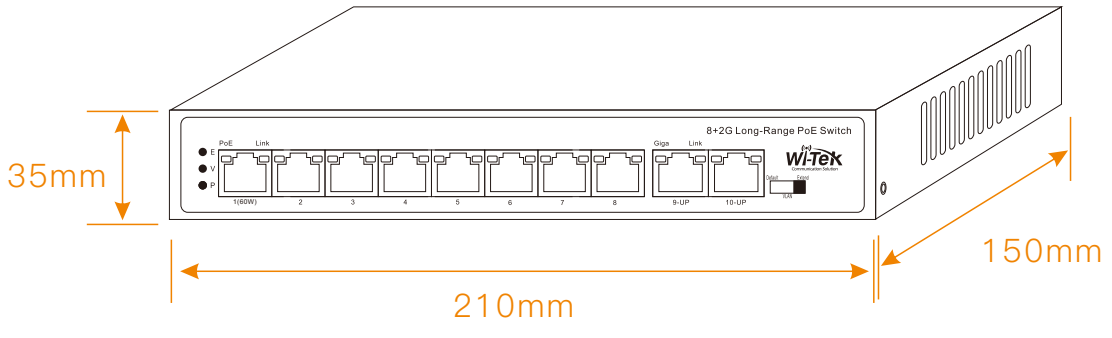


Rear Panel

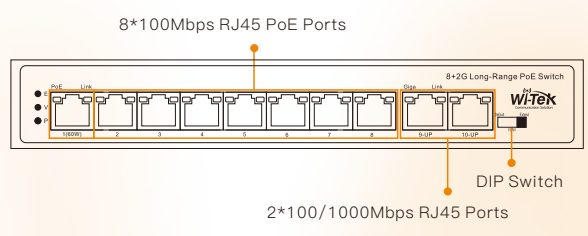


WI-PS210(V2)

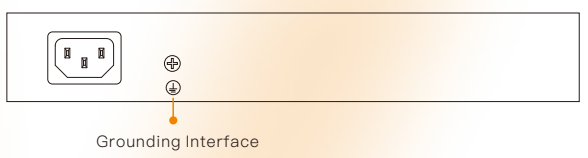
Dimensions (mm)



Front Panel

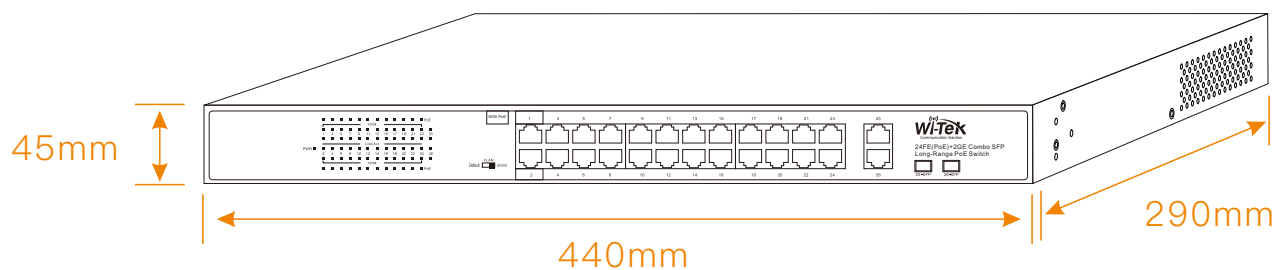


Rear Panel

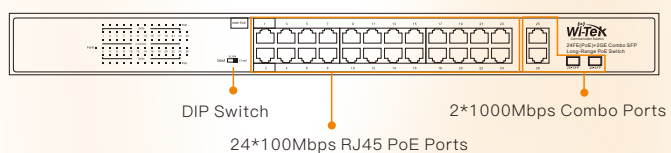


WI-PS526G(V2)

Dimensions (mm)



Front Panel



Rear Panel



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 |



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Technical Support



Cloud Management



Company Website