

# 250meters Long-Range PoE Switch for CCTV

WI-PS205 | WI-PS210 | WI-PS210G | WI-PS518G | WI-PS526G

## Overview

Break the PoE distance limitation! Wi-Tek provides a robust and cost-effective PoE solution to power up your CCTV, Access point and other IP-based devices which up to 250m away.

Support Hi-PoE 60W compatible with more kind of high-power devices such as PTZ cameras, etc. Most robust features like, Extend Mode, PoE Watchdog Function, Port Isolation, provide a lot of value for basic networking needs, creating a versatile and reliable surveillance 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 cab helps expand the size of the network.



# Specifications



Products	WI-PS205	WI-PS210	WI-PS210G	WI-PS518G	WI-PS526G
Hardware Version	V2	V2	V2	V3	V2
Interface	4 100M RJ45 PoE Ports 2 10/100Mbps RJ45 Ports	8 100M RJ45 PoE Ports 2 10/100Mbps RJ45 Ports	8 100M RJ45 PoE Ports 2 100/1000Mbps RJ45 Ports	16 100M RJ45 PoE Ports 1 100/1000Mbps RJ45 Port 1 100/1000Mbps Combo	24 100M RJ45 PoE Ports 2 100/1000Mbps Combo
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)				
Fan Quantity	Fanless			2 Fans	
Power Supply	AC 100~240V 50/60HZ				
Standard	802.3 af/at/bt compliant PoE				
PoE Ports	Port 1-4	Port 1-8	Port 1-8	Port 1-16	Port 1-24
Power Budget	65W	120W	120W	200W	250W
Hi-PoE 60W	Port 1	Port 1	Port 1	Port 1-2	Port 1-2
LED Indicator	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power
DIP Switch	Default/VLAN/Extend	Default/VLAN/Extend	Default/VLAN/Extend	Default/VLAN/Extend	Default/VLAN/Extend
250m	Yes	Yes	Yes	Yes	Yes
Port VLAN	Yes	Yes	Yes	Yes	Yes
PoE Watchdog	Yes	Yes	Yes	Yes	Yes
Mac Address Table	2k			8k	
Switching Capacity	1.2Gbps	2Gbps	5.6Gbps	7.2Gbps	8.8Gbps
Packet Forwarding Rate	0.89Mpps	1.49Mpps	1.49Mpps	2.82Mpps	3.87Mpps
Jumbo Frame	2kB	16kB	16kB	10kB	10kB
Protection Level	Lightning protection 6kV 6kV ESD Contact discharge				
Package Dimension	270×220×605 mm	270×220×65 mm	270×220×65 mm	405×275×95 mm	500×375×90 mm
Switch Dimension	190×130×35 mm	210×150×35 mm	210×150×35 mm	295×193×45 mm	440×290×45 mm
Gross Weight	1kg	1.15kg	1.2kg	2.5kg	4.05kg
Net Weight	0.6kg	0.75kg	0.75kg	1.75kg	3.25kg
Package Content	1× Switch 1× Power Cord 1× Wall mount Kit 1× Quick Installation Guide	1× Switch 1× Power Cord 1× Wall mount Kit 1× Quick Installation Guide	1× Switch 1× Power Cord 1× Wall mount Kit 1× Quick Installation Guide	1× Switch 1× Power Cord 1× Rackmount Kit 1× Quick Installation Guide	1× Switch 1× Power Cord 1× Rackmount Kit 1× Quick Installation Guide
Transmission Method	Store-And-Forward				
Advanced Functions	Watchdog Function Mac Address Auto-Learning Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode				
<b>OTHERS</b>					
Certification	CE, FCC, RoHS				
Environment	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				



## Wireless-Tek Technology Limited

Address: Biaofang Technology Building 402, Bao'an street,  
Baoan District, Shenzhen City, Guangdong, China

Website: [www.wireless-tek.com](http://www.wireless-tek.com)

Tel: 86-0755-32811290

Email: [sales@wireless-tek.com](mailto:sales@wireless-tek.com)

Technical Support: [tech@wireless-tek.com](mailto:tech@wireless-tek.com)



Technical Support



Cloud Management



Company Website