

# 250 meters 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.

Support Hi-PoE 60W compatible with more kinds of high-power devices such as PTZ cameras, etc. Most robust features like, Extend Mode, PoE Watchdog Function, Port Isolation, QoS provide a lot of value for basic networking needs, creating a versatile and reliable surveillance network to grow your business.

## Features

### 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 more hardware or configuration is necessary, easy-to-use and cost-saving. Perfect for surveillance camera deployment in large areas.

### Hi-PoE 60W Design for Higher Power 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.

### 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.

### CCTV Mode Provide QoS Function

To assure your network operates stably at peak performance, QoS is designed to assign priority to critical data on your network. To make it even easier, Wi-Tek's unmanaged switches include a DIP switch that can enable QoS with a simple flip of the switch.



# Specifications



Products	WI-PS205	WI-PS210	WI-PS210G	WI-PS518G	WI-PS526G	
Hardware Version	V4	V4	V4	V4	V4	
Interface	4 100Mbps RJ-45 PoE Ports 2 10/100Mbps RJ-45 Ports	8 100Mbps RJ-45 PoE Ports 2 10/100Mbps RJ-45 Ports	8 100Mbps RJ-45 PoE Ports 2 10/100Mbps RJ-45 Ports	16 100Mbps RJ-45 PoE Ports 1 100/100Mbps RJ-45 Port 1 1000Mbps Combo Port	24 100Mbps RJ-45 PoE Ports 2 1000Mbps Combo Ports	
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 1.5A Max	AC 100~240V 50/60Hz 2.5A Max	AC 100~240V 50/60Hz 2.5A Max	AC 100~240V 50/60Hz 4A Max	AC 100~240V 50/60Hz 5A Max	
PoE Port	Port 1: 802.3af/at/bt 60W Port 2-4: 802.3af/at 30W	Port 1: 802.3af/at/bt 60W Port 2-8: 802.3af/at 30W	Port 1: 802.3af/at/bt 60W Port 2-8: 802.3af/at 30W	Port 1: 802.3af/at/bt 60W Port 2-16: 802.3af/at 30W	Port 1: 802.3af/at/bt 60W Port 2-24: 802.3af/at 30W	
Power Budget	65W	108W	120W	200W	270W	
DIP Switch	Default/VLAN/CCTV					
Mac Address Table	2k			8k		
Switching Capacity	1.2Gbps	2Gbps	3.6Gbps	7.2Gbps	8.8Gbps	
Packet Forwarding Rate	0.89Mpps	1.488Mpps	4.16Mpps	4.75Mpps	6.54Mpps	
Protection Level	6kV Lightning protection 6kV ESD Contact discharge					
Software Features						
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					
OTHERS						
Certification	CE, FCC, RoHS					
Package Dimension	270×220×605 mm	270×220×65 mm	270×220×65 mm	405×275×95 mm		
Switch Dimension	190×130×35 mm	210×150×35 mm	210×150×35 mm	295×193×45 mm		
Gross Weight	0.75kg	0.92kg	1.2kg	2.5kg		
Net Weight	0.6kg	0.75kg	0.75kg	1.75kg		
Package Content	1× Switch 1× Power cord 1×Adapter 1×Robber pad 1× Quick Installation Guide	1× Switch 1× Power cord 1×Adapter 1×Robber pad 1× Quick Installation Guide	1× Switch 1× Power cord 1×Rackmount kit 1×Robber pad 1× Quick Installation Guide	1× Switch 1× Power cord 1×Rackmount kit 1×Robber pad 1× Quick Installation Guide	1× Switch 1× Power cord 1×Rackmount kit 1×Robber pad 1× Quick Installation Guide	
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