![Wi-Tek logo](Wi-Tek Communication Solution)

# Economic 802.3af/at PoE Switch

WI-PS205H | WI-PS210H | WI-PS518GH | WI-PS526GH | WI-PS308GH | WI-PS309GFH | WI-PS318GFH

## 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.

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

### 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

Din-rail mouting,flexible installation mode, can be correctly installed in complex environment, meet the requirements of project assembly.

### 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

| HARDWARE FEATURES | WI-PS205H | WI-PS210H | WI-PS518GH | WI-PS526GH | WI-PS308GH | WI-PS309GFH | WI-PS318GFH |
|---|---|---|---|---|---|---|---|
| Hardware Version | V2 | V1 | V1 | V1 | V2 | V1 | V1 |
| Interface | 4 100Mbps RJ45 PoE Ports<br>2 100Mbps RJ45 Ports | 8 100Mbps RJ45 PoE Ports<br>2 100Mbps RJ45 Ports | 16 100Mbps RJ45 PoE Ports<br>1 1000Mbps RJ45 Port<br>1 1000Mbps Combo | 24 100Mbps RJ45 PoE Ports<br>1 1000Mbps RJ45 Port<br>1 1000Mbps Combo | 8 1000MbpsRJ45 PoE Ports | 8 1000MbpsRJ45 POE Ports<br>1 1000MbpsRJ45 Ports<br>1 1000Mbps SFP Port | 16 1000Mbps RJ45 POE Ports<br>2 1000Mbps Combo |
| Network Media | 10BASE-T: UTP category 3, 4, 5 cable (≤ 100m)<br>EIA/TIA-568 100Ω STP (≤ 100m)<br>100BASE-TX: UTP category 5, 5e cable (≤ 100m)<br>EIA/TIA-568 100Ω STP (≤ 100m) | | | | 10Base-T: Pair 2 Category 3(cat 3) and above UTP/STP(≤100m)<br>100Base-TX: Pair 2 Category 5(cat 5) and above UTP/STP(≤100m)<br>1000BASE-TX: 6 Category and above UTP(≤150m) | | |
| Fan Quantity | Fanless | | 1×Fan | | Fanless | | 1×Fan |
| Power Supply | AC 100~240V 50/60HZ | | | | | | |
| PoE Standard | 802.3 af/at compliant PoE | | | | | | |
| PoE Ports | Port 1-4 | Port 1- 8 | Port 1 - 16 | Port1 - 24 | Port 1-8 | Port 1-8 | Port 1-16 |
| PoE Power Budget | 40W | 65W | 150W | 200W | 65W | 65W | 200W |
| Mac Address Table | 2k | 4k | 8k | 8k | 4k | | |
| Packet Forwarding Rate | 0.89Mpps | 1.49Mpps | 3.87Mpps | 5.06Mpps | 14.88Mpps | 14.88Mpps | 26.79Mpps |
| Jumbo Frame | 2kB | 2kB | 10kB | | | | |
| Protection Level | Lightning protection 6KV    6KV ESD Contact discharge | | | | | | |
| Package Dimension | 195×165×60 mm | 210×180×80 mm | 370×230×80 mm | 370×230×80 mm | 195×165×60 mm | 195×165×60 mm | 370×230×80 mm |
| Switch Dimension | 140×75×30 mm | 170×95×30 mm | 280×180×45 mm | 280×180×45 mm | 170×95×33 mm | 170×95×33 mm | 280×180×45 mm |
| Gross Weight | 0.55kg | 0.7kg | 2.4kg | 2.45kg | 0.8kg | 0.8kg | 2.45kg |
| Net Weight | 0.3kg | 0.45kg | 1.8kg | 1.85kg | 0.5kg | 0.5kg | 1.8kg |
| Package Content | 1× Power cord<br>1× Quick Installation Guide<br>1× Switch | 1× Switch<br>1× Power cord<br>1×Rackmount Kit<br>1× Quick Installation Guide | 1× Switch<br>1× Power cord<br>1×Rackmount Kit<br>1× Quick Installation Guide | 1× Switch<br>1× Power cord<br>1×Rackmount Kit<br>1× Quick Installation Guide | 1× Switch<br>1× Power cord<br>1× Quick Installation Guide | 1× Switch<br>1× Power cord<br>1× Quick Installation Guide | 1× Switch<br>1× Power cord<br>1×Rackmount Kit<br>1× Quick Installation Guide |

| SOFTWARE FEATURES | |
|---|---|
| Transmission Method | Store-And-Forward |
| Advanced Functions | Watchdog Function<br>Mac Address Auto-Learning<br>Auto-Aging Store and forward<br>IEEE 802.3x flow control for Full-duplex Mode<br>Backpressure for Half-duplex Mode |

| OTHERS | |
|---|---|
| Certification | CE, FCC, RoHS |
| Environment | Operating Temperature: -10 –55 (14 –131 )<br>Storage Temperature: -40 –70 (-40 –158 )<br>Operating Humidity: 10–90% RH non-condensing<br>Storage Humidity: 5–90% RH non-condensing |

CE FC RoHS

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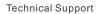Website:www.wireless-tek.com

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