



**WI-PS205**  
**6-Port 48V 100Mbps Long**  
**Range PoE Switch**  
**with 4-Port PoE Datasheet**



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

## Highlights

- 6 100Mbps Ports with 4 PoE
- Supports PoE power up to 30W for each port
- Supports PoE IEEE 802.3af/at compliant PDs
- Internal power adapter supply 65W
- Support 250meters Long range PoE transmit
- Support Port VLAN(Port isolation)



## Typical Applications



Gear	Function	Explain
Default	Standard	All ports free communication, suitable for common data transmission environment
VLAN	Port isolation	The 4 POE ports are isolated from each other, which is suitable for the use of the wireless AP, which can effectively restrain the network storm and improve the performance of the wireless network.
Extend	250 meters supply	Ultra far 250 meters POE transmission, can solve the monitoring project and wireless coverage project power supply distance problem

## Description

**what this product does**

WI-PS205 is a 6-port 10/100Mbps unmanaged switch that requires no configuration and provides 4 PoE Ports. The 6-Port 10/100Mbps desktop switch provides an easy way to expand your wired network. All 6 ports support auto-MDI/MDIX, eliminating the need to worry about the type of cable to use. Featuring full duplex mode, the WI-PS205 can process data at a rate of up to 200Mbps making it an ideal choice for expanding your high performance wired network. Moreover, WI-PS205 Support 250meters Long range PoE Transmit via Cat5/Cat6 cable. with innovative energy-efficient technology, the WI-PS205 can save up to 68% of power consumption, making it an eco-friendly solution for your home or office network.

## **High Performance**

WI-PS205 Fast Ethernet Switch provides 6 10/100Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. Featuring non-blocking switching architecture, WI-PS205 forwards and filters packets at full wire-speed for maximum throughput. With 10K Jumbo frame, the performance of large files transfers is improved significantly. And IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode alleviate the traffic congestion and make WI-PS205 work reliably.

## **Easy to Use**

The auto features of this Ethernet switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (10, 100 Mbps) and intelligently adjusts for compatibility and optimal performance.

## **Specifications**

## HARDWARE FEATURES

Interface	6 10/100Mbps RJ45 Ports
Network Media	10/100BASE-TX: UTP category 5 or better (maximum 250m)
Fan Quantity	Fanless
Power Consumption	65W (max. with PoE device connected)
External Power Supply	Internal Power Adapter(Output: DC52V / 1.25A)
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port1- Port4 Power Supply: 65W
Backbound Bandwidth	1.2Gbps
Mac Address Table	1K
Dimensions	136*66*32 mm(L*W*H)

## SOFTWARE FEATURES

Transmission Method	Store-And-Forward
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## SOFTWARE FEATURES

Advanced Functions	Priority Function Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex <b>Mode</b>
OTHERS	
Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card
Environment	Operating Temperature: -10°C~55°C