# WI-PS505V
# 6-Port 48V 100Mbps VoIP
# PoE Switch
# with 4-Port PoE Datasheet

## Highlights

- 6 100Mbps Ports with 4 PoE

- Supports PoE power up to 30W for each port

- Support 250meters Long-Range PoE transmit

- Supports PoE IEEE 802.3af/at compliant PDs

- Internal power adapter supply 30W

- Port VLAN function prevent voice data obstruct

- Qos for Voice smooth transmit VOIP data

- define 2 level ports group to keep VoIP ports high priority transmit.

## Description

### what this product does

WI-PS505V is a 6-port 10/100Mbps unmanaged switch design for SMB VoIP application 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-PS505V can process data at a rate of up to 200Mbps making it an ideal choice for expanding your high performance wired network. Its Port VLAN and fixed Qos for Voice can make smooth transmit VOIP data. Based on Port priority: define 2 level group ports to keep VoIP ports high priority transfer, Leve-1 Ports group is Ports1-2 and 2 uplink ports, Leve-2 Ports group is Ports3-4, so you can connect VoIP phone to Port 1-2 for keep fastest data transmit to uplink ports

## High Performance

WI-PS505V 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-PS505V 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-PS505V 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

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|---|---|
| **Interface** | 6 10/100Mbps RJ45 Ports |
| **Network Media** | 10/100BASE-TX: UTP category 5 or better (maximum 100m) |
| **Fan Quantity** | Fanless |
| **Power Consumption** | 30W (max. with PoE device connected) |

# HARDWARE FEATURES

| | |
|---|---|
| **External Power Supply** | Internal Power Adapter(Output: DC52V / 0.57A) |
| **PoE Ports (RJ45)** | Standard: 802.3 af/at compliant<br>PoE Ports: Port1- Port4<br>Power Supply: 30W |
| **Backbound Bandwidth** | 1.2Gbps |
| **Mac Address Table** | 2K |
| **Dimensions** | 136*66*32 mm(L*W*H) |

# SOFTWARE FEATURES

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|---|---|
| **QoS** | Based on Port priority<br>Priority gradually reduce from<br>Port 1 to port 4 |
| **VLAN** | Ports VLAN(Port isolation) |
| **Transmission Method** | Store-And-Forward |
| **Advanced Functions** | Priority Function<br>Mac Address Auto-Learning And Auto-Aging<br>Store and forward<br>IEEE 802.3x  flow control for Full-duplex Mode |

## SOFTWARE FEATURES

|  | Backpressure for Half-duplex Mode |
|---|---|

## OTHERS

| **Certification** | CE, FCC, RoHS |
|---|---|
| **Package Contents** | POE Switch<br>Electric Line<br>Guide Book/Warranty Card |
| **Environment** | Operating Temperature:<br> -10°C~55°C |