WI-Tek
Communication Solution

WI-PS510V
10-Port 48V 100Mbps
VoIP PoE Switch with 8-Port PoE
Data sheet

www.wireless-tek.com

Highlights

- 10 100Mbps Ports with 8 PoE ports

- Supports PoE power up to 30W for each port

- Supports PoE IEEE 802.3af/at compliant PDs

- Internal power adapter supply 65W

- Port VLAN function prevent voice data obstruct

- Qos for Voice with smoother VoIP data transmission

- Support 250meter Long-Range PoE Transmission

Product

Typical Applications

First Priority

Second Priority

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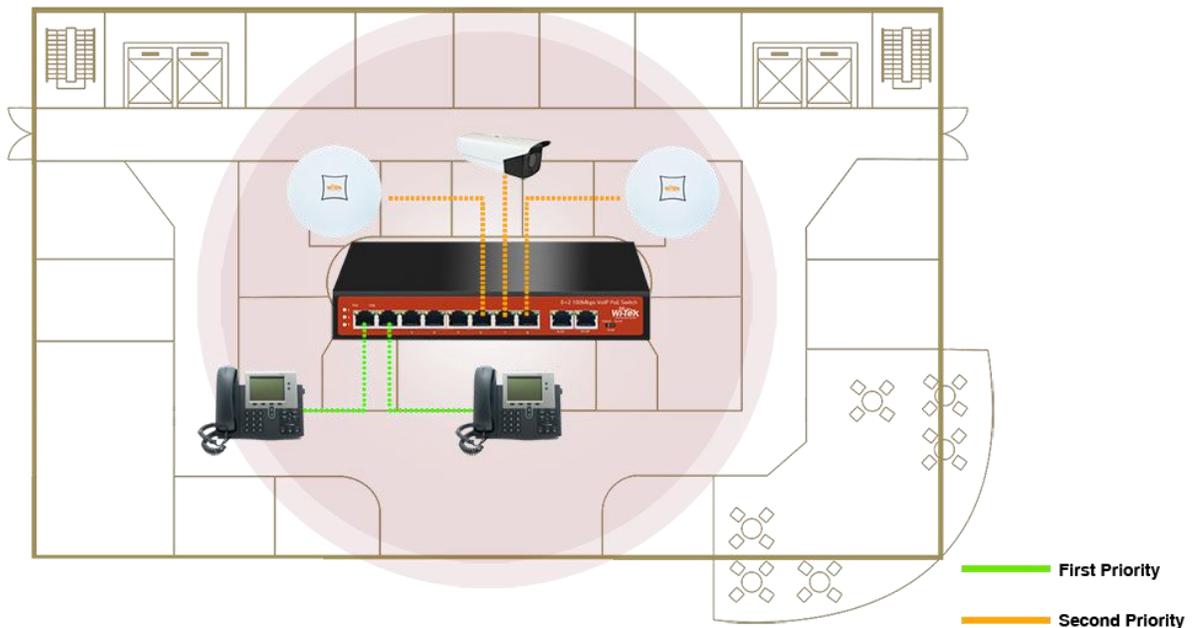
Support below brand VOIP PHONE

Yealink   **Fanvil**   **3CX**

Standard PoE Mode

VLAN
Default — Extend

PoE IP Camera

Power

← 100 meters (328 feet) →

Extend PoE Mode

VLAN
Default — Extend

PoE IP Camera

Power

← 250 meters (820 feet) →
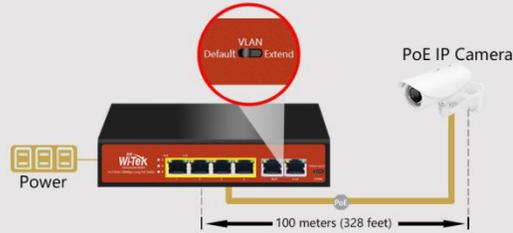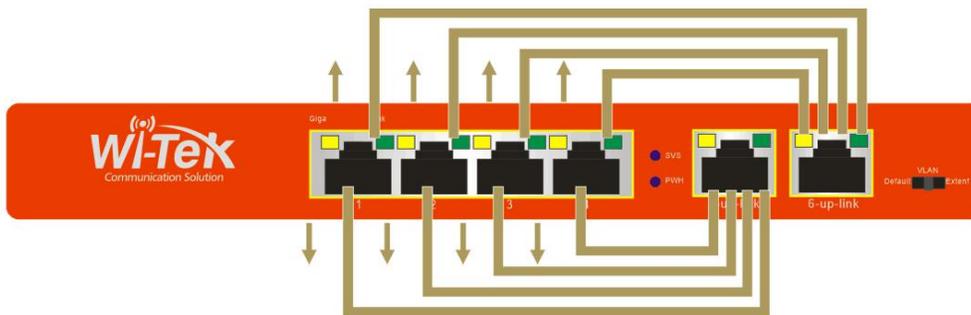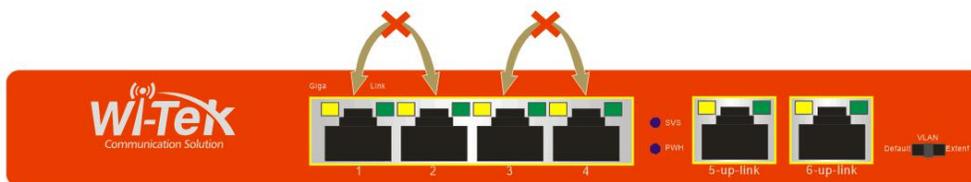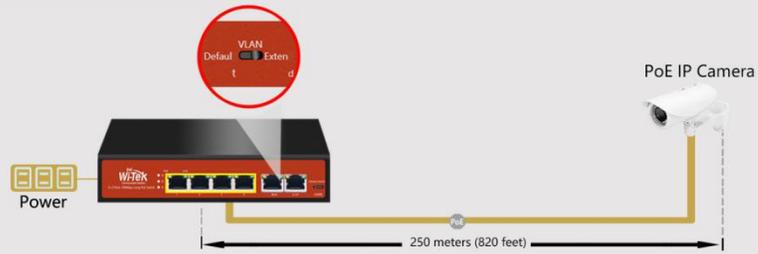
what this product does

WI-PS510V is a 10-port 10/100Mbps unmanaged switch design for SMB VoIP application that requires no configuration and provides 8 PoE ports.The switch provides an easy way to expand your wired network. All 10 ports support auto-MDI/MDIX, eliminating the need to worry about the type of cable to use. Featuring full duplex mode, the WI-PS510V 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 Ports1-4 and 2 uplink ports, Leve-2 Ports group is Ports5-8, so you can connect VoIP phone to Port 1-4 for keep fastest data transmit to uplink ports

High Performance

WI-PS510V Fast Ethernet Switch provides 9 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-PS510V forwards and filters packets at full wire-speed for maximum throughput. And IEEE 802.3x flow control for Full Duplex mode and back-pressure for Half Duplex mode alleviate the traffic congestion and make WI-PS510V 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.

Specification

HARDWARE FEATURES	
Interface	10 10/100Mbps RJ45 Ports
Network Media	10/100BASE-TX: UTP category 5 or better (maximum 100m)
Fan Quantity	Fanless
Power Budget	65W
Internal Power Supply	Internal Power Adapter(Output: DC52V 1.25A)
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port1- Port8
Backbound Bandwidth	2Gbps
Mac Address Table	4K
Packet Forwarding Rate	1.5Mpps
Buffer	768Kb

Jumbo Frame	10240B
Dimensions	210mm*150mm*35mm (L*W*H)

SOFTWARE FEATURES	
QoS	Based on Port priority
VLAN	Ports VLAN(Port isolation)
Transmission Method	Store-And-Forward
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 Mode

OTHERS	
Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line

	Guide Book/Warranty Card
Environment	Operating Temperature: -10°C~55°C

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