# WI-PS109-24V
# 9-Port 24V 100Mbps
# PoE Switch with 8-Port PoE
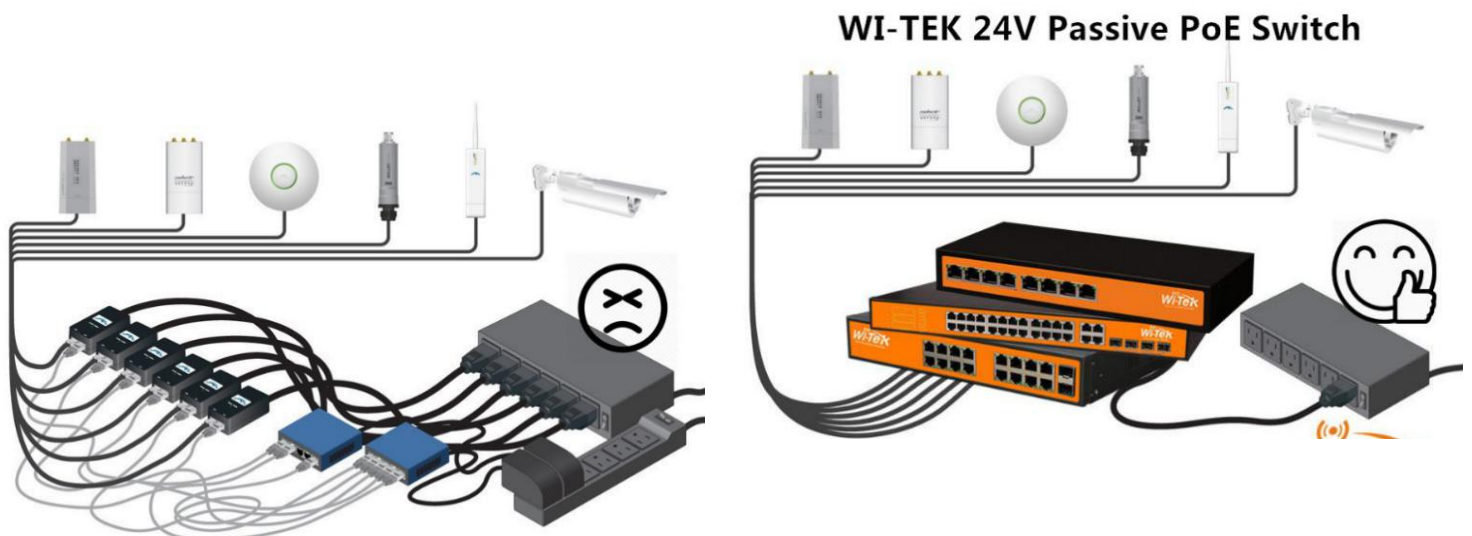# Datasheet

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## Highlights

- 8FE+2FE uplink 24V Passive PoE Switch with 8 Port PoE

- Supports PoE power up to 24W for each port

- Supports 24V Passive PoE compliant PDs

- Internal power adapter supply 120W

- LED indicators for LINK/ACT,Power, PoE Status, 100Mbps

- 2K entry MAC address table  with auto-learning and auto-aging

## Product



## Typical Applications



WI-TEK 24V Passive PoE Switch

## Description

### what this product does

WI-PS109-24V is a 10-port 10/100Mbps unmanaged switch 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-PS109-24V can process data at a rate of up to 200Mbps making it an ideal choice for expanding your high performance wired network. Moreover, with innovative energy-efficient technology, the WI-PS109-24V can save up to 68% of power consumption, making it an eco-friendly solution for your home or office network.

### High Performance

WI-PS109-24V Fast Ethernet Switch provides 10 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-PS109-24V forwards and filters packets at full wire-speed for maximum throughput. And IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode alleviate the traffic congestion and make WI-PS109-24V 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** | 10  10/100Mbps  RJ45  Ports |
| **Network Media** | 10/100BASE-TX: UTP category 5 or better (maximum 100m) |
| **Fan Quantity** | Fanless |
| **Power Budget** | 120W |
| **Internal Power Supply** | AC110V-240V 50/60Hz |
| **PoE Ports (RJ45)** | PoE PIN: 4,5+ 7,8-<br>PoE Ports: Port1- Port8<br>Power Supply: 120W |
| **Backbound Bandwidth** | 2Gbps |
| **Mac Address Table** | 4K |
| **Buffer** | 768Kb |
| **Jumbo Frame** | 10240Bytes |
| **Dimensions** | 210mm*150mm*35mm (L*W*H) |

## SOFTWARE FEATURES

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