



**WI-PS118G-24V**  
**16FE+2Gigabit Ports 24V**  
**PoE Switch**  
**with 16-Port PoE Datasheet**



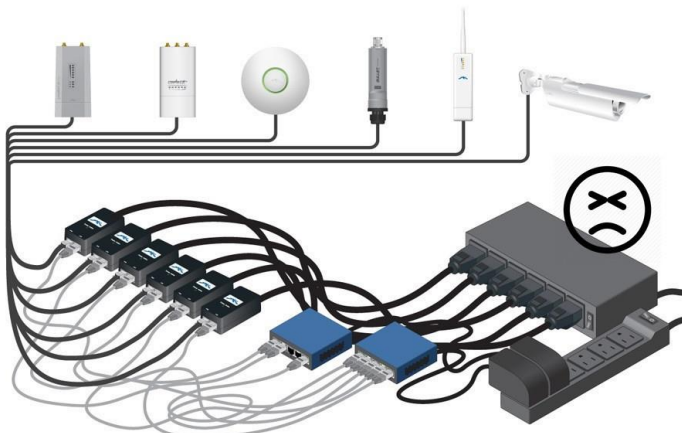
[www.wireless-tek.com](http://www.wireless-tek.com)

## Highlights

- 16FE+2GE Ports with 16 PoE
- Supports PoE power up to 24W for each port
- Supports 24V Passive PoE compliant PDs
- Support Port VLAN(Port isolation)
- Internal power adapter supply 250W
- LED indicators for LINK/ACT,Power, PoE Status, 100Mbps,1000Mbps
- 4K entry MAC address table with auto-learning and auto-aging



## Typical Applications



**WI-TEK 24V Passive PoE Switch**



## Description

### **what this product does**

WI-PS118G-24V is a 16-port 10/100Mbps+2 Gigabit Ports unmanaged switch that requires no configuration and provides 16 PoE ports. The switch provides an easy way to expand your wired network. All 16 ports support auto-MDI/MDIX, eliminating the need to worry about the type of cable to use. Featuring full duplex mode, the WI-PS118G-24V can process data at a rate of up to 200Mbps transfer and 2Gigabit Uplink making it an ideal choice for expanding your high performance wired network. Moreover, with innovative energy-efficient technology, the WI-PS118G-24V can save up to 50% of power consumption, making it an eco-friendly solution for your home or office network.

### **High Performance**

WI-PS118G-24V Fast Ethernet Switch provides 16 10/100Mbps Auto-Negotiation RJ45 ports+2Gigabit Ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. Featuring non-blocking switching architecture, WI-PS118G-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-PS118G-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, 1000Mbps) and intelligently adjusts for compatibility and optimal performance.

# Specifications

## HARDWARE FEATURES

<b>Interface</b>	16 10/100M RJ45 Ports 2 100/1000M RJ45 Ports
<b>Network Media</b>	10 Base-T: Pair 2 Category 3 and above UTP/STP(≤100 m) 100Base-TX: Pair 2 Category 5 and above UTP/STP(≤100m) 1000Base-TX: Pair 2 Category 6 and above UTP/STP(≤100m)
<b>Fan Quantity</b>	Fanless
<b>Power Consumption</b>	250W (max. with PoE device connected)
<b>PoE Ports (RJ45)</b>	POE PIN: 4,5+ 7,8- PoE Ports: Port1- Port16 Power Supply: 250W
<b>Exchange Capacity</b>	7.2G
<b>Mac Address Table</b>	4K
<b>Dimensions</b>	Product Size: 440 mm*290 mm*45mm (L*W*H)

## SOFTWARE FEATURES

<b>Transmission Method</b>	Store-And-Forward
<b>Advanced Functions</b>	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

<b>Certification</b>	CE, FCC, RoHS
<b>Package Contents</b>	POE Switch Electric Line Guide Book/Warranty Card 2L Shape Mount+4 Shim
<b>Environment</b>	Working Temperature: 0°C~40°C Storage temperature : -40°C~70°C Working Humidity : 10%~90% RH non-condensing Storage Hum idity: 5%~90% RH non-condensing