



WI-PS318GFH
16GE+2Combo SFP 48V 1000Mbps
economical PoE Switch with 16-Port
PoE Data sheet

Highlights

- 16 Gigabit PoE Ports and 2 Gigabit Combo SFP Uplink Ports
- Supports 250meters Long-Range PoE transmit
- Supports PoE IEEE 802.3af/at compliant PDs
- Support PoE Watchdog function for detect PD alive
- Internal power adapter supply 200W output power
- Support Port VLAN(Port isolation)
- Support 250meters Long range PoE transmit
- Support Rack-Mount installation
- LED indicators for LINK/ACT, Power, PoE Status, 100Mbps
- 8K entry MAC address table with auto-learning and auto-aging



Typical Applications



Description

what this product does

WI-PS318GFH is a 16GE+2Combo SFP unmanaged switch that requires no configuration and provides 16 PoE ports. The switch provides an easy way to expand your wired network. All 20 ports support auto-MDI/MDIX, eliminating the need to worry about the type of cable to use. Featuring full duplex mode, the WI-PS318GFH can process data at a rate of up to 2000Mbps making it an ideal choice for expanding your high performance wired network. Moreover, with innovative energy-efficient technology, the WI-PS318GFH can save up to 68% of power consumption, making it an eco-friendly solution for your home or office network.

High Performance

WI-PS318GFH Gigabit Ethernet Switch provides 18 100/1000Mbps Auto-Negotiation RJ45 ports and 2 SFP Fiber Port. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. Featuring non-blocking switching architecture, WI-PS318GFH 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-PS318GFH 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, 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

Specifications

HARDWARE FEATURES

Interface	10 100/1000Mbps RJ45 Ports
Network Media	10Base-T: Pair 2 Category 3(Cat3) and above UTP/STP(≤150m) 100Base -TX: Pair 2 Category 5(Cat5) and above UTP/STP(≤150m) 1000Base-T: Pair 4 Category 5(Cat5e) and above UTP/STP(≤150m) 1000Base-SX:62.5μm/50μm MMF(2m~550m) 1000Base-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
Fan Quantity	Fanless
Power Consumption	200W (max. with PoE device connected)
Power Supply	AC IN: 100-240V,50/60Hz
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port1- Port16
Backplane Bandwidth	36Gbps
Mac Address Table	8K

HARDWARE FEATURES

Packet Forwarding Rate	26.8Mpps
Buffer	4Mbit
Jumbo Frame	10240Bytes
Dimensions	280mm*180mm*44mm (L*W*H)
Protection Leve	Lightning protection 6KV 6KV ESD Contact discharge

SOFTWARE FEATURES

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 Port VLAN

OTHERS	
Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card
Environment	Working Temperature: -10°C~55°C Storage temperature : -40°C~70°C Working Humidity : 10%~90% RH non-condensing Storage Humidity: 5%~90% RH non-condensing



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