



Model

FS 1018PS1



16-Port 10/100M PoE+ Switch with
2 Gigabit Uplink Ports and 1 SFP Slot

Datasheet



Features

- 16* 10/100M PoE Ports + 2*Gigabit Ethernet Uplink Ports + 1* Gigabit SFP Uplink Port;
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af / at, store and forward;
- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w);
- Ethernet port supports 10/100M adaptive and POE functions;
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard;
- Support port auto flip (Auto MDI/MDIX);
- All ports support wire-speed switching;
- Automatically supplied to adaptive devices;
- Panel indicator monitoring status and help failure analysis;
- Support VLAN Mode and Extend 250 meters Mode;
- Support 1U Rack Mount.

Specifications

Model	FS1018PS1
Connector Type	16*10/100M PoE Ports + 2*Gigabit Ethernet Uplink Ports + 1*Gigabit SFP Uplink Port
Network Protocols	IEEE802.3 / IEEE802.3u / IEEE802.3x IEEE802.3ab / IEEE802.3z
PoE Parameters	PoE Standard: IEEE802.3af /IEEE802.3at Max each port: 15.4W (IEEE 802.3af) Max each port: 30W (IEEE 802.3at) PoE compatibility: IEEE 802.3af/at adaptive PoE port output: DC48-55V Power Pin : Power over spare pairs 1/2(+), 3/6 (-)
Network Media	10BASE-T: Cat 6 UTP(≤250 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000BASE-TX: Cat5 or more UTP (≤100 meter)
Optical	MultiMode Fiber: 850nm, 1310nm, Transmission Distance: 550m/2Km Single-Mode Fiber: 1310nm, 1550nm, Transmission Distance: 20/40/60/80/100/120km
Performance Specification	Bandwidth: 9.2Gbps MAC: 2K Packet Buffer Memory: 3Mbit Packet Forwarding Rate: 6.84Mpps



Specifications

Power Supply	1Power input: AC100-240V 50/60Hz, Output: 52V3.85A, PoE Budget: 180W	
Working Environment	Operating Temperature: -20°C ~ 50°C; Storage Temperature: -40°C ~ 85°C;	
	Operating Humidity: Max 90%, non-condensing Storage Humidity: Max 95%, non-condensing	
	Working Height: Max to 10,000 feet (3,000 meters) Storage Height: Max to 10,000 feet (3,000 meters)	
	Product Dimension (L*W*H): 320*207*45mm Package Dimension (L*W*H): 370*290*85mm N.W: 1.61KG G.W: 2.14KG	
Physical Parameter		
Package Contents	Ethernet Switch: 1 unit User Guide: 1 unit Warranty Card: 1 unit Power Cord: 1unit 1U Rack Mount: 1 pair	
	MTBF	100,000 hours

LED Indicators	PWR (Power indicator), Mode (Dial indicator), 1-19Green (Link&Data), POE Max(PoE Budget Status)
PWR	On: Equipment power on Off: Equipment power off
Mode	On: VLAN Flashing: Extend Off: Default
1-19Green	On: Link connectivity Flashing: Data transmission Off: Link abnormality
1-16Yellow (POE)	On: POE power supply is normal Off: POE not powered
POE Max (Green)	Off: Indicates that PoE power usage is less than 90% Flashing: Indicates PoE power usage of $90\% \leq P \leq 95\%$ On: Indicates PoE power usage of $95\% < P < 100\%$
POE LED button	Dual color light selection: default green (link data), switch yellow light (POE)
Dip switch	VLAN: 1-16 ports are isolated from each other, only transmit data with uplink ports. PoE watchdog is enabled. Default: All ports communicate freely with each other, with a transmission rate of 10M/100M adaptive. PoE watchdog is disabled. Extend: 1-16 ports max transmission distance extend to 250 meters, transmission rate drop to 10M. PoE watchdog is enabled.