

16-Port 100Mbps & 2-Port Gigabit PoE Switch

P16S182

Features

- 16*100Mbps PoE ports+2*1Gbps RJ45 ports+1*1Gbps SFP port
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, and IEEE802.3z standards
- Ethernet Ports support 10/100Mbps self-adaptive
- When the PoE ports is in Extend mode, ports 1-16 force 10Mbps to automatically activate the PoE watchdog mode
- Support PoE priority to be enabled by default, with a priority order of 1-16
- Flow control method: IEEE 802.3x standard is used for full duplex, and Back pressure standard is used for half duplex
- The panel indicator LED will monitor the working status and assist in fault analysis
- Plug and Play VLAN with three modes VLAN, Default and Extend
- Port 1 supports 60W, 802.3bt type 3



Specifications

Description	Specification
Model	P16S182
Interface	16*100Mbps PoE ports 2*1Gbps RJ45 ports 1*1Gbps SFP port
Port Standard	IEEE802.3 (Ethernet), IEEE802.3u (Fast Ethernet), IEEE802.3ab (Gigabit Ethernet), IEEE802.3x (Flow Control), IEEE 802.3z (Gigabit Ethernet Fiber Standard)
Switching Bandwidth	9.2Gbps
Packet Forwarding Rate	6.84Mpps
Packet Buffer	768Kbit
MAC Address Table	2K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W), Ports 2-16 PoE power output <30W Port 1 supports 60W
PoE Port Output Voltage	DC 44-57V
PoE Power Budget	290W
Power Supply	AC 100-240V 50/60Hz DC 52V 5.76A
Mainboard Power Consumption	5.3W
Installation	Desktop, Rack-Mounting
Surge Protection	Port Surge: Common mode 4KV, Differential mode 2KV Electrostatic ESD: Air 8KV, Contact 6KV (Class B)
Operating Temperature	32F-104F
Storage Temperature	-40F-150F
Operation Humidity	10%-90%, non condensing
Storage Humidity	5%-95%, non condensing
PWR Green LED	On: Powered on Off: Powered off
Mode Green LED	On: VLAN Flashing: Extend Off: Default
Ports 1-16 Green LED	On: 10/100Mbps Link normal Off: Link blocked Flashing: Data transmitting
Ports 17-19 Green LED	On: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting

Technical Specifications

Description	Specification
PoE Yellow LED	On: PoE powered on Off: PoE powered off
PoE Max Green LED	Off: Indicate that the PoE power usage is less than 90% Flashing(Once per second): Indicate that the PoE power usage of $90\% \leq P \leq 95\%$ On: Indicate that the PoE power is used at $95\% < P < 100\%$
PoE LED Buttons	Dual color LED selection: default green (link data), switch yellow LED (PoE)
VLAN/Default/Extend Modes Buttons	VLAN: VLAN mode, ports 1-16 are isolated from each other, communicating with ports 17-19, and automatically activate the PoE watchdog mode Normal: Normal mode, all ports can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100Mbps adaptive (PoE Watchdog off) Extend: Extend mode, when the PoE port is in Extend mode, ports 1-16 force 10Mbps to extend the transmission distance to 250meters, and automatically activate the PoE watchdog mode



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