

PE16-180

Network Management Fiber PoE Switch



- 16 10/100BaseT RJ45 ports
- 2 sets of 10/100/1000M gigabyte combo ports
- The total power budget is 250W, and the max. PoE power output is 30W
- Support IP-MAC-Port-VID binding ARP/IP/DoS defend, 802.1X authentication
- Support IEEE802.1Q VLAN, OoS, ACL, spanning-tree, and multicast
- Support port security, port monitoring, port isolation
- Support web management, SNMP

System Overview

PE16-180 is an advanced PoE switch providing a network point for data transmission and power supply. It has 16 PoE ports that can provide standard IEEE802.3af/at power supply through network cables.

Because of the advanced self-sensing algorithm for supplying power over IEEE802.3af/at, the connected PoE or non-PoE standard equipment is safely protected.

Specifications

Basic Parameters

Model Number	PE16-180
Ethernet Port 1-16	10/100Mbps PoE port All ports support MDI/MDIX self-adaptation
Ethernet Port 17-18	10/100/1000Mbps combo port @100 meters
POE Standard	IEEE 802.3af, IEEE802.3at
Network Protocol	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE802.3ab
PoE Power Consumption	Port1-16 ≤30W, Total≤250W
Bandwidth	64Gbps (non-blocking)
Forwarding Rate	5.36Mpps

Buffer Memory	4MB
MAC Size	16KB
MTBF	100,000hours
Power Input	AC 220V,50/60Hz
PoE Power Supply	1,2(+)/3,6(-) (Default) ; 45(+),78(-) (Option)
Safety	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Working Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Working Humidity	10% ~ 90%, non-condensing
Dimension (L*W*H)	440 * 290 * 44.5 (mm)

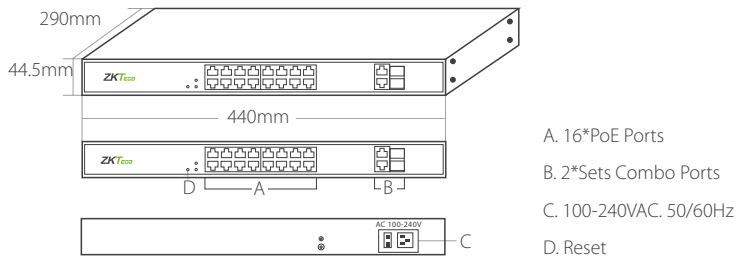
Network Protocol

Spanning Tree Protocol (STP)	Standard Spanning Tree 802.1d Rapid Spanning Tree (RSTP) 802.1w MSTP (Multi-Service Transfer Platform)	Multicast	IGMP v1/v2 snooping supports 1024 multicast groups (source-specific multicasting is not supported)
Port Aggregation	Link Aggregation Control Protocol (LACP) IEEE 802.3ad	Security	SSH / SSL/HTTPS / DHCP Snooping / IP Source Guard / Port Security / ARP Inspection / Storm Control / ACLs
Mirroring	Many-to-one port mirroring	Link Layer Discovery Protocol (LLDP)	Support
DHCP	Support DHCP client/server Support DHCP snooping	Green and Energy-saving Ethernet (EEE)	Support
VLAN	802.1Q tag-based VLAN Port-based VLAN 4K VLANs simultaneously (out of 4096 VLAN IDs)	Quality of Service(QoS)	Hardware Priority Queue / Scheduling / Classification / Rate Limiting
		System Management	Web / Port mirroring / Firmware upgrade

Ordering Information

Product Type	Part Number	Description
PoE Switch	PE16-180	18-Port, IEEE802.3af/at, Total power 250W. Long distance 100 meters. Built-in power supply.

Dimensions (mm)



Application

