Product Overview

PM3028FSNR V1 PoE Switch is 24-port 10/100Mbps PoE + 2G Combo Ethernet Switch. Among them port1-8 PoE ports support long-distance transmission of 800 meters(optional)(with long-range Equipment), The PoE ports can automatically detect and supply power to IEEE802.3af/at compliant Powered Devices (PD). The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc.

The PoE Switch provides a simple, cost- effective, and non-blocking wire-speed performance with 19-inch metal shape for rack deployment in office or department network application.

Features

- 24*10/100Mbps PoE RJ45 Ports:
- 2*10/100/1000Mbps Combo Ports:
- Complies with IEEE802.3af/at Power over Ethernet:
- Supports PoE Power up to 32W for each PoE port:
- Auto detect power device:
- Delivers full POE Plus power at 300-500m(By module);
- Unrestricted 10Mbps with POE at over 800m;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation:
- Supports port power supply prioritization, guarantee the continuous power supply of key nodes;
- Support VLAN function:
- 16K MAC address, automatic address learning and address aging:
- Support Energy-Efficient Ethernet (EEE) function EEE802.3az:
- Support PD Alive function(the switch port is disconnected will automatically connected);

Specification

Model	PM3028FSNR V1
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af, IEEE802.3at
Interface	24*10/100Mbps RJ45 port 2*10/100/1000Mbps TP/SFP Combo port
Network Media	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5,5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable (≤100m) 1000BASE-X: SMF,MMF
LED	PWR, PoE ,LINK/ACT, Speed
Key Function	VLAN
MAC Address Table	16K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Maximum packet length	16K
Switching Capacity	8.8G
Packet forwarding rate	6.5Mpps
Packet buffer	4M bit
Dimensions (L*W*H)	440*207*44mm
Fan Qty	2
Power Input	AC: 100~240V, 50/60Hz 5A(Max)
PoE port	Port1~24(port1-8 can choose 4 or 8 port to support 800 meters of long-distance transmission) Used with long-range Equipment
PoE Power on RJ45	Mode A 1/2(+),3/6(-)
PoE Power Output	Voltage: 55V DC Power: 32W(Max)
Power supply	270W	390W(optional)
PoE Power Budget	250W	370W(optional)
Operating Temperature	0°C ~ 40 °C (32 °F ~104°F)
Storage Temperature	-40 °C ~ 70 °C (-40 °F ~158°F)
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Surge Protection	Different mode±2KV common mode±6KV
MTBF	>50000 hours
Electrostatic standard	Contact 6KV,air 8KV
green energy saving	Support IEEE 802.3az

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Ordering information

Model	product information
PM3028FSNR V1	24*10/100Mbps+2G Combo Long-Range PoE Switch(Used with long-range Equipment)