



Product Overview

The PoE Switch is 16-port 10/100/1000Mbps PoE switch with 2 SFP Slots and 2GE. 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 11-inch metal shape for rack deployment in office or department network application. The PoE Switch has Support PD Alive function(the switch port is disconnected will automatically connected).

Product Features

- Complies with IEEE802.3af/at Standard;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device;
- Support VLAN and CCTV function;
- Support port power supply prioritization, guarantee the continuous power supply of key nodes;
- Support PD Alive function(the switch port is disconnected will automatically connected);
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Power supply, PoE module and switch PCBA Three in one;

Product Specifications

Mode name	PM3020GSN V1
Port	16x10/100/1000Mbps RJ45 Port 2x1000Mbps SFP slots 2x10/100/1000Mbps RJ45 Port
PoE Standard	IEEE802.3af/at
PoE Port	Port 1~16
PSE Power on RJ-45	Mode A 1/2(+),3/6(-) Mode B 4/5(+),7/8(-)
PoE Power Output	Per port Max.32W
PoE Power Budget	185W
Power supply	200W
Key Function	VLAN & CCTV
Forwarding Mode	Storage-and-Forward
Switching Capacity	40Gbps
MAC address table	8K, Auto-learning, Auto-aging
Jumbo frames	9216Byte
Forwarding Rate	29.76Mpps
Packet buffer	4.1M bit
Input Power Supply	AC 100-240V 50/60Hz
Operation Temperature	0℃~40℃
Storage Temperature	-40℃~70℃
Operation Humidity	10%~90% RH non-condensing
Storage Humidity	5%~90% RH non-condensing
Fan Quantity	1*Fan
Dimensions(L*W*H)	280*180*44mm
Weight	<4.2Kg
LED Indicator	PWR, LNK/ACT, PoE,PoE max
Network Media	10BASE-T: UTP category 3, 5 cable (≤100m) 100BASE-TX: UTP category 5,5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable(≤100m) 1000BASE-X: MMF, SMF
Surge Protection	Different mode±4KV common mode±6KV
MTBF	>50000 hours
Electrostatic standard	Contact 6KV, air 8KV
Green energy saving	Support IEEE802.3az

Ordering information

Model	product information
PM3020GSN V1	16-Port Gigabit+ 2GE+ 2G SFP PoE Switch(16-Port PoE, Support 802.3af/at Standard)