

## Product Overview



The PM3005GSN-PD V3 is 5-Port 10/100/1000Mbps auto-negotiation RJ45 Port. Among them, port1~4 is PSE port, support 32W output. Port5 is PD port, support 72W-95W input. PM3005GSN-PD V3 Power supply support external power supply and PoE.

It is easy to manage and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

## Features

- 5 \*10/100/1000Mbps RJ45 Ports;
- 4 PSE Ports (Port1~4);
- PD Port (Port5 support IEEE802.3bt);
- Complies with IEEE802.3af/at/bt Power over Ethernet;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device;
- Remote power and Data feeding up to 100m;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- 2K MAC address, automatic address learning and address aging;

## Specification

### Hardware information

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3af, IEEE802.3at, IEEE802.3bt
Network Media(Cable)	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)
LED	Power 、 PoE 、 LNK/ACT
Jumbo frame	9K Byte
Packet Buffer	1M
MAC Address Table	2K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Switching Capacity	10G
Dimensions (L*W*H)	168*93*32mm
Fan	Fanless
Power Supply	55VDC or PoE
PSE port	Port1~4
PSE Power on RJ-45	Mode A 3/6 (+), 1/2 (-)
PoE Power Output	Per port 55V DC Max.32W
PoE Power Budget	65W Max
PD port	Port 5
PD Power on RJ45	Support IEEE802.3af/at/bt
PD port input	72W-95W (Max)
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	Differential mode ±4KV, Common mode ±6KV
MTBF	>50000 hour
Electrostatic standard	Contact 4KV, air 6KV

### PoE Features

The PM3005GSN-PD V3 can provide up to 32 Watts of power to attached devices, such as VoIP phones, wireless access points, surveillance cameras etc, all over existing cat. 5cables. The switch eliminates the need for individual power sources for devices in the network, saving on costs for power cables and avoiding power outlet availability issues.

### Ordering information

Model	product information
PM3005GSN-PD V3	4-Port Gigabit+1GE(PD)High PoE Switch