

## Product Overview



PM3006GSN V3 is 6-port 10/100/1000Mbps switch with 4 port PoE(Port1~4). 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.

In the Extend operation mode, the switch operates on a per-port basis at 10Mbps duplex operation but can support 32W PoE power output over a distance of up to 200 meters overcoming the 100m limit on Ethernet UTP cable. With this brand-new feature, the switch provides an additional solution for 802.3at/af PoE distance extension, thus saving the cost of Ethernet cable installation. Support QoS, when the network overload or congestion, the first four ports according to 1: 2: 4: 8 weight configuration to ensure that important business is not delayed or discarded, to ensure the efficient operation of the network. And the switch supports VLAN function which can improve the network environment and reduces network maintenance costs. It is easy to manage and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

## Features

- Complies with IEEE802.3af/at Standard;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device; will not burned non-standard PoE device or normal PoE switch;
- Supports IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Line-speed forwarding, intelligent identification;
- Supports storage – and- forward for Data exchange;
- Internal power supply with small case;
- Support VLAN function;
- QoS control, Port1-4 port according to 1: 2: 4: 8 configuration;
- Iron shell, no fan;
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Supports port power supply prioritization, guarantee the continuous power supply of key nodes;
- Extend mode, Single port speed reduction and ensure transmission quality, supporting 200m transmission;

## Product Specifications

<b>Model</b>	PM3006GSN V3
<b>Standard</b>	IEEE802.3、 IEEE802.3u、 IEEE802.3x、 IEEE802.3ab、 IEEE802.3az、
<b>PoE standard</b>	IEEE802.3af/at
<b>Interface</b>	6*10/100/1000Mbps RJ45 port
<b>Key function</b>	VLAN&Extend(Port1-4)
<b>PoE port</b>	1-4
<b>PoE Total</b>	35W/65W
<b>Power supply</b>	40W/72W
<b>RJ45 PoE power supply</b>	Mode A Anode1/2 Cathode3/6
<b>PoE output-port</b>	Max 32W
<b>Indicator</b>	PWR、 LNK/ACT、 PoE
<b>Network media</b>	10BASE-T: UTP category 3, 4, 5 cable(≤100m) 100BASE-TX: UTP category 5, 5e cable(≤100m) 1000BASE-T: UTP category 5, 5e cable(≤100m)
<b>MAC Address Table</b>	4K, Automatic study, automatic updates
<b>jumbo frame</b>	9216 Bytes
<b>Packet buffer</b>	1.5M bit
<b>Transfer Mode</b>	store-and-forward
<b>Packet forwarding rate</b>	8.9Mpps
<b>Bandwidth</b>	12Gbps
<b>Fan</b>	Fanless
<b>Device Dimension</b>	168*93*32mm
<b>Machine weight</b>	<1kg
<b>Input Voltage</b>	DC: 52V/0.8A 54.5V/1.32A
<b>Operating Temperature</b>	0°C ~ 40 °C
<b>Storage Temperature</b>	-40 °C ~ 70 °C
<b>Operating Humidity</b>	10% ~ 90% non-condensing
<b>Storage Humidity</b>	5% ~ 90% non-condensing
<b>Surge Protection</b>	Differential mode±4KV, Common mode ±6KV
<b>MTBF</b>	>50000 hours
<b>Electrostatic standard</b>	Contact 4KV, air 6KV

**VLAN mode**

When toggle to VLAN, 1-4 port can be isolated each other, but 1-4 port can connect to 5-6 port after open VLAN to stop broadcast storm to increase forwarding rate of frame.

**Ordering information**

<b>Model</b>	<b>product information</b>
<b>PM3006GSN V3</b>	4*10/100/1000Mbps+2GE PoE Switch