



### Product Overview

PM3020GSN V1 is a full Gigabit Unmanaged PoE Switch with 16\*10/100/1000Mbps adaptive RJ45 ports, 2\*1000Mbps SFP fiber module slots and 2\*1000Mbps RJ45 ports developed by UNIPOE. Each RJ45 port supports MDI/MDIX auto-flip and wire-speed forwarding functions. The ports 1~16 have PoE power supply function and support IEEE802.3af/at standard, which can be used as Power over Ethernet device and can automatically detect and identify the powered devices that meet the standard and supply power to them through the network cable.



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 30W 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;
- 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

|                               |  |                     |
|-------------------------------|--|---------------------|
| <b>Mode name</b>              | PM3020GSN V1   |                     |
| <b>Port</b>                   | 16*10/100/1000Mbps RJ45 Ports<br>2*1000Mbps SFP slots<br>2*10/100/1000Mbps RJ45 Ports  |                     |
| <b>PoE Standard</b>           | IEEE802.3af/at   |                     |
| <b>PoE Port</b>               | Port 1~16  |                     |
| <b>PSE Power on RJ-45</b>     | Mode A 1/2(+),3/6(-) Mode B 4/5(+),7/8(-)  |                     |
| <b>PoE Power Output</b>       | Per port Max.30W   |                     |
| <b>PoE Power Budget</b>       | 185W   | 225W(Optional)      |
| <b>Power supply</b>           | 200W   | 240W(Optional)      |
| <b>Input Power Supply</b>     | AC 100-240V 50/60Hz  | AC 200-240V 50/60Hz |
| <b>Key Function</b>           | VLAN & CCTV  |                     |
| <b>Forwarding Mode</b>        | Storage-and-Forward  |                     |
| <b>Switching Capacity</b>     | 40Gbps   |                     |
| <b>MAC address table</b>      | 8K, Auto-learning, Auto-aging  |                     |
| <b>Jumbo frames</b>           | 9216Byte   |                     |
| <b>Forwarding Rate</b>        | 29.76Mpps  |                     |
| <b>Packet buffer</b>          | 4.1M bit   |                     |
| <b>Operation Temperature</b>  | 0°C~40°C   |                     |
| <b>Storage Temperature</b>    | -40°C~70°C   |                     |
| <b>Operation Humidity</b>     | 10%~90% RH non-condensing  |                     |
| <b>Storage Humidity</b>       | 5%~90% RH non-condensing   |                     |
| <b>Fan Quantity</b>           | 1*Fan  |                     |
| <b>Dimensions(L*W*H)</b>      | 280*180*44mm   |                     |
| <b>Weight</b>                 | <4.2Kg   |                     |
| <b>LED Indicator</b>          | PWR, LNK/ACT, PoE,PoE max  |                     |
| <b>Network Media</b>          | 10BASE-T: UTP category 3, 5 cable (≤100m)<br>100BASE-TX: UTP category 5,5e cable (≤100m)<br>1000BASE-T: UTP category 5e,6 cable(≤100m)<br>1000BASE-X: MMF, SMF |                     |
| <b>Surge Protection</b>       | Different mode±2KV Common mode±4KV   |                     |
| <b>MTBF</b>                   | >50000 hours   |                     |
| <b>Electrostatic standard</b> | Contact ±6KV,Air ±8KV  |                     |
| <b>Green energy saving</b>    | 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 ) |