

## Product Overview

PM3022GSN is designed by UNIPOE company Ethernet switch which has the function of PoE. The PoE Switch provides intelligent PoE functions along with 16\*10/100/1000Mbps RJ45 port and 4\*100/100Mbps and 2\*1000Mbps SFP SFP optical fiber Slot which support high-speed transmission of surveillance images and videos. 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.

LED indicator can accurate judgment port of load, can also help customer and engineer timely discover and solve the network failure, improve work efficiency and quality.

## Product Features

- Complies with IEEE802.3af/at Power over Ethernet;
- Supports PoE Power up to 32W for each PoE port;
- Supports IEEE802.3 az high efficiency and energy saving function;
- Supports Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Perfect security mechanism;
- Supports IEEE802.3 x full duplex flow control and Back pressure half duplex flow control;
- Supports VLAN function and CCTV model;
- 8K MAC address, automatic address learning and address aging;
- Operation Temperature: 0° C ~ 40° C;



## Product Specifications

|                               |  |
|-------------------------------|--|
| <b>Model</b>                  | PM3022GSN  |
| <b>Standard</b>               | IEEE 802.3、IEEE 802.3u、IEEE 802.3ab 、IEEE 802.3z、IEEE 802.3x、IEEE 802.3af/at、  |
| <b>Interface</b>              | 16*10/100/1000Mbps RJ45 port<br>4*10/100/1000Mbps RJ45 port<br>2*1000Mbps SFP slot   |
| <b>VLAN</b>                   | A key switch   |
| <b>PoE Port</b>               | 1~16 port  |
| <b>PoE Budget Total</b>       | 300W   |
| <b>RJ45 PoE Power Supply</b>  | Mode A/C Anode1/2 Cathode3/6   |
| <b>PoE Output-Port</b>        | Max 32W  |
| <b>Indicator</b>              | PWR(Green)、 LNK/ACT(10/100M:Orange 1000M:Green)、 PoE(Orange)   |
| <b>Network Media</b>          | 10BASE-T: UTP category 3, 4, 5 cable(≤100m)<br>100BASE-TX: UTP category 5, 5e cable(≤100m)<br>1000BASE-T: UTP category 5e, 5 cable(≤100m)<br>100BASE-FX:MMF, SMF<br>1000BASE-X: MMF, SMF |
| <b>MAC Address Table</b>      | 8K, Automatic study, automatic updates   |
| <b>Jumbo Frame</b>            | 9216 Bytes   |
| <b>Packet Buffer</b>          | 4.1M bit   |
| <b>Transfer Mode</b>          | store-and-forward  |
| <b>Packet Forwarding Rate</b> | 32.74Mpps  |
| <b>Bandwidth</b>              | 44Gbps   |
| <b>Fan</b>                    | Fan  |
| <b>Device Dimension</b>       | 440.5*230*44.5mm   |
| <b>Machine Weight</b>         | <5kg   |
| <b>Green Energy Saving</b>    | IEEE 802.3az   |
| <b>Mains Input</b>            | 100~240V AC, 50/60Hz   |
| <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>       | ±4KV   |
| <b>MTBF</b>                   | >50000 hours   |
| <b>Electrostatic Standard</b> | Contact 4KV, air 6KV   |

## Default mode

DIP switch located on the left panel, the default is closed, all ports can communicate with each other.

## VLAN mode

When DIP switch to VLAN, 1-16 port can be isolated each other, but 1-16 port can connect to 17~22 port after open VLAN to stop broadcast storm to increase forwarding rate of frame.

## CCTV mode, Power supply up to 250m

The CCTV mode, Up to 250m PoE distance allows you to expand you network via Ethernet cable to where there is no power line or outlet but where you want to fix device such as IP Cameras.

## Ordering information

|                            |  |
|----------------------------|--|
| <b>Model</b>               | PM3022GSN  |
| <b>Product Information</b> | 16-Port Gigabit+4GE+2G SFP PoE switch (16-Port PoE, Support 802.3af/at Standard) |