

## Product Overview



The PM122GM V1 is Gigabit Uplink managed switch it have 16\*10/100/1000MbpsRJ45 port and 2G Combo With 2\*1000 Mbps SFP Slots , Using store-and-forward technology, combined with dynamic memory allocation, to ensure the effective bandwidth allocated to each port, support static routing capabilities, to provide

complete security policy, improve the QoS strategy, easy to maintenance management, satisfy the business enterprise, village, hotel, office network and campus network of the network and access requirements.

## Product Features

- Support RJ45 Auto-MDI/MDIX;
- Auto detect power device;
- The power supply supports AC and DC output;
- Panel lights to monitor working state and help fault analysis;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az) ;
- Supports a complete lineup of L2 features, including 802.1Q tag VLAN, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol and 802.3x Flow Control function;
- Web, CLI (Console Port, Telnet, SSH), SNMP and RMON bring abundant management policies;
- Double AC redundancy power input;

## Product Specifications

### Hardware Specificatio

<b>Model</b>	PM122GM V1
<b>Standard</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE 802.1q , IEEE 802.1p, IEEE 802.1d , IEEE 802.1w, IEEE 802.3ad
<b>Interface</b>	16*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2*Gigabit Combo 2*Gigabit SFP Slots 1 Console Port
<b>Indicator</b>	PWR, LNK/ACT, SYS
<b>Network media</b>	10BASE-T: UTP category 3, 4, 5 cable(≤100m) 100BASE-TX: UTP category 5, 5e cable(≤100m) 1000BASE-TX: UTP category 5e, 5 cable(≤100m) 1000BASE-X: MMF, SMF
<b>MAC Address Table</b>	8K, Auto-learning, Auto-aging
<b>Transfer Mode</b>	Store-and-forward
<b>Packet Forward Speed</b>	29.76Mpps
<b>Packet buffer</b>	4.1M bit
<b>Switching Capacity</b>	40Gbps
<b>Dimensions(L*W*H)</b>	440*207*44mm
<b>Fan Quantity</b>	Fanless
<b>Green energy saving</b>	IEEE 802.3az
<b>Input Power Supply</b>	100~240V AC, 50/60Hz
<b>Operating Temperature</b>	0°C ~ 40 °C
<b>Storage Temperature</b>	-40 °C ~ 70 °C
<b>Surge Protection</b>	Different mode ±4KV, common mode ±6KV
<b>Operating Humidity</b>	10% ~ 90% non-condensing
<b>Storage Humidity</b>	5% ~ 90% non-condensing
<b>MTBF</b>	>50000 hours
<b>Electrostatic standard</b>	Contact 6KV, air 8KV

## Software Specification

<b>L2 Switch Features</b>	Link Aggregation	GE Port Aggregaiton
		Static Aggregation
		Dynamic Aggragation
	Port Features	IEEE 802.3x flow control
		Interface counters
		Storm control
	mac-address table management	Static mac-address management
		Dynamic mac-address management
		Filtering mac-address
	VLAN	Port-based VLAN
Mirror	Port Mirroring	
IEEE802.1w RSTP	STP	
	RSTP	
	MSTP	
G.8032	Major ring	
	Sub ring	
<b>Multicast Features</b>	IGMP snooping	IGMP V1, V2, V3
		IGMP snooping
<b>ACL and QoS</b>	ACL	IP Standard ACL
		MAC extend ACL
		IP extend ACL
	QoS	QoS Class, Remarking
		Support SP, WRR queue scheduling
		Ingress Port-based Rate-limit
	Egress Port-based Rate-limit	
<b>Management Features</b>	SNMP	Supporting version(SNMPV2C)
	Web management	Web management
		Support HTTP V1.1
	Firmware Upgrade	Firmware Upgrade
Syslog/Debug	Syslog/Debug	
<b>Application Protocol Features</b>	DHCP Snooping	Dhcp snooping trust port
	Telnet	Telnet Server
	TFTP	TFTP Client
<b>Security Features</b>	User management	support password protection

## Ordering information

Model	product information
<b>PM122GM V1</b>	16-Port Gigabit+2G Combo+2G SFP Managed Switch