

Product Overview



PM232GM V1 is all-gigabit managed Switch with 24 all-gigabit SFP fiber module slots and 4 gigabit combo ports. Provides high performance, enterprise-class QoS, advanced security policies and rich network managed features. Use advanced features, this switch is powerful and flexible enough to deploy wireless access points or IP-based network surveillance cameras for users. It is an

ideal choice for WIFI coverage, office, Internet bar, computer room and so on.

Product Features

- 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;
- Support Web management, simpler and more efficient, easy to install and debug engineering and maintenance personnel;

Product Specifications

Hardware Specification

Model	PM232GM V1
Standard	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
Interface	24*1000Mbps SFP Slots 4G*Combo 1*Console Port
Indicator	PWR, LNK/ACT, SYS
Network media	10BASE-T: UTP category 3, 4, 5 cable(≤100m) 100BASE-TX: UTP category 5, 5e cable(≤100m) 1000BASE-T: UTP category 5e, 5 cable(≤100m) 1000BASE-X: MMF, SMF
MAC Address Table	16K, Auto-learning, Auto-aging
Jumbo Frame	12KBytes
Transfer Mode	Store-and-forward
Packet Forward Speed	41.66Mpps
Switching Capacity	56Gbps
Packet buffer	12Mbit
Dimensions(L*W*H)	441.5*207*44.4mm
Fan Quantity	1
Green energy saving	IEEE 802.3az
Surge Protection	Different mode±2KV common mode±4KV
Electrostatic standard	Contact±6KV, air±8KV
Input Power Supply	100-240V/AC 50Hz
Operating Temperature	0°C ~ +40 °C
Storage Temperature	-40 °C ~ +70 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
MTBF	>100000 hour

Software Function List

spanning Tree	IEEE 802.1D -Spanning Tree	
	IEEE 802.1w -Rapid Spanning Tree	
	IEEE 802.1s -Multiple Spanning Tree	
	BPDU Guard	
	STP Root Guard	
	Loop Detection	
VLAN	Management VLAN	
	Private VLAN	
	Voice VLAN	
	Surveillance-VLAN	
	Q-in-Q (Double Tag)	
	802.1v Protocol VLAN	
	MAC-Based VLAN	
Port	IEEE 802.3ad witch LACP(Dynamic)	
	Static Trunk	
	EEE	
	Jumbo Frame	
	Error-Disable	
IGMP Snooping	IGMP Snooping v1/v2/v3	
	MLD Snooping v1/v2	
	MVR	
QoS Features	Hardware Queues	
	Class of Service	Port Based
		802.1p
		CoS
		DSCP
		IP Precedence

		TCP/UDP (IPv4/IPv6)	
	Rate Limiting	Ingress	
		Egress	
	Priority Queue Scheduling	WRR	
		Strict Priority	
		DSCP & CS	
	IPv4 QoS (QCEs)		
	IPv6 QoS (QCEs)		
Security	Port Security		
	Port Isolation		
	IEEE802.1x AAA		
	ACLs	L2+/L3/L4	
		IPv6 Support	
		Management Access List	
	Management ACL/Management ACE		
	IP Source Guard (IP-MAC-Port-VALN Binding)		
	IP Source Guard (IP-MAC-Port Binding)		
	Dynamic ARP Inspection		
	Storm Control		
	RADIUS/TACACS+		
	RADIUS Authentication (RFC2138)		
	DDoS Prevention		
	HTTPs and SSL (Secured Web)		
	SSH v1.5/v2.0 (Secured Telnet Session)		
	DHCP Snooping		
DHCP Relay			
Management	SNMP (v1, v2c, v3)		

	RMON (1, 2, 3 & 9 groups)	
	Software Upgrade	
	Configuration Export/Import	
	DHCP	Client
		Option 82
		Option 66
		Option 67
	Event/Error Log	Syslog
	Management Access Filtering	Console
		SNMP
		HTTP/HTTPS
		Telnet
	Port Mirroring	
	LLDP (IEEE802.1AB)	
	LLDP-MED	
	UDLD	
	DNS Client	
	Traceroute	
	Ping	
	Cable Test	
	DDMI	
	NTP/ SNTP (RFC2030)	
IPv6 Support	Dual IPv6/IPv4 stack	
	IPv6 Web/SSL	
	IPv6 SNTP (Simple Network Time Protocol)	
	IPv6 Telnet / SSH	
	IPv6 Ping/Trace route	
	IPv6 TFTP	

	IPv6 RADIUS/TACACS+
	IPv6 SNMP
ONVIF	ONVIF Detection
	ONVIF Server (NLM)

Ordering information

Model	product information
PM232GM V1	24-Port Gigabit SFP + 4G Combo Fiber Managed Switch