

Product Overview



The PM228GTM provides 24*1000Mbps SFP Slot and 4 *10G SFP+ Slots , powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras. The switch also comes equipped with 4*10G SFP+ slots, expanding your network flexibly. In addition, it provides high performance, enterprise-level QoS, advanced security strategies and rich layer 3 management features. With all these advanced features, the Switch is an ideal choice for WIFI coverage, Internet cafes, computer rooms, and so on.

Product Features

- Auto detect power device;
- The power supply supports AC or DC ,AC+DC (optional)input;
- 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 L3 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;

Product Specifications

Hardware Specification

Model	PM228GTM
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 4* 10G SFP+ Slots
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 10GBASE-X: MMF, SMF
MAC Address Table	16K, Auto-learning, Auto-aging
jumbo frame	9216Bytes
Transfer Mode	Store-and-forward
Packet Forward Speed	95Mpps
Packet buffer	1.5MB
Switching Capacity	128Gbps
Dimensions(L*W*H)	440*260*44mm
Fan Quantity	2
Green energy saving	IEEE 802.3az
Input Power Supply	12V/3A
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 Specification

spanning Tree	IEEE 802.1D -Spanning Tree
	IEEE 802.1w -Rapid SpanningTree
	IEEE 802.1s -Multiple Spanning Tree
Flow Control	802.3x (Full-duplex) / Back-Pressure (Half-duplex)
VLAN	VLAN Group: 4K
	Tagged VLAN : 4K
	QinQ
	Port-Based VLAN
	MAC-Based VLAN
	Protocol-Based VLAN
Link aggregation	IEEE 802.3ad -Link Aggregation Control Protocol (LACP)
	Max. Group: 13
	10GE Port Aggregation
IGMP Snooping	IGMP Snooping v1/v2/v3
	IPv6 MLD Snooping v1/v2
	IGMP Filtering
	Immediate Leave
QoS	Number of Priority queue: 8 queues
	port Scheduling for priority queue: WRR/Strict Priority scheduling/Hybrid 802.1p/ IP Precedence/ IP TOS Precedence/IP DSCP/ Port based Priority
	Rate Limiting: Ingress/Egress
	DiffServ (RFC2474) remarking
L3 Switch Features	
IPv4/IPv6	Supports IPv4/IPv6 Protocol
Static Routing	Supports Static Routing 64
RIP	Support RIP v1/v2
OSFP	Support OSPF v1/v2
VRRP	Support VRRP
Management features	
Management Interface	Web Based Management
	Command Line Interface (CLI)
	Telnet
SNMP	Support v1, v2c, v3
NTP	Support NTP
LLDP	Support LLDP
Remote Ping	Supports Remote Ping
DHCP	Client/ Relay/ Option82/ Snooping
	DHCP Server
Port Mirroring	One to One/ Many to One

Ordering information

Model	product information
PM228GTM	24*1000Mbps SFP +4*10G SFP+ Fiber Managed Switch