

## Product Overview



The PM130GML V1 provides 24 10/100/1000Mbps RJ45 ports, 2G Combo ports and 2G SFP ports, The switch also comes equipped with 2 SFP slots, expanding your network flexibly. In addition, it provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. With all these advanced features, the Switch is an ideal choice for small and medium business networking.

LCD can display the color screen logo, increase the bandwidth display, display the working status, accurately judge the port working condition and load condition, so as to help customers and wiring engineers find and solve problems in time, eliminate network faults, improve work efficiency and engineering quality.

## Product Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x Standard;
- Support RJ45 Auto-MDI/MDIX;
- LCD to monitor working state and help fault analysis;
- Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
- 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;

## Product Specifications

## Hardware Specification

## Software Specification

<b>Model</b>	PM130GML 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>	24*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2*10/100/1000Mbps Combo ports 2* 100/1000Mbps 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-T: UTP category 5e, 5 cable(≤100m) 1000BASE-X: MMF, SMF
<b>MAC Address Table</b>	8K, Auto-learning, Auto-aging
<b>jumbo frame</b>	9216Bytes
<b>Transfer Mode</b>	Store-and-forward
<b>Packet Forward Speed</b>	41.66Mpps
<b>Switching Capacity</b>	56Gbps
<b>Packet Buffer</b>	4.1Mbit
<b>Dimensions(L*W*H)</b>	440*207*45mm
<b>Fan Quantity</b>	Fanless
<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>Operating Humidity</b>	10% ~ 90% non-condensing
<b>Storage Humidity</b>	5% ~ 90% non-condensing
<b>Surge Protection</b>	Common mode ±6KV Differential mode ±4KV:
<b>MTBF</b>	>50000 hour
<b>Electrostatic standard</b>	Contact 6KV, Air 8KV
<b>Green energy saving</b>	Support IEEE 802.3az
<b>spanning Tree</b>	IEEE 802.1D -Spanning Tree

	IEEE 802.1w -Rapid SpanningTree	
	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	
L3	Static Route	
	Static ARP	
	DHCP Server	
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/Traceroute	
	IPv6 TFTP	

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

## Ordering information

Model	product information
<b>PM130GML V1</b>	24-Port Gigabit+2G Combo+2G SFP+1Console LCD Display Managed switch