



Product Overview

The PM3030GSM V2 provides 24*10/100/1000Mbps RJ45 interface, 2G Combo interface and 2G SFP interface, 24 RJ45 interface all support PoE power supply, support static routing function, provide complete security policy, perfect

QoS strategy and rich VLAN function, easy to manage and maintain, meet the enterprise, community, hotel, office network, campus network networking and access requirements

Product Features

- Complies with IEEE802.3af/at Standard;
- Support RJ45 Auto-MDI/MDIX;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device;
- Remote power and Data feeding up to 100m;
- 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 PD Alive function(the switch port is disconnected will automatically connected);

Product Specifications

Hardware Specification

Model	PM3030GSM V2	
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 IEEE802.3af, IEEE802.3at	
Interface	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	
Indicator	PWR, LNK/ACT, PoE	
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) 100BASE-FX:MMF, SMF 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	
Packet buffer	12M	
Switching Capacity	56Gbps	
Dimensions(L*W*H)	440*207*44mm	
Fan Quantity	2	
PoE Port	Port1~24	
PoE Power on RJ45	Mode A 1/2(-), 3/6(+)	
PoE Power Output	Voltage: 55V DC Power: 32W(MAX)	
PoE Power Budget	250W	370W
Power supply	280W	400W
Input Power Supply	100~240V AC, 50/60Hz	
Operating Temperature	0°C ~ 40 °C	
Storage Temperature	-40 °C ~ 70 °C	
Operating Humidity	10% ~ 90% non-condensing	
Storage Humidity	5% ~ 90% non-condensing	
Surge Protection	Common mode ±6KV Differential mode ±4KV:	
MTBF	>50000 hour	
Electrostatic standard	Contact 6KV, Air 8KV	
Green energy saving	Support IEEE 802.3az	

Software Specification

spanning Tree	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	
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
PM3030GSM V2	24-Port Gigabit+2G Combo+2G SFP+1Console Managed PoE Switch(24-Port PoE, Support 802.3af/at Standard)