

Product Overview



PM116GMC V1 is a self-developed Web Smart Switch with 16*10/100/1000Mbps RJ45 ports. Each RJ45 port supports MDI/MDIX automatic turn-over and wire-speed forwarding, which is easy to use and can flexibly expand home and office networks without limitation of power line layout, easy to manage and maintain, and can meet the requirements of different scenarios.

Features

- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control;
- Supports 802.1Q VLAN, Port VLAN, QoS, bandwidth control, and storm suppression;
- Supports port traffic statistics, port monitoring, cable detection, and loopback protection;
- Panel indicators monitor working status and assist in fault analysis;
- Intelligent identification of wire speed forwarding;
- Data exchange adopts store-and-forward mode;
- Operating temperature: 0°C ~ 40 °C;

Product Specifications

Model	PM116GMC V1
Interface	16*10/100/1000Mbps RJ45 Ports
Standard	IEEE 802.3 , IEEE 802.3u , IEEE 802.3ab, IEEE 802.3x , IEEE 802.1X , IEEE 802.1q , IEEE 802.1p , IEEE 802.1d , IEEE 802.1w , IEEE 802.3ad
Power	12V/1.2A
Transfer Mode	Store-and-forward
Switching Capacity	32Gbps
MAC Address Table	8K, Auto-learning, Auto-aging
Jumbo Frame	9216Byte
Packet Buffer	4.1M bit
Packet Forward Speed	23.81Mpps
Input Voltage	AC 100-240V 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
Dimensions(L*W*H)	440*207*44mm
Fan Quantity	Fanless
Network Media	10BASE-T: Cat 3, 4, and 5 Unshielded Twisted pair cables (≤100) 100BASE-TX: Cat 5 or later Unshielded Twisted Pair (≤100)
Surge Protection	Differential mode ±2KV , Common mode ±4KV
MTBF	>50000 hour
Electrostatic Standard	Contact ±6KV , Air ±8KV

Software Specification

Function menu	Functional description	Added
Basic	Login authentication and logout	
	Bilingual (Chinese-English Switching)	
	Port panel (dual color rate differentiator)	1000 m green
		100 m / 10 m orange yellow
System configuration	Equipment information	Device name
		Device contact
		Location of equipment
	IP Address Setting	Static
		DHCP Client
		Support the DNS
	Web configuration	Web Timeout Setting
	User management	The password must contain at least six letters and digits
	The firmware update	Local upgrade
	Equipment management	Equipment to restart
		Save Settings
		factory data reset
Monitoring management	The port statistical	
	Cable testing	
	Ring network configuration	rlpp
Switch Configuration	Port configuration	Status
		Speed/Duplex/Flow Control
	Port mirror	Entrance/exit /ALL
	Port isolation	
	Static MAC	
	MAC filtering	
	MAC query	
	MAC list	Categories display static/dynamic
VLAN configuration	Member of the VLAN	
	VLAN configuration	Access, Trunk
QOS configuration	Port speed limit	
	The broadcast storm	

Ordering Information

Model	Product Information
PM116GMC V1	16GE Gigabit Web Smart Switch