

Product Overview



PM106GI V1 is independent research and development of industrial non-management switches, have 4*10/100/1000Mbps RJ45 ports and 2*1000Mbps SFP slot. RJ45 port support MDI/MDIX automatically flip forward capability and line speed.

This product is designed for severe bad industrial environment design, can support rail installation; Port surge protection can be up to 6kv; Working temperature range $-40^{\circ}\text{C}\sim 75^{\circ}\text{C}$, can satisfy the special demand of industrial automation control.

Product Features

- No fan, full metal high energy roof conducting tank:
- Support IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Panel lights to monitor working state and help fault analysis:
- Line-speed forwarding, intelligent identification:
- Perfect security mechanism;
- Operating temperature: $-40^{\circ}\text{C}\sim 75^{\circ}\text{C}$;
- Support flow control;

Product Specifications

Hardware Specification

Model	PM106GI V1
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3z, IEEE 802.3x,
Interface	4*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2*1000Mbps SFP Slots
Transfer Mode	Store-and-forward
Switching Capacity	12G
MAC Address Table	4K, Auto-learning, Auto-aging
jumbo frame	9216 Byte
Packet buffer	1.5M bit
Packet Forward Speed	8.9 Mpps
Input Power Supply	DC:12-48V
Operating Temperature	-40°C~75°C
Storage Temperature	-40 °C ~ 80 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Dimensions(L*W*H)	165*147*54mm
Fan Quantity	Fanless
Machine weight	<2kg
LED Indicator	PWR(Green), DATA(10/100M:Orange 1000M: Green)
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-TX : Turn gigabit SFP optical RJ45 electrical module 1000BASE-SX : Gigabit SFP multimode(850nm, LC, DDM) 1000BASE-LX : Gigabit SFP mode (1310nm, LC, DDM) 1000BASE-ZX: Gigabit SFP single mode (1550nm, LC, DDM)
Surge Protection	Differential mode ±4KV Common mode ±6KV
EEE	IEEE 802.3az
MTBF	>100000 hours
Electrostatic standard	Contact ±8KV, air±10KV

Ordering information

Model	product information
PM106GI V1	4-Port Gigabit+2G SFP Industrial switch