

Product Overview



PM112FI V1 is optimal at independent research and development of industrial non-management switches, have 8*10/100Mbps RJ45 and 2*Gigabit TP/SFP Combo Ports, 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℃~75℃, 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℃~75℃:
- Support flow control;

Product Specifications

Hardware Specification

Model	PM112FI
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3z, IEEE 802.3x,
Interface	8*10/100Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX) 2*Gigabit TP/SFP Combo ports
Transfer Mode	Store-and-forward
Switching Capacity	5.6Gbps
MAC Address Table	8K, Auto-learning, Auto-aging
jumbo frame	1632 Byte
Packet buffer	1M bit
Packet Forward Speed	4.17 Mpps
Input Power Supply	DC:12-48V
Operating Temperature	-40℃~75℃
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), LNK/ACT(10/100M:Green; Gigabit port: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
PM112FI V1	8*10/100Mbps+2G Combo Industrial switch