

Product Overview



The PM3009TSN V1 provides 8*100/1000/2500Mbps adaptive RJ45 ports and 1*10Gbps SFP+ fiber module expansion slot. Each RJ45 port supports MDI/MDIX auto-flip and wire-speed forwarding functions. Ports 1 to 8 of them have PoE power supply function and support IEEE802.3af/at standard, which can be used as Power over

Ethernet device and can automatically detect and identify the powered devices that meet the standard and supply power to them through the network cable. The use of store-and-forward technology, combined with dynamic memory allocation to ensure effective bandwidth allocation to each port, is powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras, ideal for WIFI coverage, Internet cafes, server rooms, etc.

Product Features

- Support IEEE 802.3af/at standard;
- Single port output power up to 30W;
- Automatic detection and identification of standard PoE powered devices, intelligent power supply, will not burn non-standard PoE powered devices or ordinary devices;
- Port power priority is supported to ensure continuous power supply for key nodes on the network;
- RJ45 supports port auto-flip (Auto MDI/MDIX);
- Panel light monitors working status and assists in fault analysis;
- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control;
- Support Ethernet Energy Efficiency (EEE) function (IEEE802.3az);
- Support VLAN function;
- Motherboard, Power Supply, PoE (3 in 1).

Product Specifications

Hardware Specifications

Model	PM3009TSN V1
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3az, IEEE802.3x, IEEE802.3bz, IEEE802.3ae, IEEE802.3af, IEEE802.3at
Interface	8*100/1000/2500Mbps RJ45 Ports 1*10Gbps SFP+ Slot
Indicator	PWR, LNK/ACT, PoE
Network Media	100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-TX UTP category 5e, 5 cable (≤100m) 2.5GBASE-TX UTP category 5e, 5 cable (≤100m) 1000BASE-X: MMF, SMF 10GBASE-X: MMF, SMF 10GBASE-SR: OM1/OM2/OM3 or above MMF (2m ~ 300m) 10GBASE-LR: IEC's B1.1 and B1.3 SMF (2m ~ 10000m)
MAC Address Table	4K, Auto-learning, Auto-updating
Key Function	VLAN
Jumbo Frame	12KByte
Packet Buffer	8.1Mbit
Transfer Mode	Store-and-forward
Packet Forward Speed	44.64Mpps
Switching Capacity	60Gbps
Dimensions(L*W*H)	280*180*44mm
PoE Port	Port1~8
PoE Power On RJ45	1/2 (+) 3/6 (-)
PoE Power Output	30W (MAX)
PoE Power Budget	130W
Power Supply	150W
Input Voltage	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

Ordering Information

Model	Product Information
PM3009TSN V1	8-Port*2.5G(PoE)+1*10G SFP+ PoE Switch