Product Overview

PM3010FSNR V1 have 8-port 10/100Mbps RJ45 and 2-port Gigabit RJ45, switch with 8 port PoE (Port1~8). Among them port1-4 PoE ports support long-distance transmission of 800 meters(optional)（with long-range Equipment), The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc.

PoE, main board and power supply are all in one, PM3010FSNR V1 is easy to install and become smaller and more flexible. In addition, It is easy to manage and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

Features

- Complies with IEEE802.3af/at Standard;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device; will not burned non-standard PoE device or normal PoE switch;
- Supports port power supply prioritization, guarantee the continuous power supply of key nodes;
- Delivers full POE Plus power at 300-500m(By module);
- Unrestricted 10Mbps with POE at over 800m;
- Supports IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Line-speed forwarding, intelligent identification;
- Supports storage – and- forward for Data exchange;
- Internal power supply with small case;
- Power supply, PoE module and switch PCBA Three in one.

Product Specifications

Model	PM3010FSNR V1
PoE standard	IEEE802.3af/at
Interface	8*10/100Mbps RJ45 port 2*10/100/1000Mps RJ45 port
PoE port	1-8(port1-4 can choose 2 or 4 port to support 800 meters of long-distance transmission) Used with long-range Equipment
PoE Total	120W
Power supply	125W
Key function	VLAN
RJ45 PoE power supply	Mode A Anode1/2 Cathode3/6
PoE output-port	Max 32W
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, 6 cable(≤100m)
MAC Address Table	16K, Automatic study, automatic updates
jumbo frame	16K
Packet buffer	4M bit
Transfer Mode	Store-and-forward
Packet forwarding rate	1.488Mpps
Bandwidth	5.6Gbps
Fan	1Fan	Fanless (Optional)
Device Dimension	220*150*44mm
Machine weight	<2.5kg
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
Surge Protection	Differential mode±2KV, Common mode ±6KV
MTBF	>50000 hour
Electrostatic standard	Contact 6KV, air 8KV

With long-range Equipment Test data:

Cable Length (m)	Negotiating speed (Mbps)	PoE Max Load Capacity (W)(PD)	Hi-PoE Max Load Capacity (W)(PD)
50	100Mbps	30	45
100	100Mbps	29	43
150	100Mbps	28	41
200	100Mbps	28	40
250	100Mbps	27	38
300	100Mbps	26	35
350	100Mbps	25	33
400	100Mbps	24	31
450	100Mbps	23	29
500	100Mbps	23	28
550	10Mbps	22	25
600	10Mbps	21	23
650	10Mbps	20	21
700	10Mbps	19	20
750	10Mbps	19	19
800	10Mbps	17	17
Unipoe Power Supply Voltage is 56V. **Adopt PM104MM V1.0 version of the Module.** **The cable is CAT.5e, 100m DC impedance is no more than 10.5 Ω.**			

Ordering information

Model	product information
PM3010FSNR V1	8*10/100Mbps+2GE long-range PoE Switch (Used with long-range Equipment)

UNIPOE IOT Technology Co., Ltd

Web: www.unipoe.com
Mail: unipoe@unipoe.com
Tel:　0769-8600 1588
Fax:　0769-8600 1800