

## Unmanaged PoE Switch 8\*10/100M PoE+, 2\*100M RJ45 Uplink XM100-8FP2N



### Overview

XM100 series PoE switch is designed by XTREME for meeting better demand of PoE power supply. It adopts the latest high-speed Ethernet switching chip and ultra-high backplane bandwidth design, with extremely fast data processing capability to improve smooth data transmission performance. XM100-8FP2N has 8 PoE+ RJ45 ports and 2 RJ45 Uplink ports. All of eight RJ45 downlink ports support IEEE 802.3af/at standard, with a maximum power supply of 30W for a single port and 120W for the whole machine, which can automatically detect and identify the powered devices that comply with IEEE 802.3af/at standard and supply power for the priority mechanism through the network cable.

With simple and convenient installation and maintenance means and rich service features, it helps users to build a safe and reliable high-performance network. It is ideal for powering PoE devices such as IP cameras, Wireless Access Point, IP phones, office Access Control Systems, and other PD devices and offers a line of high quality products that provide a total solution for Ethernet application in different environments. It can be widely used in Ethernet access scenarios such as SMEs, Internet cafes, hotels, and schools.

### Features:

- 8\*10/100Mbps PoE+ ports, 2\*10/100Mbps RJ45 Uplink
- Support IEEE802.3af/at
- Support restrain network storm, 1-8 port support VLAN mode
- Support Max Transmission distance up to 250m
- All RJ45 port supported by MDI/MDIX auto flip and auto-negotiation
- Built-in power supply
- Maximum power of single PoE port: 30 W
- Total power: 120W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall mounting
- Support lightning protection 4kV

## Technical specification

Item		Description	
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	120W	
Network Connector	Network Port	PoE Ethernet Port	1~8 Port: 10/100Mbps
		RJ45 Ethernet port	Uplink Port: 10/100Mbps
	Transmission Distance	1~8 Port: 100Mbps:0~100m; 10Mbps: 0~250m;	
		Uplink Port: 0 ~ 100m	
Transmission Medium	Cat5/5e/6 standard network cable		
Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab	
	Switching Capacity	2.0Gbps	
	Packet Buffer Memory	1Mbits	
	Throughput	1.488Mpps	
	MAC Table	1K	
	Packet Forwarding rate	10Mbps:14880pps/port 100Mbps: 148800pps/port	
Power Over Ethernet	PoE Standard	IEEE 802.3af/at	
	PoE Power Supply	12 45 + ,36 78- , 8 core power supply	
	PoE Power	af=15.4W, at=30W for each port	
RJ45 port	Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode	
LED Indicator	LED Indicator	PoE Status Indicator; Power indicator;Extend	
Environmental	Working temperature	0°C~+55°C	
	Relative Humidity	20%~95%	
	Storage temperature	-20°C~+70°C	
Mechanical	Dimension (L×W×H)	190*125*38MM	
	Color	Black	
	Installation	Wall mounting/Desktop	
	Weight	0.80 kg	
Stability	MTBF	>50,000h	