



Managed PoE Switch with Eight 10/100M Ports and Gigabit Combo Port

OP-S8A1C1X-M



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Overview

This OP-S8A1C1X-M switch provides a network point for power supply and data transmission. All the 8 Ethernet ports can be connected with 10/100Mbps quickly, and the uplink port is 8.8Gbps fiber interface, among which 1-8 ports can provide standard IEEE 802.3af power supply. Due the advanced self-sensing algorithm supply power for IEEE802.3af terminal unit only, there is no need to worry about damaging proprietary PoE or non-PoE standard equipment. In addition, it will stop power supply when PoE devices are not connected. In short, The OP-S8A1C1X-M features simple and reliable design, automatic identification PoE requirements, duplex and high-speed.

This cost-effective OP-S8A1C1X-M provides network layout need to simplify wireless access point (AP) and IP-based surveillance cameras network cameras in order to install in commercial network and home network. The devices far away from power socket are very suitable for hanging on the wall or ceiling. PoE eliminates the need for connecting these devices to power socket. So it make more flexible for those difficult to connect with AC power socket, and cut down the installation cost. It is ideal choice for those want to deploy a small commercial network and home network that use wireless access point (AP) and IP-based surveillance cameras.

Product Features

- Supply power to Cat5 network surveillance cameras (PoE)
- 8x 10/100 Mbps auto-sensing RJ45 ports; 2x gigabit optical electronic combo ports
- Supports port auto-flip (Auto MDI/ MDIX)
- Adopts store-and-forward architecture, 192K forward memory
- Maximum power per port: 15.4W, Total PoE power: 150W
- Network port has lightning-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- Compatible with IEEE 802.3; IEEE 802.3u;IEEE 802.3ab;IEEE 802.3x Flow Control; IEEE 802.1af standards
- Wall-mounted design, easy to install and use

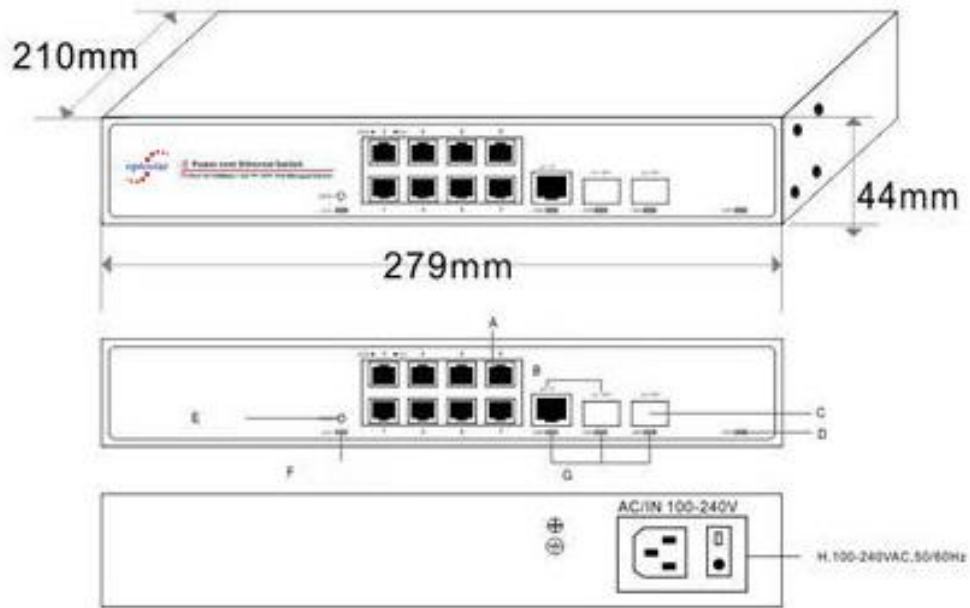


Technical Parameter

Product Name	Managed PoE Switch with 8*PoE Ports + Gigabit Combo Port
Product Model	OP-S8A1C1X-M
Connector	8x 10/100M Ethernet ports; 1x gigabit optical electronic combo port, 1x gigabit optical port
Transfer Mode	Store-And-Forward, 192K forward memory
Network Medium	10BASE-T: Cat3,4,5 UTP(≤100 meter) 1000BASE-TX: Cat5 or more UTP(≤100 meter)
	Single mode(9/125um) optical transmission, transmission distance: 25km (double optical default, single optical alternative)
Performance Specifications	Bandwidth: 8.8Gbps (non-blocking) Network Latency (100 to 100M bps): maximum delay less than 20 microseconds Packet Buffer Memory: 96KB Address Database Size: 8K MTBF: 190,000 hours (about 21 years)
Network Protocols and Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3af
LEDs Status	System: power supply Every Port: connecting status, PoE working status
Power	Maximum PoE switch power:150 W PoE port power:15.4 W(1~8 port) Power input: AC100-240V 50/60Hz; (every country use a custom power plug)
Dimensions/Weight	Dimensions: 279x210x44mm
Working Environment	Operating Temperature: -20 ° ~ 75 ° C Storage Temperature: -40 ° ~ 85 ° C Humidity: 10% ~ 90%, non-condensing Storage Humidity: 10% ~ 95%, non-condensing Working Altitude: 3000 m (10,000 ft) Storage Altitude: 3,000 m (10,000 ft)
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B

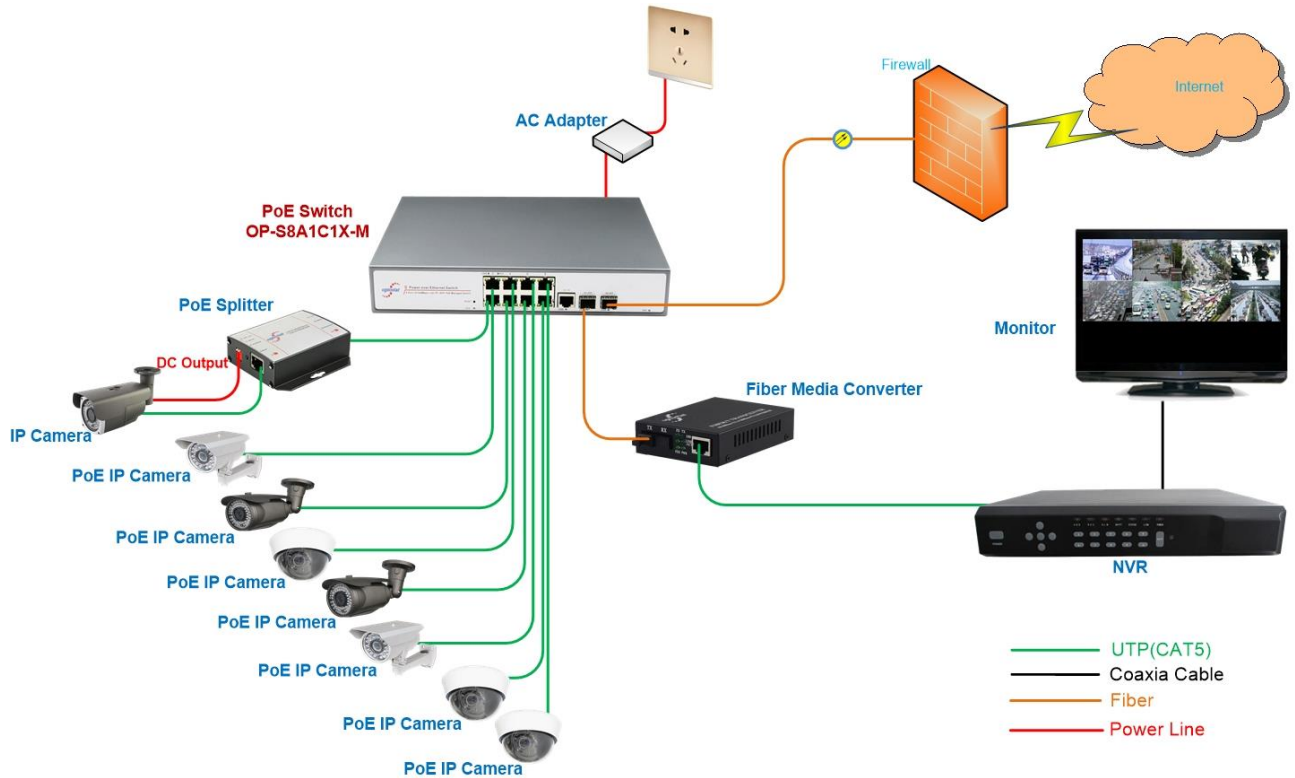
Safety	CE Mark ,commercial CE/LVD EN60950, RoHS
Warranty	1 year warranty(3 yeas warranty for power adapter)

Product Size



- A. PoE Power Port
- B.Uplink Gigabit Optical Multiplexing Port
- C.Uplink Gigabit SFP Optical Port
- D. Power Indicator Light
- E. Reset
- F. System Indicator Light
- G. Link Indicator Light
- H. 100-240V AC, 50/60Hz

Application



Order Information

Model	Description
OP-S8A1C1X-M	8*10/100M PoE ports + 1x Gigabit optical electrical combo port+ 1x Gigabit optical port PoE switch, and 1-8 ports support POE IEEE 802.3af international standard, each port power is 15.4W, the whole power is 150W(not included fiber module)
Notes: PoE default power supply is end-span (1/2, 3/6 line pair), alternative PoE Power supply is mid-span(4/5, 7/8 line pair)	

Package include

No	Package List
1	Managed PoE Switch with 8x PoE Ports and Gigabit Combo Port (OP-S8A1C1X-M)
2	Power Adapter
3	User Guide
4	Warranty Card



Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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