



Fibresales Fibre Optic 16CH Full Gigabit POE Switch

Fibresales MC-POE-16-1G Gigabit POE Switch provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. It can be used for any 10/100/1000Mbps link and supply industry-standard IEEE 802.3af/at power. Advanced auto-sensing algorithm gives power to 802.3af end devices. In addition, the PoE switch automatically determines PoE requirements, speed, duplex, and cable type using Auto Uplink. Easy to operate and reliable.

The PoE switch is ideal for powering PoE devices such as IP cameras, WLAN access points, 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 applications in different environments.

1. Overview

- 16*1000mbps POE port, 2*1000mbps SFP UP-Link port
- 100m Transmission Distance, 1-16 port support VLAN mode, 15-16 port can be used as uplink RJ45 port
- Compatible with IEEE802.3AF/AT
- Whole Power: 250W (52V 4.8A) Full duplex
- All ports supported by MDI/MDIX auto flip and self-negotiation
- Supply 16 pcs 10/100/1000Mbps adaptive high speed forwarding data packet non-lost port.

MC-POE-16-1G Gigabit POE Switch Specification

- Each port max. power supply reached 30W.
- Low heat design, safe and reliable, high stability

Application: Wireless Access Point - IP Camera - IP Phone

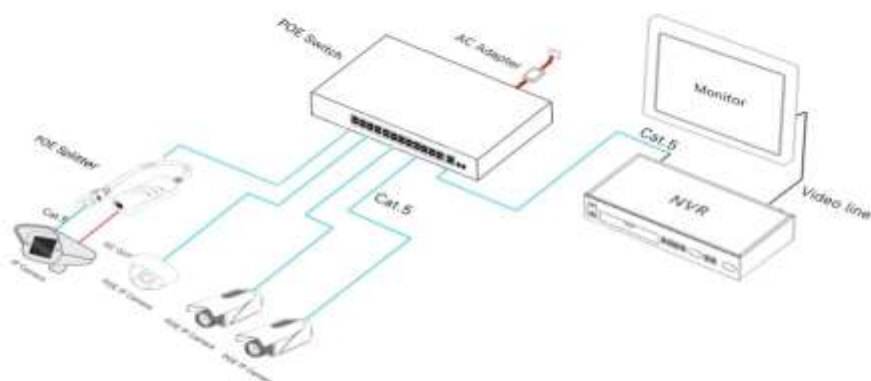
- **Technical Specification**

Product Name	16 CH Full Gigabit POE Switch (24+2 SFP)		
Product Model	MC-POE-16-1G		
DATA PIN	1/2+,3/6- 4/5+7/8-		
Power Supply Type	Build In, 1/2+,3/6-		
PoE Output Power	30W		
Connector	16*1000mbps POE port,2*1000mpbs SFP Uplink Port		
Network Medium	Cat5 (UTP) or more		
Technology			
Network Standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet		
PoE power	30W per port (IEEE802.3af/at). Wiring: Data & power provided over pairs 1/2 and 3/6 or 4/5 (+) and 7/8(-)		
Processing types	Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control		
Address database Table Size	8K MAC address		
Buffer memory	48Kb embedded memory per unit		
Backboard Bandwidth	36Gbps Full duplex		
Network Latency	Less than 20us for 64byte frames in store-and-forward mode for 100Mbps to 100Mbps transmission		
Power			
Input	AC 110-240V		
PoE power consumption	30W per port (IEEE802.3af/at)		
Overload current protection	Present		
Mechanical			
Casing	Metal		
Installation	DESKTOP/Rack mounting with Bracket		
Interface			
LED Indicators	System: Power, PoE Maximum power Per port: Link, Activity, Speed, PoE active, PoE error		
Environment specification			
Operating temperature	-10-55°C(32-104°F)		

MC-POE-16-1G Gigabit POE Switch Specification

Storage temperature	-40-70°C(14-158°F)
Operating humidity	90% maximum relative humidity, non-condensing
Storage humidity	95% maximum relative humidity, non-condensing
Regulatory Approval	
ISO	Manufactured in an ISO9001 facility
Safety	CE/CCC
Warranty	2 years
Dimensions	312*185*46mm (L*W*H)
Weight	N.W:1.8Kg G.W:2.1Kg

Application Diagram



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