

FI-MC-GA-PSE Series PoE(PSE) Media Converter 8 x 10/100/1000M RJ45 Ports + 2 x Gigabit SFP Fiber Ports



Overview

Power-over-Ethernet (PoE) technology brings simplicity and cost-savings to network deployment for all size of businesses. With more and more devices capable of receiving power over Ethernet, the PoE switches that can provide power to these end devices are in high demand. Traditional PoE switches come with high port density and are not flexible or optimized for small scale deployments. Users will end up with many unused ports. The FI-LINK FI-MC-GA-PSE-28 provides a compact solution that fits nicely into a situation where low-port density is desired for specific areas or extension of the network. It comes with 8 PoE-capable Gigabit copper ports to connect to your PoE end devices and two additional dedicated Gigabit SFP Fiber ports for uplinks with greater distance. Plus, with the PoE Plus support, FI-MC-GA-PSE-28 is able to provide sufficient power for those power-hungry devices with up to 15.4w per port . FI-MC-GA-PSE-28 is packed with powerful features capable of enhancing any type of business network.

FEATURES	BENEFITS
Power-over-Ethernet (PoE)	Provide flexibility and simplicity for your VoIP and Video Surveillance deployments.



PoE Plus	Future-Proof, capable of powering your 11n WIFI access points as well as PTZ cameras and video phones
Traffic Management	Prioritize traffic to ensure quality of latency-sensitive services and applications despite increasing traffic loads
Advanced Security with 802.1x and ACL	User-based authentication and added filtering to permit or deny traffic based on MAC or IP addresses
Auto Voice and Auto Video	Assist customers to easily set up VoIP or IP surveillance networks with a couple of simple steps
PoE Power Management	Automatically detect PoE on the end devices and dynamically manage power assignments and priority
PoE Timer	Schedule to turn off your WIFI network or VoIP phones outside of office hours for security and energy savings

Specification

Network Protocol and Standards Compatibility	<ul style="list-style-type: none"> - IEEE 802.3 10BASE-T - IEEE 802.3u 100BASE-TX - IEEE 802.3ab 1000BASE-T - IEEE 802.3z 1000BASE-X - IEEE 802.3x full-duplex flow control - IEEE 802.3af (Power over Ethernet Plus)
Power Supply	<p>Power consumption: 147 W maximum</p> <p>100-240VAC/50-60-Hz universal input</p> <p>PoE budget: 130W</p>
Network Ports	<p>8 x 10/100/1000 Mbps auto sensing Gigabit Ethernet</p> <p>2 x Gigabit SFP slots</p>
Physical Specifications	<p>Dimensions: 328 x 169 x 43 mm (12.91 x 6.65 x 1.7 in)</p> <p>Weight: 1.68 kg (3.7 lb)</p>
Environmental Specifications	<p>Operating temperature: 32°to 122°F (0°to 50°C)</p> <p>Storage temperature: -4°to 158°F (-20°to 70°C)</p> <p>Operating humidity: 90% maximum relative humidity, non-condensing</p> <p>Storage humidity: 95% maximum relative humidity, non-condensing</p>



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	Operating altitude: 10,000 ft (3,000 m) maximum Storage altitude: 10,000 ft (3,000 m) maximum
LEDs Status	Per port (10/100 and Gigabit): Link/activity, speed Per device: Power, Fan, PoE Max Per PoE port: PoE Power, PoE fault
System Requirements	Category 5 UTP Network cables or above
	Network card for each PC
	Network software (e.g., Windows)
	Web browser (e.g., Internet Explorer 6.0 or higher, Netscape 6.0 or higher)
Performance Specifications	Forwarding modes: Store-and-forward
	Bandwidth: 20 Gbps
	Network latency: <4μs for 64-byte frames in store-and forward mode for 1000 Mbps to 1000 Mbps transmission
	Buffer memory: 512KBytes per system
	Address database size: 4,000 media access control (MAC) ad
	Addressing: 48-bit MAC address
	Mean time between failures (MTBF): 458,124 hours at 25C
	Acoustic noise: <38 dBA

Order Information

Part No.	Descriptions
FI-MC-GA-PSE-28	8 ports 10/100/1000M RJ45 + 2 Gigabit SFP fiber ports , without SFP transceivers Support PoE/PSE 15.4W per port (IEEE802.3af)
FI-SFP-1.25G/SM/20/LC	1.25G SFP transceiver , SM 20Km , Duplex LC . Without DDM 1-
FI-SFP-1.25G/BIDI/20A/SC	1.25G SFP transceiver , BIDI WDM , 20Km , Simplex SC . Without DDM , Tx1310nm/Rx1550nm
FI-SFP-1.25G/BIDI/20B/SC	1.25G SFP transceiver , BIDI WDM , 20Km , Simplex SC . Without DDM , Tx1550nm/Rx1310nm

Department/Workgroup POE Switch

