PoE+ Industrial Fiber to Ethernet Media Converter 30W - SFP to RJ45 - Singlemode/Multimode Fiber to Copper Gigabit Ethernet - Mini/Compact Size - IP-30/ -40 to +75C

Product ID: IMC1GSFP30W



This open SFP PoE fiber media converter offers an easy, inexpensive way to extend the reach of your data and power devices at remote locations using your network over fiber, using the SFP of your choice. It combines the data connectivity of a media converter with the flexible power supply capabilities of a PoE injector

It converts a fiber network link to a POE-enabled copper RJ45 Ethernet connection to provide data and power to remote POE devices like security cameras, sensors, wireless, lighting, and more. The converter provides a powerful networking solution for campuses, warehouses, factories or any applications that require POE and connectivity over long distances.

At 4.5 square inches and weighing approximately 80g, this mini media converter can be installed almost anywhere you need it and has been engineered to work in environments with large temperature changes. The converter also includes a set of DIN mounting rails for additional installation options.

30 watts of available support a wide range of devices such as:
<small>Surveillance Cameras</small> <small>Wireless Access Points</small>
<small>Locks & Sensors</small> <small>Lighting</small>

The Gigabit fiber media converter provides a cost-efficient way to connect remote devices over a fiber link. It features an open SFP slot that lets you choose the MSA compliant Gigabit SFP that best suits your fiber connection mode (single/multimode) and distance requirements.

Fully compatible with 10/100/1000Base-T Ethernet networks, the fiber media converter supports auto-negotiation to bridge different speed networks and devices to a Gigabit fiber network. It provides versatile connectivity to your existing networks and devices, allowing you to maximize the usage and performance of legacy equipment.

The IMC1GSFP30W is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

Features

• COMPACT SIZE: Smallest form factor Fiber to Ethernet media converter with PoE extends & converts fiber to RJ-45 copper, powering devices up to 30W (PoE/PoE+) using Cat 5e (or higher)
• TECH SPECS: 1 Gbps 1 x Open SFP (MSA Compliant) 1x RJ45 48V-56VDC IEEE 802.3af / IEEE 802.3at (30W) 10/100/1000Mbps LFP 16K Jumbo Frames DIN or Wall Mount Hardware Included
• PERFORMANCE & RELIABILITY: Industrial Gigabit Mini Media Converter w/MTBF 500,000+hrs @ 50C Vibration, shock & free fall rated IP-30 aluminum housing Hardened operating temp -40C to 75C
• OPEN SFP SLOT: Any MSA compliant SFP can be used for the incoming multimode or singlemode fiber connection; easy deployment across applications or fiber cable types
• FLEXIBLE POWER: Can be hardwired using terminal block (48-56VDC) power or powered using a standard (48-56VDC) Type-N barrel wall adapter (not included)

Hardware	Warranty	2 Years
	PoE	Yes
	Industry Standards	IEEE 802.3 10BASE-T
	Industry Standards	IEEE 802.3u 100BASE-TX
	Industry Standards	IEEE 802.3 1000BASE-T
	Industry Standards	IEEE 802.3z 1000BASE-TX
	Industry Standards	IEEE 802.3x
	Industry Standards	IEEE 802.3af Power over Ethernet
	Industry Standards	IEEE 802.3at PoE Plus
	Industry Standards	ESD: IEC 61000-4-2: Contact: 6KV; Air: 8KV
	Industry Standards	EFT: IEC 61000-4-4: Power: 2KV; Signal: 2KV
	Industry Standards	Vibration: EN 60068-2-6
	Industry Standards	Shock: EN 60068-2-27
	Industry Standards	Free-fall: EN 60068-2-32
	Industry Standards	Housing: IP-30
	Chipset ID	IC Plus: IP1103A
	Chipset ID	Microsemi: PD69101ILQ-TR
Performance	Maximum Cable Length	328.0 ft [100 m]

	Bandwidth	2G (Maximum per port)
	Buffer Size	512 KB
	Flow Control	IEEE 802.3x Flow Control and Back Pressure
	Surge Protection	IEC 61000-4-5: Power: 2KV
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Jumbo Frame Support	16K max.
	Switching Architecture	Back-plane (Switching Fabric): 4Gbps
	General Specifications	ESD: IEC 61000-4-2: Contact: 6KV; Air: 8KV</br>EFT: IEC 61000-4-4: Power: 2KV; Signal: 2KV</br>Surge: IEC 61000-4-5: Power: 2KV; Signal: 2KV</br>Vibration: EN 60068-2-6</br>Shock: EN 60068-2-27</br>Free-fall: EN 60068-2-32</br>Housing: IP-30</br> Safety: EN60950-1
	MTBF	561556 hours
Connector(s)	Connector A	Terminal Block (3 Wire)
	Connector A	RJ-45 (PoE+)
	Connector A	SFP Slot
Special Notes / Requirements	Patents and Licenses	United States Patent No. 5,406,260 (expired) </br>United States Patent No. 6,650,622</br>United States Patent No. 7,457,250</br> United States Patent No. 8,155,012</br>United States Patent No. 8,902,760</br>United States Patent No. 8,942,107</br>United States Patent No. 9,019,838</br>United States Patent No. 9,049,019</br> United States Patent Application No. 14/695,456</br>United States Patent Application No. 14/726,940</br>
Indicators	LED Indicators	Power
	LED Indicators	Activity
	LED Indicators	Link
	LED Indicators	PoE
Power	Plug Type	N
	Plug Type	Terminal Block (3 Wire)
	Power Consumption (In Watts)	Max. 30W
Environmental	Operating Temperature	-40C to 75C
	Storage Temperature	-40C to 85C

	Humidity	5% to 95% (non-condensing)
Physical Characteristics	Color	Black
	Material	Aluminum
	Cable Length	328.0 ft [100 m]
	Product Length	2.3 in [59 mm]
	Product Width	1.4 in [36 mm]
	Product Height	1.9 in [49 mm]
	Weight of Product	2.8 oz [80 g]
Packaging Information	Package Length	4.1 in [1.0 cm]
	Package Width	6.1 in [1.6 cm]
	Package Height	2.5 in [64 mm]
	Shipping (Package) Weight	8.5 oz [240.9 g]
What's in the Box	Included in Package	Mini PoE Media Converter
	Included in Package	Terminal Block to Barrel Power Connector Adapter
	Included in Package	Quick-Start Guide
	Included in Package	Mounting Hardware
	Included in Package	Terminal Block

Product appearance and specifications are subject to change without notice.