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PoE+ Industrial Fiber to Ethernet Media Converter 60W - SFP to RJ45 - Singlemode/Multimode Fiber to Copper Gigabit Ethernet - Compact Size - IP-30/ -40 to +75C - TAA

Product ID: IMC1GSFP60W



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.

This 60W media converter can be installed almost anywhere you need it as it 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.

60 watts of available support a wide range of PD devices such as:

The Gigabit fiber media converter provides a cost-efficient way to connect high powered 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.

Accepts terminal block power or coaxial power connectors with the barrel plug adapter, allowing the product to be hardwired or powered using an external power supply (not included), which does not require professional installation.

The IMC1GSFP60W is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

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Applications

Features

• EXTEND, CONVERT, POWER: Fiber to Ethernet media converter with PoE extends & converts fiber to RJ-45 copper; Provides up to 60W of PSE power to PoE/PoE+/PoE++ PD devices like cameras and sensors

• TECH SPECS: 1 Gbps 1 x Open SFP (MSA Compliant) 1x RJ45 48V-56VDC IEEE 802.3af / IEEE 802.3at (60W) 10/100/1000Mbps LFP 16K Jumbo Frames DIN or Wall Mount Hardware Included 2 yr warr

• ROBUST DESIGN: Industrial Gigabit Media Converter w/MTBF 500,000+hrs @ 50C Vibration, shock & free fall rated Rugged 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 Type-N barrel wall adapter (not included)

General		
	UPC	065030889636
	Package Quantity	1
	Warranty	2 Years
Compliance & Certifications		
	Patents and Licenses	United States Patent No. 5,406,260 (expired) , United States Patent No. 6,650,622, United States Patent No. 7,457,250, United States Patent No. 8,155,012, United States Patent No. 8,902,760, United States Patent No. 8,942,107, United States Patent No. 9,019,838, United States Patent No. 9,049,019, United States Patent Application No. 14/695,456, United States Patent Application No. 14/726,940,
Special Notes / Requirements		
	Special Notes	The IMC1GSFP60W can provide power beyond the 802.3at 30W limit up to a maximum of 60W for legacy PD devices. The IMC1GSFP60W does not support the 802.3bt standard.
Power		

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	Input Voltage	48 ~ 56V DC
	Plug Type	N
	Power Consumption	Max 60W

Physical & Environmental		
	Color	Black
	Material	Aluminum
	Cable Length	328.1 ft [100 m]
	Product Length	4.1 in [10.4 cm]
	Product Width	3.2 in [81.5 mm]
	Product Height	1.3 in [32.0 mm]
	Weight of Product	5.4 oz [153.0 g]
	Operating Temperature	-40C to 75C
	Storage Temperature	-40C to 85C
	Humidity	5% to 95% (non-condensing)

Performance		
	Surge Protection	IEC 61000-4-5: Power: 2KV
	Maximum Cable Length	328.1 ft [100 m]
	Bandwidth	2G (Maximum per port and backplane)
	Buffer Size	512 KB
	Flow Control	IEEE 802.3x Flow Control and Back Pressure
	Fiber Type	Single Mode / Multi Mode
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Full Duplex Support	Yes
	Jumbo Frame Support	16K max.
	Switching Architecture	Back-plane (Switching Fabric): 4Gbps

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	General Specifications	ESD: IEC 61000-4-2: Contact: 6KV; Air: 8KV, EFT: IEC 61000-4-4: Power: 2KV; Signal: 2KV, Surge: IEC 61000-4-5: Power: 2KV; Signal: 2KV, Vibration: EN 60068-2-6, Shock: EN 60068-2-27, Free-fall: EN 60068-2-32, Housing: IP-30, Safety: EN60950-1, Safety: MET (UL) 60950-1,
	MTBF	561556 hours

Hardware

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

Packaging & In-the-Box

	Included in Package	1 - Media Converter
		1 - Terminal Block
		1 - Terminal Block to Barrel Power Connector Adapter

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		1 - Mounting Hardware Kit
		1 - Quick-Start Guide
	Package Width	8.4 in [21.3 cm]
	Package Depth	6.6 in [16.7 cm]
	Package Height	2.6 in [67 mm]
	Shipping (Package) Weight	13.1 oz [372 g]

Connector(s)		
	Connector 1 (Quantity)	1
	Connector 1	Terminal Block (3 Wire)
	Connector 2 (Quantity)	1
	Connector 2	RJ-45
	Connector 3 (Quantity)	1
	Connector 3	SFP Slot

Product appearance and specifications are subject to change without notice.