GF-FR-POE232

Media Converter 10/100/1000 SFP external power | PoE+ to SFP 100/1000

Product overview

Gigabit copper-to-fiber conversion with PoE power for IP cameras, wireless access points and VoIP devices. Supports enterprise, surveillance, campus and remote PoE deployments.

Technical specifications

Parameter	Specification
Copper port	1 x 10/100/1000BASE-T RJ45 PoE
Fiber port	1 x 1000BASE-X, SFP or 1x9 optical interface
Duplex / negotiation	Full/half duplex; auto-negotiation; Auto-MDI/MDI-X
PoE standards	IEEE 802.3af / 802.3at
PoE output / budget	Up to 30 W
PoE type	PSE / Mid-span
PoE pin assignment	1/2 (+), 3/6 (-)
Switching capacity	2 Gbps
Transmission mode	Store-and-forward
Ethernet standards	IEEE 802.3i, 802.3u, 802.3ab, 802.3z, 802.3x, 802.3af, 802.3at
Operating temperature	0 to +50 °C
Storage temperature	-20 to +70 °C
Humidity	5-90%, non-condensing
MTBF	>100,000 hours

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Technical specifications - continued

Parameter	Specification
Housing	Metal
Installation	Desktop or wall mount
Power supply	External AC adapter; DC 52 V input
Power consumption	Approximately 20 W (af mode); 35 W (at mode)
Jumbo frames	9K
Fault handling	Link Fault Pass-Through (LFPT)
Flow control	Back-pressure (half duplex); IEEE 802.3x pause frames (full duplex)
Fiber data rate	1.25 Gbps
Fiber type / reach	MMF: 550 m at 850 nm; SMF: 10 km at 1310 nm, depending on optics
Optical connector	SC or LC, depending on module
Transmitter power	-9 to -3 dBm
Receiver sensitivity	= -22 dBm
Protection	IP30
Dimensions	94 x 71 x 26 mm

General notes

The optical values describe source-listed optics and are not universal limits for every inserted SFP. Receiver sensitivity equality sign is retained. The product description specifies SFP 100/1000; the technical port specification states 1000BASE-X. Confirm 100M fiber support and the supplied optical interface.

Ordering: GF-FR-POE232