



Industrial Gigabit Media Converter

10/100/1000Base-TX to SFP Slot, IP50-rated Metal Housing, DIN-Rail Mount

Part No.: 509572

EAN-13: 0766623509572 | UPC: 766623509572

Industrial Media Converter to Expand Your Existing Network in Tough Industrial Environments

The Intellinet Network Solutions Industrial Gigabit Media Converter offers the network designer a device for migration from copper-based Ethernet to Fiber Ethernet. Now, migration or expansion of existing networks can be achieved with minimum cost and complexity. The converter is completely transparent to the network, so the network performs exactly the way it did before, only now it can support both copper and fiber media. It provides fiber connectivity to Ethernet segments, allowing for even greater networking expansion between extended workgroups. It also provides building-to-building connectivity without the need for the cost and disruption associated with the installation of additional routers.

Equipped even for challenging environment conditions

With its rugged, protective, IP50-rated metal housing, the converter operates reliably, even in extreme temperatures from -40 to 75°C (-40 to 167°F). In combination with its DIN-rail mounting option and a safe DC power input with plenty of other safety features, this converter is ideal for IoT applications in Industry 4.0 and more.

Features:

- One 10/100/1000 RJ45 port supporting a maximum distance of 100 m (300 ft.)

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- One SFP port for 1000Base-X optical transceiver modules and distances up to 80 km (50 mi.)
- IP50 slim-type metal housing to withstand harsh industrial conditions
- Suitable for extreme operating temperatures of -40 to 75°C (-40 to 167°F)
- Option for DIN-rail installation
- DC input (12 - 60 V) through terminal block
- Requires industrial power supply (not included)
- Rated for shock (IEC 60068-2-27), freefall (IEC 60068-2-31) and vibration (IEC 60068-2-6)
- Grounding point to protect equipment from external electrical surges
- ESD protection up to 8 kV (air) and 6 kV (contact)
- Port surge protection up to 6 kV
- Supports full-duplex and half-duplex modes with autonegotiation
- Supports 1k MAC address entries with Auto-learning and Auto-aging
- Buffer memory of 512 Kbits
- Supports jumbo frames up to 16 kBytes
- Fully TAA-compliant
- Three-year warranty

Specifications:

Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3z (1000Base-X Gigabit Ethernet)

General

- Media support:
 - 10/100/1000Base-TX Cat6 or higher UTP/STP RJ45
 - SFP module slot for Mini GBIC module (not included)
- Certifications: FCC, CE, RoHS, REACH, UKCA, TAA
- MTBF: 1M hours

Electrical

- DC input: 12.0 - 60.0 V DC, up to 2.3 A, 3-pin terminal block

DC input pin assignment

- Pin 1: DC (+)
- Pin 2: DC (-)
- Pin 3: GND

LEDs

- Power
- LAN Port
- SFP Port

Physical

- IP50-rated metal housing
- DIN rail: In accordance with IEC/EN 60715 (top hat)
- Dimensions (L x W x H): 58 x 61 x 26 mm (2.28 x 2.4 x 1.02 in.)
- Net weight: 141 g (0.31 lbs.)
- Gross weight: 168 g (0.37 lbs.)
- Operating temperature: -40 - 75°C (-40 - 167°F)
- Storage temperature: -40 - 85°C (-40 - 185°F)
- Operating humidity: 10 - 95% RH, non-condensing
- Storage humidity: 10 - 95% RH, non-condensing
- Recommended AWG for terminal block: 16-28

Package Contents

- Industrial Gigabit Media Converter
- Instructions



