

Industrial Media Converter

IMC-GB-SFP-2T



Dual Port 10/100/100Mbps Copper to Fibre Media Converter

The IMC-GB-SFP-2T is an industrial Gigabit Ethernet Media Converter, which supports 2 x 10Base-T, 100-Base-TX and 1000Base-TX ports and 1 x 1000Base SX port, via an SFP.

It supports LFP (Link Fault Pass Through) making it easy to check network status.

The IMC-GB-SFP-2T is constructed using a high strength metal housing which conforms to IP40, and uses a 12 vdc to 48vdc power source.

The IMC-GB-SFP-2T operates from -40°C ~ +75°C



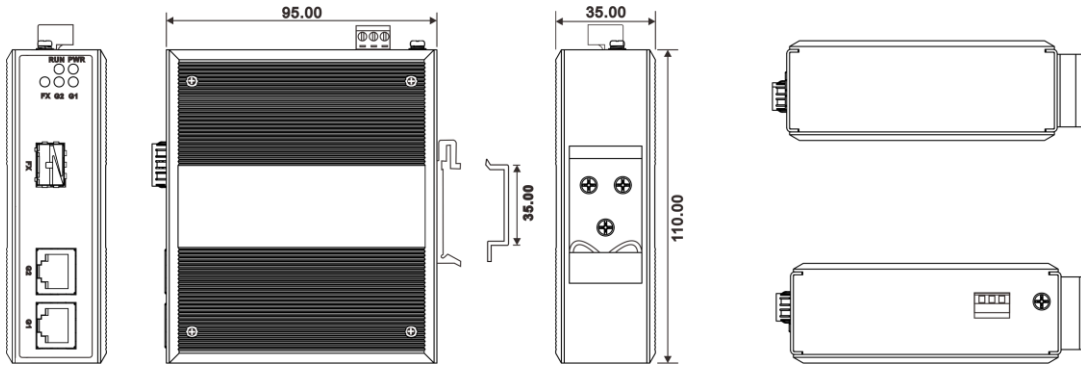
Key Features

- ✓ IEEE 802.3 / 802.3u / 802.3x / 802.3z store and forward
- ✓ Supports 2 x 10-BaseT / 100-Base-TX / 1000-Base-TX and 1 x 1000Base-SX SFP Port
- ✓ Ethernet port supports 10/100/1000Mbps auto rate detection
- ✓ Support for LFP (Link Fault Pass Through)
- ✓ DC 12 to 48v power source
- ✓ IP 40 Housing Protection

FACT SHEET

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SPECIFICATIONS

Protocols	Standards:IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z; Flow control:IEEE802.3x, backpressure controls.
Interfaces	Gigabit Ethernet port: ...2 x 10Base-T/100Base-TX/1000Base-TX Self-adaption; Gigabit fibre port:1 x 1000Base-X SFP.
Transmission	Twisted pair:100M (Standard CAT5/CAT5e cable) Multi-mode fibre:1310nm, 550m Single mode fibre:1310nm, 20/40/60Km Single mode fibre:1550nm, 20/40/60/80/100/120Km
Performance	100Mbps forwarding rate:148810 pps 1000Mbps forwarding rate:1488100 pps Transmission:Store and forward Memory:1 Mbit MAC Addresses:1K
Power Supply	Power input:24VDC(12~48VDC) Terminal block:3 bits 7.62mm terminal block No-load power consumption:1.512W 24VDC Full-load power consumption:1.800W 24VDC Support for reverse connection protection
Mechanical	Housing:IP40, high strength iron shell; Installation:DIN-Rail; Weight:346.6g Dimensions (W×H×D) :110mm×35mm×95mm
Environmental	Operating and Storage Temperature:-40°C ~ +75°C Ambient Relative Humidity:10% to 95% Non-Condensing
Standards	EMI:FCC Part 15, CISPR (EN55022) class A EMS:EN61000-4-2 (ESD), Level 1 EMSEN61000-4-4 (EFT), Level 4 EMSEN61000-4-5 (Surge), Level 3 Housing:IEC 60068-2-27
Certification	CE, FCC, RoHS and PAL