

IT-IMC-101GT

Industrial Gigabit Ethernet Media Converter

Features

1. Support 1 10Base-T/100Base-TX/1000 Base-TX port and 1 1000Base-X SFP port.
2. Support IEEE802.3/802.3u/802.3x/802.3z store and forward.
3. Ethernet port support 10/100/1000M self-adaption.
4. Support LFP (Link Fault Pass-Through).
5. DC12~48V power input.
6. IP40 protect grade, high strength iron shell, DIN Rail installation.



Introduction

IT-IMC-101GT is a kind of industrial gigabit media converter, it support 1 10Base-T/100Base-TX/1000 Base-TX port and 1 1000Base-X SFP port. It support LFP function, it is easy to check the network connection status,, it also support CE,FCC standard,

IT-IMC-101GT adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input(12V~48VDC), -40 to 85°C working temperature.

Specifications

Technology:

Standard: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z

Flow control: IEEE802.3x, back pressure control

Interfaces:

Gigabit Ethernet port:

10Base-T/100Base-TX/1000Base-TX Self-adaption

Gigabit fiber port: 1000Base-X SFP

Transmission:

Twisted pair: 100M (Standard CAT5/CAT5e cable)

Multi mode fiber: 1310nm, 2Km

Single mode fiber: 1310nm, 20/40/60Km

1550nm, 20/40/60/80/100/120Km

Exchange of attributes:

100M forward speed: 148810pps

1000M forward speed: 1488100pps

Transmission: Store and forward

Memory: 1Mbits

MAC address: 1K

Indicator:

System: RUN

Ethernet port: G1 LINK

Fiber port: G2 LINK

Remote Ethernet port alarm: G1 LFP

Remote Fiber port alarm: G2 LFP

Power supply:

Power input: 24VDC (12~48VDC)

Terminal block: 3 bits 7.62mm terminal block

No-load power consumption: 1.392W@24VDC

Full-load power consumption: 1.656W@24VDC

Support reverse connection protection

Mechanical:

Shell: IP40, high strength iron shell.

Installation: DIN Rail

Weight: 346.6g

Dimension (W×H×D): 110mm×35mm×95mm

Environmental:

Operating Temperature: -40 to 85°C

Storage Temperature: -45°C to 85°C

Ambient Relative Humidity:

10 to 95% (non-condensing)

Standards:

EMI: FCC Part 15, CISPR (EN55022) class A

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 3

Shell: IEC 60068-2-27

Warranty:

Warranty time: 5 years

EMS: EN61000-4-2 (ESD), Level 1

Certifications:

CE, FCC, RoHS, PAL, UL508 (pending)

Packing List

1. Industrial Media Converter IT-IMC-101GT series (plus terminal block) ×1
2. User manual ×1
3. DIN-Rail fittings ×1

Dimensions

Unit (mm)

