

## IMC102GT

### Features

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

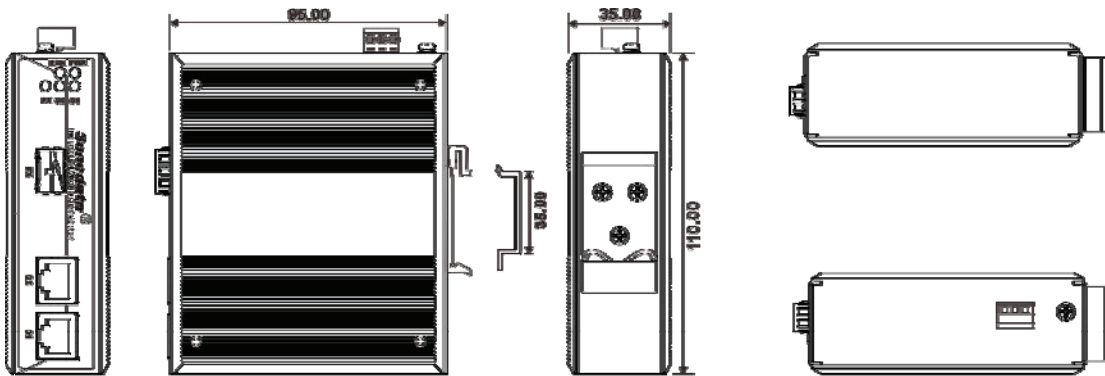


### Introduction

IMC102GT is a kind of industrial gigabit media converter, it support 2 10Base-T/100Base-TX/1000 Base-TX port and 1 1000Base-X SFP port. It is easy to check the network connection status, It also support CE,FCC standard, IMC102GT adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input(12V ~ 48VDC), -40 to 85°C working temperature.

### Dimension and appearance

Unit (mm)



### Specification

**Technology:**

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

Flow control: IEEE802.3x, back pressure control

**Interface:**

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, 550m  
Single mode fiber: 1310nm, 20/40/60Km  
1550nm,20/40/60/80/100/120Km

**Exchange of attribute:**

100M forward speed: 148810pps  
1000M forward speed: 1488100pps  
Transmission: Store and forward  
Memory: 1Mbits  
MAC address: 1K

**Indicator:**

System: RUN  
Ethernet port: G1 G2 LINK  
Fiber port: FX

**Power supply:**

Power input: 24VDC(12~48VDC)  
Terminal block: 3 bits 7.62mm terminal block  
No-load power consumption:  
1.056W@24VDC  
Full-load power consumption:  
3.792W@24VDC

Support reverse connection protection

**Mechanical:**

Shell: IP40, high strength iron shell.  
Installation: DIN Rail  
Weight: 356g  
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)

**Standard:**

EMI: FCC Part 15, CISPR (EN55022) class A  
EMS: EN61000-4-2 (ESD), Level 1  
EN61000-4-4 (EFT), Level 4  
EN61000-4-5 (Surge), Level 3  
Shell: IEC 60068-2-27

**Warranty:**

Warranty time: 5 years

**Certification:**

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

