

# IMC102GT

2-port 10/100/1000M Ethernet+ 1-port Gigabit (SFP slot)

Industrial Media Converter

## Features

- Support IEEE802.3, IEEE802.3u, IEEE802.3z/ab
- Support 2-port 10/100/1000M Ethernet and 1-port Gigabit SFP slot
- Store and Forward switching process type
- RJ45 Ethernet port support 10/100/1000M self-adaption
- Support DC12~48V power supply, no polarity
- Industrial grade 4 design, -40-75°C work temperature
- IP40 protection grade, metal shell
- DIN-Rail mounting, no fan deign



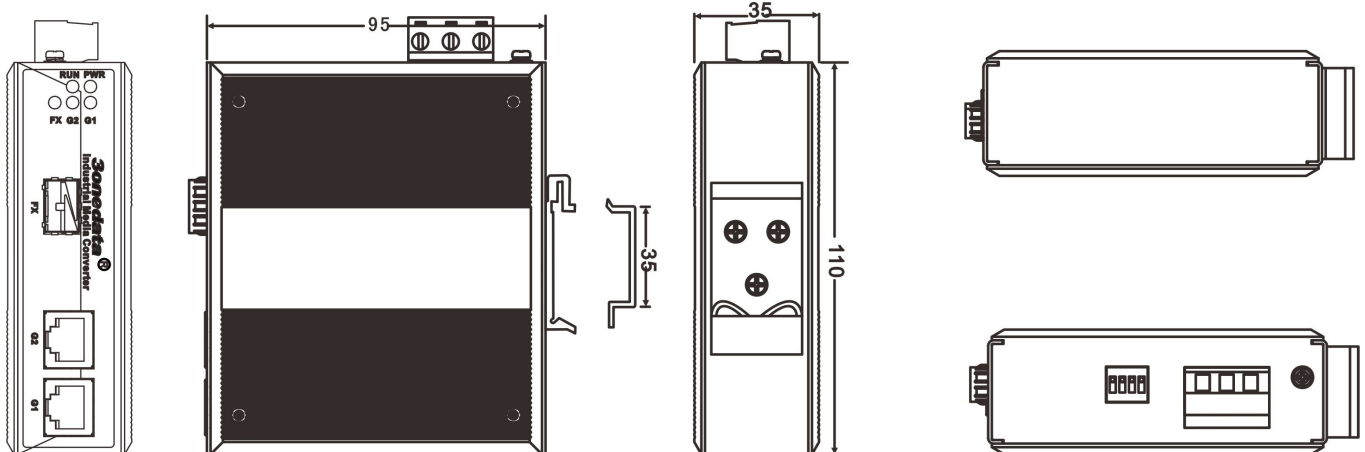
## Introduction

IMC102GT is a kind of industrial media converter, it support 2 10Base-T/100Base-TX/1000Base-TX port and 1 Gigabit SFP slot. Product complies with FCC and CE standards, in line with the industrial design requirements, IP40 protection, rugged high-strength

metal case, power supply input(12V~48VDC). Working temperature range of -40~75°C to be able to meet the requirements of all kinds of industrial field, provide an economical solution for your Ethernet connections.

## Dimension

Unit (mm)





## Specification

### Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3z/ab

### Exchange attribute

100M forward speed: 148810pps

100M maximum filter speed: 148810pps

Transmit mode: store and forward

MAC address table: 374

Memory: 1M

### Interface

Gigabit Ethernet port: 10Base-T / 100Base-TX /1000Base-TX  
self-adaption (RJ45)

Gigabit Fiber port: 1000Base-FX (SFP slot)

### Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)

Multi-mode: 1310nm, 2/5Km

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

1550nm, 80/100/120Km

### LED indicator

Power supply indicator: PWR

RJ45 Link/Act indicator: G1, G2

Optic fiber Link/Act indicator: FX

System running indicator: RUN

### Power supply

Input Voltage: 24VDV (12~48VDC)

Type of input: 3 bits terminal block

Support reverse connection protection

### Consumption

No-load consumption: 1.18W@24VDC

Full-load consumption: 3.19W@24VDC

### Working environment

Working temperature: -40~75℃

Storage temperature: -40~85℃

Relative Humidity: 5%~95 % (no condensation)

### Mechanical Structure

Shell: IP40 protect grade, metal shell

Installation: DIN-Rail mounts

Size (W×H×D): 110mm×35mm×95mm

### Industry Standard

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

EMS: EN61000-4-2 (ESD), Leve 4

EN61000-4-4 (EFT), Level 1

Shell: IEC 60068-2-27

### Certification

CE, FCC, RoHS, UL508 (Pending)

**Warranty:** 5 years

## Packing List

1. Industrial Media Converter IMC102GT (plus terminal block) ×1
2. User manual × 1
3. Certificate of quality × 1
4. Warranty card × 1