



## Industrial Ethernet Switch

## IMC102G-GS

### ◆ 2-port 10/100/1000M Ethernet + 1-port Gigabit SFP Din-Rail Unmanaged

#### ➤ Features

- Support 2 Gigabit RJ45 ports+ 1 Gigabit SFP port;
- Start working once connected, quick and convenient;
- Support indicator lights for states display;
- Support industrial grade power supply;
- Support power-down status relay alarm output;
- Wide temperature range design ,fanless thermal design;
- Satisfy harsh industrial environment;
- IP40 protection, aluminium alloy shell;



#### ➤ Introduction

IMC102G-GS is an unmanaged Industrial Ethernet switch with high performance, high cost-effective. It provided 2 Gigabit RJ45 ports + 1 Gigabit SFP port

It supports auto flow control, full/half duplex mode and MDI/MDI-X self-adaption. It built in standard industry design, all components are based on Industry grade, no fan, low consumption, can satisfied some kinds of requirements of industry field, to achieve high reliability.

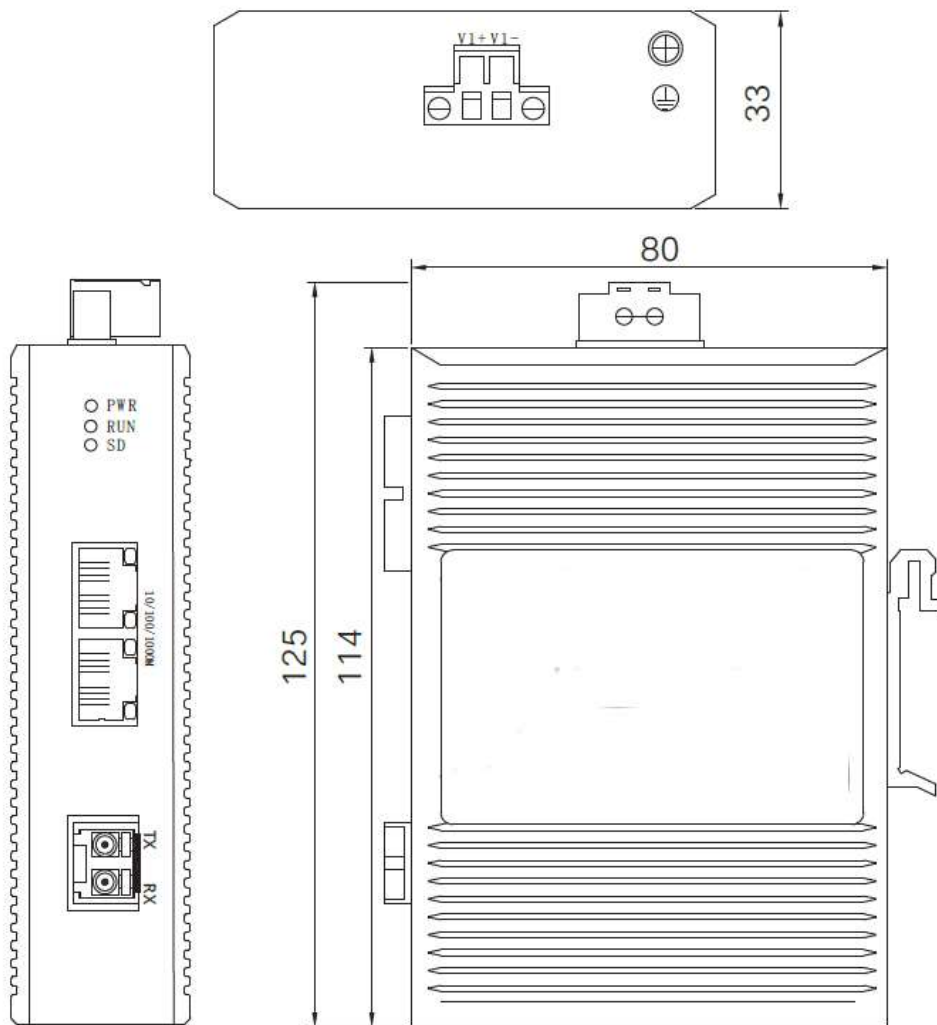
#### ➤ Application Industries

- HD monitor transmission and power supply
- Wireless AP layout transmission and power supply
- Network telephone transmission , intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Security protection system, TV medical treatment
- Long-distance Multi-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com project

## ➤ Specification

<b>Technology</b>	
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Flow control	IEEE802.3x, back pressure
Interface	
Electric port	10Base-T/100/1000Base-TX auto speed control Half/full duplex and MDI/MDI-X auto detection
1000M fiber port	1000Base-FX (SFP port)
Transfer distance	
Twisted cable	100M (standard CAT5/CAT5e cable)
Multi mode fiber	1310nm, 2Km
Single mode fiber	1310nm, 20/40/60Km, 1550nm, 60/80/100/120Km
Exchange attribute	
100M forward speed	148810pps
1000M forward speed	1488100pps
100M maximum filter speed	148810pps
1000M maximum filter speed	1488100pps
Transmit mode	store and forward
Switch Delay	<5 μs
Switch Bandwidth	6Gbps
MAC Table Size	1K
LED indicator	
Running status indicator	RUN
Power	PWR
Interface lights	Link/ACT, Speed (TX), Link/ACT( FX)
<b>Power supply</b>	
Input voltage	DC12~48V AC/DC220V (85-264VAC/110-370VDC)
Input method	terminal block
Power Consumption	3.7w (MAX)
Mechanical Structure:	
Shell	IP40 protection, aluminium alloy shell
Installation	3.5-inch din-rail mounting
Size (W×H×D)	114mm×80mm×33mm
Weight	1kg
Working temperature	-40~85°C
Storage temperature	-40~85°C
Relative Humidity	5%~95% (no condensation)
Standard	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), Level 4
Shock	IEC 60068-2-27
Free fall	IEC 60068-2-32
Shake	IEC 60068-2-6
Certification	CE, FCC, RoHS, UL508(Pending)
Warranty time	5 years

## ➤ Dimension



## ➤ Ordering Information

Model NO.	Description
IMC102G-GS	2-port 10/100/1000M Base-T(X)+1-port Gigabit SFP, DC12-48V
IMC102G-GS	2-port 10/100/1000M Base-T(X)+1-port Gigabit SFP,AC/DC220V

## ➤ Packing List

- Industrial Media Converter ×1
- User manual x 1
- Certificate of quality x 1
- Warranty card x 1