

IGMC-1011GF/1011GP

>> Industrial Slim Type Gigabit Ethernet media converter

- Supports auto-negotiation and auto-MDI/MDI-X in 10/100/1000 Base-T(X) ports
- Support 1000Base-X Fiber or SFP port
- Redundant power input with reverse power protection

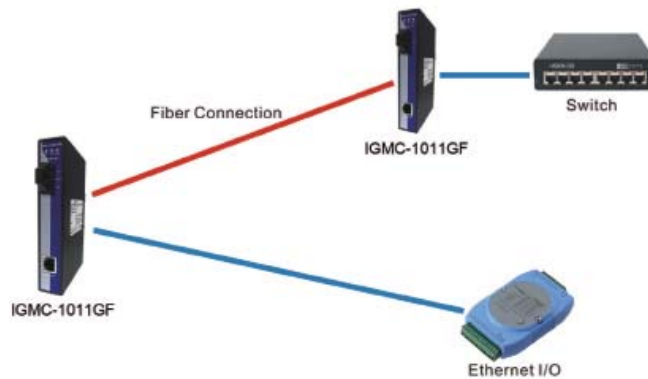


> Features

- Supports 1 ports 10/100/1000Base-T(X) auto-negotiation and auto-MDI/MDI-X
- Supports 1 port 1000Base-X multi-mode/single-mode or SFP port
- Wide operating temperature range from -10 °C to 60°C
- Relay output to carry capacity of 1A at 24 VDC
- Rigid IP-30 housing design
- DIN-Rail and panel mounting enabled

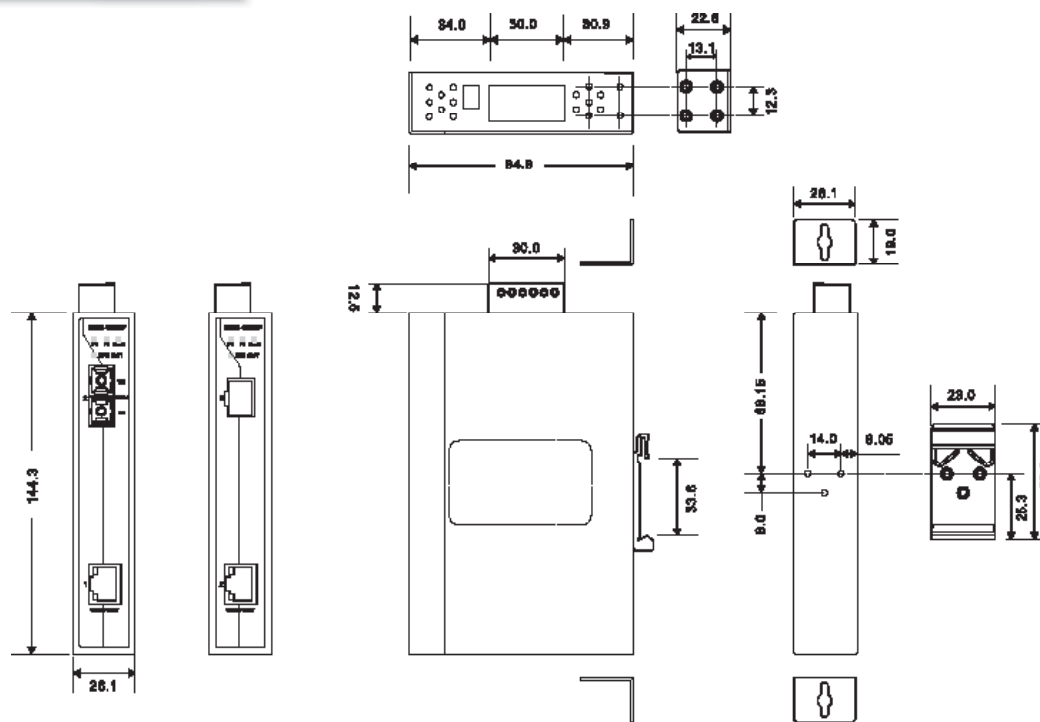
> Introduction

IGMC-1011GF/IGMC-1011GP are industrial gigabit media converters provide media conversion between 10/100/1000Base-T(X) and 1000Base-X. IGMC-1011GF/IGMC-1011GP series are rigid IP-30 housing design and supporting an operating temperature of -10 to 60°C. Therefore, the IGMC-1011GF/IGMC-1011GP is reliable media converter and can satisfy most demand of operating environment.



Connections of Media Converter

> Dimension



(Unit=mm)

> Specifications

ORing Media Converter Model	IGMC-1011GF-MM	IGMC-1011GF-SS	IGMC-1011GP
Physical Ports			
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	1	1	1
100Base-FX Multi-mode ports (550M, 850nm, SC connector)	1	-	-
100Base-FX Single-mode ports (10KM, 1310nm, SC connector)	-	1	-
1000Base-X SFP port	-	-	1
Technology			
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-T(X) and 100Base-FX IEEE 802.3ab for 1000Base-T IEEE802.3z for 1000Base-X		
LED Indicators			
Power / Indicator	Green : Power LED x 2		
Fault Indicator	Yellow : Indicate power failure		
10/100/1000TX RJ45 Port Indicator	Green for port Link/Act. Yellow for duplex		
1000X Port Indicator	Green for port Link/Act		
Fault contact			
Relay	Relay output to carry capacity of 1A at 24 VDC		
Dip Switch	Relay output function enable / disable by dip switch		

Power			
Input Power	Dual 12~ 48 VDC voltage power inputs in 6-pin terminal block		
Power Consumption (Typ.)	3.5 Watts		
Overload Current Protection	Present		
Reverse Polarity Protection	Present on terminal block		
Physical Characteristic			
Enclosure	IP-30		
Dimension (W x D x H)	33 (W) x 95 (D) x 144.3 (H) mm		
Weight (g)	400 g	400 g	380g
Environmental			
Storage Temperature	-40 to 85°C (-40 to 185°F)		
Operating Temperature	-10 to 60°C (14 to 140°F)		
Operating Humidity	5% to 95% Non-condensing		
Regulatory approvals			
EMI	FCC Part 15, CISPR (EN55022) class A		
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11		
Shock	IEC60068-2-27		
Free Fall	IEC60068-2-32		
Vibration	IEC60068-2-6		
Safety	EN60950		
Warranty	5 years		

> Ordering Information

IGMC-1 **AA** **B** **CC** - **DD** - **EE**

Code Definition	10/100/1000TX Port Numbe	1000X Fiber Port Number	Fiber Port Type	Fiber Optical Mode	Fiber Optical Connector
Option	- 01 : 1 port	- 1 : 1 port	- GF : 1000X Fiber - GP : 1000X SFP	- MM : Multi-mode - SS : Single-mode	- SC : SC connector

	Model Name	Description	Operating Temperature
Available Model	IGMC-1011GF-MM-SC	Industrial media converter with 1x 10/100/1000TX & 1x 1000X, multi-mode	Regular model (-10 to 60°C)
	IGMC-1011GF-SS-SC	Industrial media converter with 1x 10/100/1000TX & 1x 1000X, single-mode	
	IGMC-1011GP	Industrial media converter with 1x 10/100/1000TX & 1x 1000X SFP	