

ITGMC-111GP+



ITGMC-111GP+

Industrial Gigabit Ethernet to fiber media converter with 1G/10GBase-T and 1x1G/10GBase-X, SFP+ socket

Features

- Support 1 port 1G/10GBase-T auto-negotiation and auto-MDI/MDI-X copper port
- Support 1 port 1G/10GBase-X SFP+ fiber port
- Support Jumbo Frame up to 10K Bytes
- Relay output to carry capacity of 1A at 24 VDC for warning system
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled

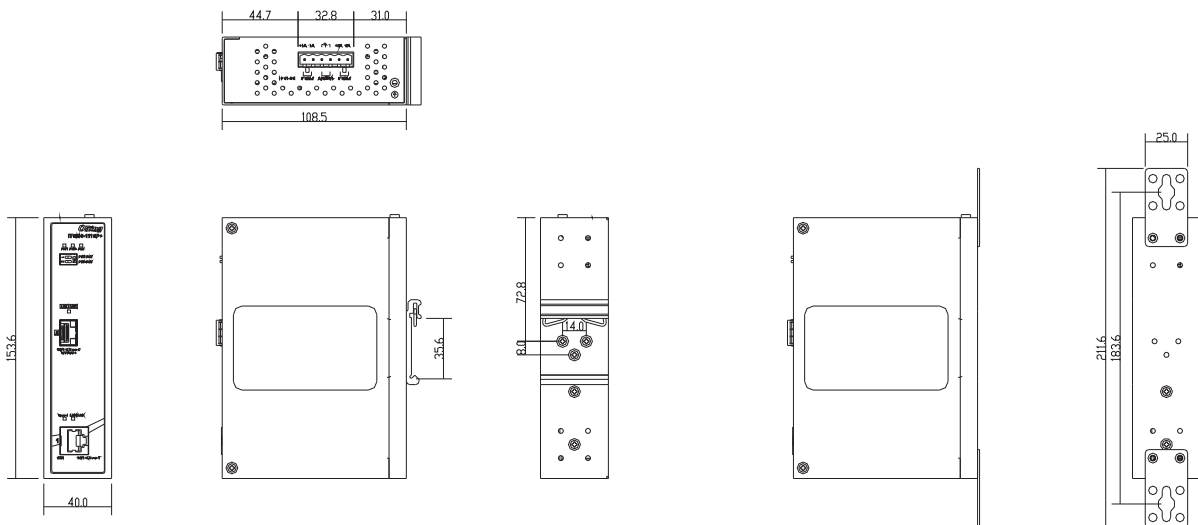


Introduction

The ITGMC-111GP+ is a cost-effective solution for the interface conversion between 1G/10GBase-T and 1G/10GBase-X SFP+ socket. It allows you to extend communication distance of Gigabit copper port with optical fiber. ITGMC-111GP+ supports MDI/MDIX auto detection, so you don't need to use crossover wires.

The ITGMC-111GP+ is designed with wide operating temperature range from -20 ~ 60°C and accepts a wide voltage range from dual 12~48 VDC power inputs, so it is suitable for harsh operating environments. Therefore, the ITGMC-111GP+ is the reliable media converter and can satisfy most demand of operating environment.

Dimensions



(Unit=mm)

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

Industrial Wireless Access Point

Industrial Cellular VPN Router

Industrial M2M Gateway

Accessories

Network Management Software

Specifications

ORing 10G Media Converter Model	ITGMC-111GP+
Physical Ports	
1G/10GBase-T in RJ45 Auto MDI/MDIX	1
1G/10GBase-X SFP+ port	1*NOTE1
Technology	
Ethernet Standards	IEEE 802.3ae for 10Gigabit Ethernet IEEE 802.3an for 10GBase-T IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X
Jumbo Frame	10K
LED Indicators	
Power Indicator	Green : Power LED x 2
1G/10GBase-X SFP+ Port Indicator	Green for port Link/Act
1G/10GBase-T RJ45 port Indicator	Green for Link/Act Dual color LED for speed – Green for 10Gbps, Amber for 1Gbps
Relay Indicator	Amber LED – ON: Relay activated(closed) / OFF: Relay de-activated(opened)
Fault Contact	
Relay	Relay output to carry capacity of 1A at 24 VDC
Power	
Input Power	Dual 12 ~ 48 VDC voltage power inputs in 6-pin terminal block
Power Consumption (Typ.)	8.6W
Overload Current Protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	40 (W) x 108 (D) x 154 (H) mm
Weight (g)	437g
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-20 to 60°C (-4 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
MTBF(mean time between failures)	
Time	944763.5677 hrs
Warranty	5 years

*Note1: 10GBase-T must use shielding twisted pair cable of Cat6a or above.