

8105GMA

Rugged Industrial Media Converter, 10/100/1000Base-TX to 100/1000Base-X



- Low power consumption
- Auto-negotiation supported
- Auto-MDI/MDIX on copper port
- Plug and play
- Hot Swappable
- Layer 2 line switching fabric
- Link fault pass through (LFP)
- -40 °C ~ 75°C operating temperature

Description

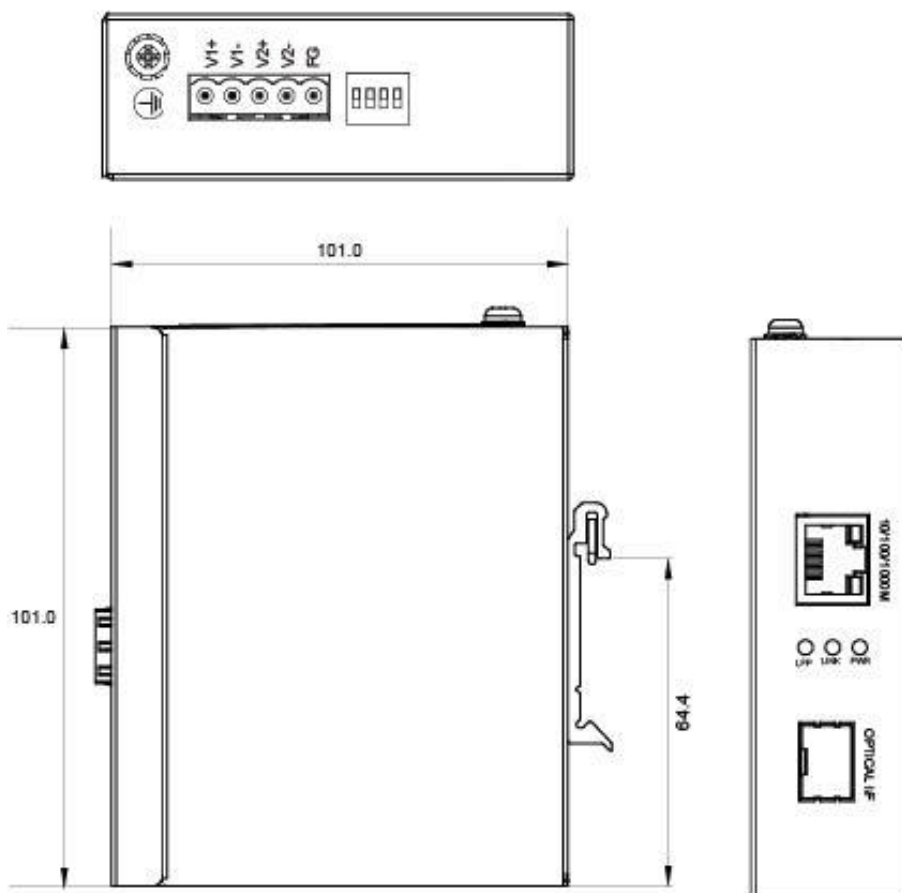
The 8105GMA is a 10/100/1000Base-T to 100/1000Base-X non-managed media converter that enables you to extend your network to longer distances. With high performance, 8105GMA not only increases the speed of your network server, but also make a steady network communication. Generally, 8105GMA is a reliable solution for your network.

Specifications

Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX/100Base-FX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE802.3x traffic and back pressure		
LAN	10/100/1000Base-TX		
Jumbo Frame Size	10Kbytes		
Transmission Distance	Ethernet	100m	
	Fiber	SFP	Depends on the SFP selection
Transmission Speed	Ethernet	10/100/1000Mbps	
	Fiber	100/1000Mbps	
Auto MDI/MDIX	Yes (automatic detection of straight or crossover twisted pair cables)		
Connectors	1 x RJ-45 socket 1 x SFP slot		
LED Indicators	Power: PWR Fiber: LINK Link Fault Pass Through: LFP Ethernet: RJ-45's indicator		
DIP Switch	Fiber Speed 100/1000M Adjustment Jumbo Frame Optical Auto-Negotiation Link Fault Pass Through		
Power Input	Unit accepts 9 to 48VDC (External power supply)		
Power Consumption	3.5W		
Dimensions (W x D x H)	101 x 101 x 32 mm		
Weight	370g		
Enclosure	Metal shell		

Installation	Din-rail / wall-mounted
Power Reverse	Support
Overload Current	Support
Operating temperature	-40 °C ~ 75°C
Storage temperature	-40 °C ~ 85°C
Operating humidity	5 ~ 95% (non-condensing)
Storage humidity	0 ~ 95% (non-condensing)
MTBF	>50000 Hours
Safety	EN60950-1, IEC60950-1
Certification Compliance	CE, FCC
EMC	EN61000-4-5
RoHS	Yes

Dimension Diagram (Unit: mm)



Ordering Information

Model Name	Description
8105GMA-SFP	Industrial Media Converter, 10/100/1000Base-TX to 100/1000Base-X, 1G SFP Slot, SFP excluded.

Industrial SFP Transceiver

Model Name	Description
SFP-GE-SX-I-GEN	SFP 1.25Gbps, 850nm, 550M, -40~85°C, MMF, Duplex LC connector
SFP-GE-LX-I-GEN	SFP 1.25Gbps, 1310nm, 10km, -40~80°C, Single Mode, Duplex LC connector

Package Content

- 8105GMA Media Converter
- Din Rail Kit
- Quick Instruction Manual

For More Information:

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