IM-0101X

Industrial 10G Media Converter

- 1x 10GBASE-T Copper Ethernet port
- 1x 10G SFP+ Slot, support either Multi-Mode or Single-Mode
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail Mounting, Optional Wall Mounting

Specifications

Technology

Standards	IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3ae 10GBase over Fiber IEEE 802.3x Flow Control
Processing Type	Store and forward

Interface

RJ45 Port	1x 100M/1G/2.5G/5G/10GT(x), auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	1x 10G SFP+ Slot
LED Indicators	Per unit: PWR1, PWR2 Port: TP – Link/Act (Green) Fiber – Link (Green)

Power Requirements

Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 4-contact terminal block
Power Consumption	0.17A@54VDC without PD load
Protection	Overload Current Protected, Reverse Polarity Protected

Mechanical Construction

Enclosure	SECC
Protection Class	IP30
Dimensions	29x140x98 mm (WxHxD)
Weight	0.5 kg
Mounting	DIN-Rail Mounting

Environmental Limits

Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6

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Green	RoHS Compliant		MTBF	>100,000 hours
Certifications	IEC 61000-6-2 IEC 61000-6-4		**Warranty**	5 Years

Features with star(*) implies those are under development.
In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)

28.7

98

140
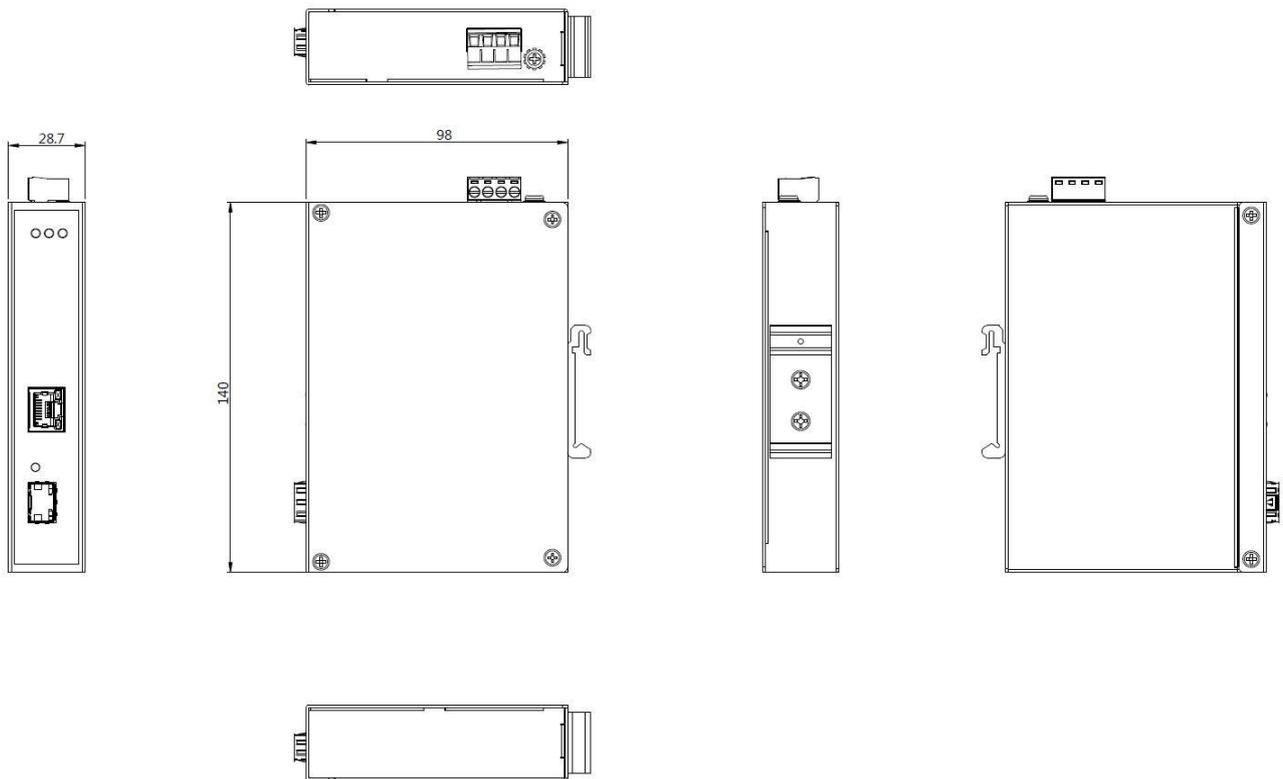
Ordering Information

IM-0101X

Industrial 10G Media Converter
- 1x 100M/1G/2.5G/5G/10GT(x) + 1x 10G-F SFP+ Slot
- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-75-24   75W Industrial DIN-Rail Power Supply, 24VDC (metal case)

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