

MEGU-0201-M Series

Compact Industrial Media Converter

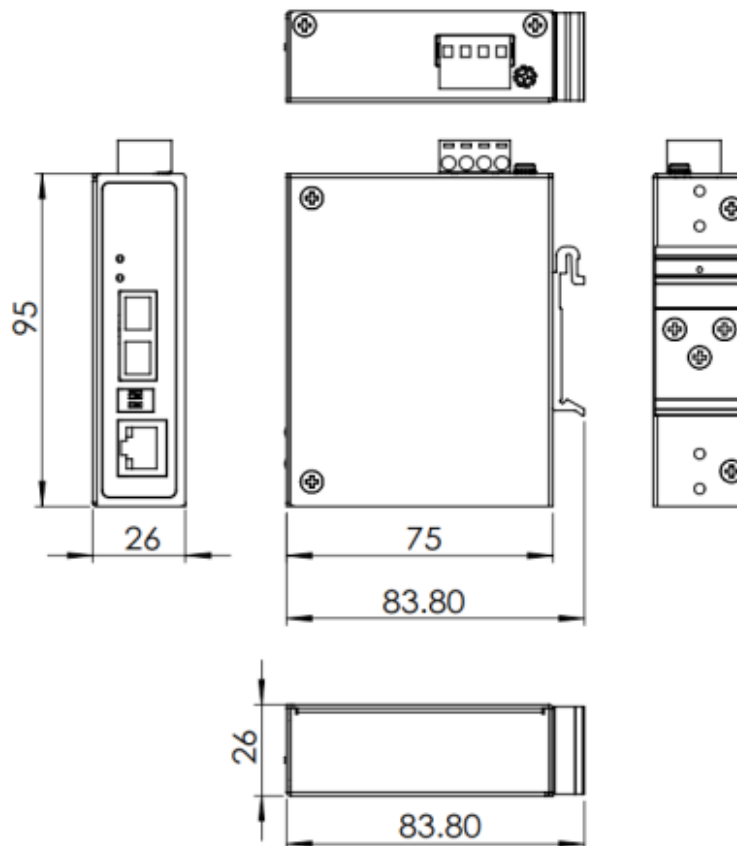
- 1*10/100/1000Tx + 1*1000X, 12-48VDC Power Input



- 1-port 10/100/1000Tx Gigabit Ethernet
- 1-port 1000X SC/ST Connector (Multi/Single-Mode)
- Selectable Link-Fault-Pass Function Support
- Compact Design to Solving Space Constraint Installation
- Redundant Power Input Design, 12-48VDC
- IP30 Rugged Metal Case Design
- Supports DIN-Rail Mounting and Wall Mounting
- Tested at Heavy Industry EMS Level for the Best Electro-Magnetic Susceptibility
- Operating Temperature Range - STD: $-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$, EOT: $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$



Dimensions (unit = mm)



Specifications

Technology

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X Gigabit Fiber
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control

Switch Properties

Memory Buffer	1Mbits
Jumbo Frame	10Kbytes
MAC Table size	8K Mac Addresses

Interface

RJ45 Ports	1*10/100/1000BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Fiber Port	1*1000X SC/ST type connector Multi-mode - 50/125um or 62.5/125um, Single-mode - 9/125um or 10/125um
LED Indicators	Power (PWR): On/Off Fiber Port (GFX): On-Link/Flash-data transmitting Ethernet Ports: On-Link/Flash-data transmitting
Wavelength	Depends on Fixed Fiber modules

Power Requirements

Input Voltage	12-48VDC, Redundant Inputs
Overload Current Protection	Present (Slow-Blow Fuse)
Power Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Present
Power Consumption	2.2 W

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions (W x H x D)	26 x 95 x 75 mm (W x H x D)
Weight	Unit Weight: 0.27kg, Shipping Weight: 0.39kg
Mounting	DIN-Rail Mounting, Wall Mounting

Environmental Limits

Operating Temperature	STD: -10°C ~ 70°C (14°F ~ 158°F); EOT: -40°C ~ 80°C (-40°C ~ 176°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A, CE EN 55032 Class A, EN 61000-6-4 Class A CE EN 55024 Class A, EN 61000-6-2 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
Green	RoHS Compliant
Compliance	NEMA TS2 (ITS) – EoT version
Warranty	5 Years

NOTE: Due to continuous improvement, all product specifications are subject to change without further notice.

Ordering Information

MEGU-0201-M	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Multi-mode, 550m/850nm)
MEGU-0201-M-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Multi-mode, 550m/850nm), Extended Oper. Temp.: -40°C to 80°C
MEGU-0201-ST	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Multi-mode, 550m/850nm)
MEGU-0201-ST-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Multi-mode, 550m/850nm), Ext. Oper. Temp.: -40°C to 80°C
MEGU-0201-S1	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 10km/1310nm)
MEGU-0201-S1-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 10km/1310nm), Ext. Oper. Temp.: -40°C to 80°C
MEGU-0201-STS1	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Single-mode, 10km/1310nm)
MEGU-0201-STS1-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (ST Connector, Single-mode, 10km/1310nm), Ext. Oper. Temp.: -40°C to 80°C
MEGU-0201-S4	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 40km/1310nm)
MEGU-0201-S4-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 40km/1310nm), Ext. Oper. Temp.: -40°C to 80°C
MEGU-0201-S6	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 60km/1550nm)
MEGU-0201-S6-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (SC Connector, Single-mode, 60km/1550nm), Ext. Oper. Temp.: -40°C to 80°C
MEGU-0201-BAS1	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1310nm/RX1550nm)
MEGU-0201-BAS1-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1310nm/RX1550nm), Extended Oper. Temp.: -40°C to 80°C
MEGU-0201-BBS1	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1550nm/RX1310nm)
MEGU-0201-BBS1-T	Industrial Media Converter - 1*10/100/1000Tx + 1*1000X (Bi-Di, SC Connector, Single-mode, 10km, TX1550nm/RX1310nm), Extended Oper. Temp.: -40°C to 80°C

More optical options upon request