

OGEC-120D

Rugged Industrial Media Converter, Dual 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
- -40 °C ~ 75°C operating temperature

Description

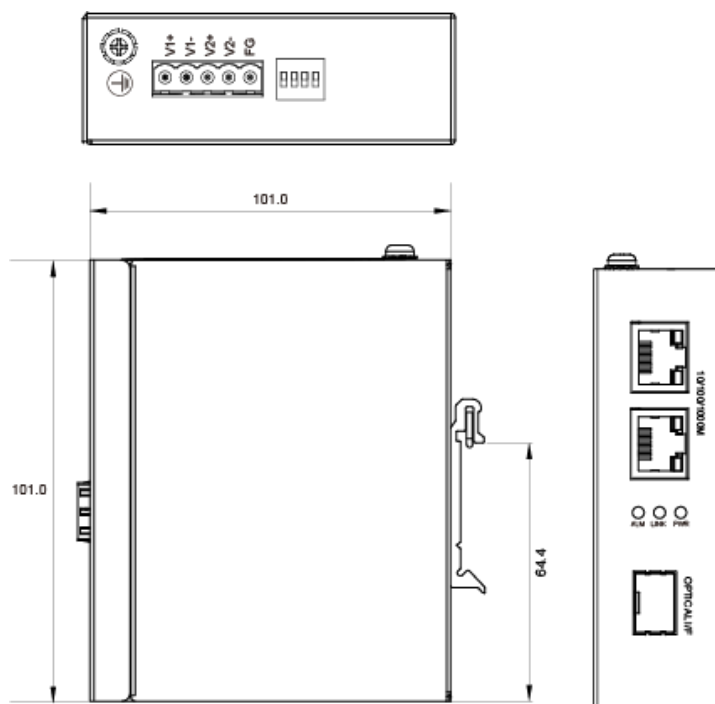
The OGEC-120D is a dual 10/100/1000Base-T to 100/1000Base-X non-managed media converter that enables you to extend your network to longer distances. With full gigabit ports and compact design, OGEC-120D not only increases the speed of your network server, but also make Gigabit to the Din-rail /wall mount a reality. Generally, OGEC-120D is a high-performance 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-T(X)	
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		2 x RJ-45 socket 1 x SFP slot	
LED Indicators		Power: PWR Fiber: LINK ALM Ethernet: RJ-45's indicator	
DIP Switch		Fiber Speed 100/1000M Adjustment Jumbo Frame Optical Auto-Negotiation Alarm Disable	
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		380g	

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
OGEC-120D-SFP	Industrial Media Converter, 2 x 10/100/1000Base-TX to 100/1000Base-FX, 1G SFP Slot, SFP excluded.

Package Content

- OGEC-120D Media Converter
- Din Rail Kit
- Quick Instruction Manual

Accessories (sold separately)

■ Fiber Patch Cord

Model Name	Description
SC-M/SC-M OPTICAL FIBER 3M SM 0dB	3M Single Mode Simplex SC/SC Connector
SC-M/SC-M OPTICAL FIBER 3M MM 0dB	3M Multi-mode Simplex SC/SC Connector
LC-M/LC-M OPTICAL FIBER 3M SM 0dB Duplex	3M Single Mode Duplex LC/LC Connector
LC-M/LC-M OPTICAL FIBER 3M MM 0dB Duplex	3M Multi-mode Duplex LC/LC Connector
LC-M/SC-M OPTICAL FIBER 3M SM 0dB Duplex	3M Single Mode Duplex LC/SC Connector
LC-M/SC-M OPTICAL FIBER 3M MM 0dB Duplex	3M Multi-mode Duplex LC/SC Connector

*Note: There are many types/lengths of fiber patch cords, if there are any specifications not listed, please contact us.

■ Wall Mount Kit

Model Name	Description
WMK-001	Wall Mount Kit for compact OGEC-D series model

■ Industrial SFP Transceiver

Model Name	Description
SFP 1.25G MM-LC-2F-85	SFP 1.25Gbps, 850nm, 500m, 0~70°C, Multi-mode, Duplex LC connector
SFP 1.25G MM-LC-2F-13	SFP 1.25Gbps, 1310nm, 2km, 0~70°C, Multi-mode, Duplex LC connector
SFP 1.25G SM-LC-2F-13-20	SFP 1.25Gbps, 1310nm, 20km, 0~70°C, Single Mode, Duplex LC connector
SFP 1.25G SM-LC-2F-15-40	SFP 1.25Gbps, 1550nm, 40km, 0~70°C, Single Mode, Duplex LC connector
SFP 1.25G SM-LC-2F-15-120	SFP 1.25Gbps, 1550nm, 120m, 0~70°C, Single Mode, Duplex LC connector
SFP 1.25G SM-SC-BIDI-B3	SFP 1.25Gbps, 1310nm/1550nm, 20km, 0~70°C, Single Mode, Bi-di Simplex SC connector
SFP 1.25G SM-SC-BIDI-B5	SFP 1.25Gbps, 1550nm/1310nm, 20km, 0~70°C, Single Mode, Bi-di Simplex SC connector
SFP 1.25G RJ-45	SFP 10/100/1000Base-T UTP, 100m, 0~70°C

For other related product information, please visit the official website: www.hoatech.com.tw

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