

IMC201

Gigabit Industrial Media Converters



Product Description:

The IMC201 Series 1000M Din-Rail Industrial Media Converters enable reliable network extension to remote locations, overcoming the distance limitations of traditional copper cabling.

As one of the industry's most comprehensive Fast Ethernet converter families, the IMC201 Series is organized into four technology groups:

- UTP to Multi-Mode Fiber
- UTP to Single-Mode Fiber
- UTP to WDM Fiber
- UTP to SFP

Available models support flexible media conversion between RJ-45 and various fiber interfaces, including SC, LC, and SFP.

Every IMC201 converter ensures full data integrity and immunity to interference through fiber optic connectivity. Housed in a compact, rugged IP40-rated aluminum enclosure, the series is built for harsh industrial environments and operates reliably across an extended temperature range of -40° C to 75° C.

Product Features:

- Operating Data Rate up to 1000Mbps
- Ethernet RJ45 to multi-mode fiber
- Ethernet RJ45 to single-mode fiber
- Ethernet RJ45 to WDM fiber
- Ethernet RJ45 to SFP
- DIP switches for configuration
- Support LFP (Link Fault Pass through)
- Fiber range - up to 120 kilometers
- Support 3 pin connector
- LED indicators .
- Easy plug-and-play installation.
- IP40 Aluminum case
- CE class A, LVD, FCC, ROHS 2.0

Product Specifications:

Description	
Type	UTP to Multi-mode/Single-mode/WDM/SFP
Connector Types	UTP: RJ45 Fiber: SC/ST/LC
Speed	UTP: 10/100/1000Mbps Fiber: 1000Mbps
Max Range	UTP: 100m Fiber: 550m/20km/40km/60km/80km/100km/120km
Duplex	UTP/Fiber: Full/Half
Flow Control	Full Duplex: 802.3x Half Duplex: Backpressure
Wavelength	850nm/1310nm/1550nm
LED Indicators	Unit: Power UTP: Link/Act, Speed Fiber: Link/Act, FDX/COL
Dimensions	103*75*32mm
Weight	0.5kg
Input voltage	12~57VDC
Ambient Temperature	-40~75℃
Storage Temperature	-45~85℃
Relative Humidity	5%~95% (non-condensing)
Mounting	DIN Rail
Case	IP40
Package List	
Industrial Media Converter	1pcs
User Manual	1pcs
Warranty Card	1pcs

Order Information:

Models	
IMC201-M-SC	10/100/1000Base-TX to 1000Base-FX Multimode Fiber 850nm (SC) Industrial Media Converter. 550m
IMC201-M-ST	10/100/1000Base-TX to 1000Base-FX Multimode Fiber 850nm (ST) Industrial Media Converter. 550m
IMC201-S-SC-20	10/100/1000Base-TX to 1000Base-FX Single Mode Fiber 1310nm (SC) Industrial Media Converter. 20Km
IMC201-S-SC-60	10/100/1000Base-TX to 1000Base-FX Single Mode Fiber 1550nm (SC) Industrial Media Converter. 60Km
IMC201-W-SC-20-A	10/100/1000Base-TX to 1000Base-FX WDM Fiber TX:1310nm RX:1550 (SC) Industrial Media Converter. 20Km

Models	
IMC201-W-SC-20-B	10/100/1000Base-TX to 1000Base-FX WDM Fiber TX:1550nm RX:1310 (SC) Industrial Media Converter. 20Km
IMC201-SFP	10/100/1000Base-T to SFP (Gigabit) Industrial Media Converter