

IMC101

Fast Industrial Media Converters



Product Description:

The IMC101 Series 100M 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 IMC101 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 IMC101 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 100Mbps
- 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: 10/100Mbps Fiber: 100Mbps
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	1kg
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	
IMC101-M-SC	10/100Base-TX to 100Base-FX Multimode Fiber 850nm (SC) Din-Rail Industrial Media Converter. 550m
IMC101-M-ST	10/100Base-TX to 100Base-FX Multimode Fiber 850nm (ST) Din-Rail Industrial Media Converter. 550m
IMC101-S-SC-20	10/100Base-TX to 100Base-FX Single Mode Fiber 1310nm (SC) Din-Rail Industrial Media Converter. 20Km
IMC101-S-SC-60	10/100Base-TX to 100Base-FX Single Mode Fiber 1550nm (SC)Din-Rail Industrial Media Converter. 60Km

Models	
IMC101-W-SC-20-A	10/100Base-TX to 100Base-FX WDM Fiber TX:1310nm RX:1550 (SC) Din-Rail Industrial Media Converter. 20Km
IMC101-W-SC-20-B	10/100Base-TX to 100Base-FX WDM Fiber TX:1550nm RX:1310 (SC) Din-Rail Industrial Media Converter. 20Km
IMC101-SFP	10/100Base-T to SFP (Fast) Din-Rail Industrial Media Converter