

HNT-1401 Series | Industrial Fast Ethernet to Fiber Media Converter



FEATURE HIGHLIGHTS

- Supports Auto MDI/MDI-X and Auto Negotiation
- Supports Multi-mode 2KM, Single-mode 30KM
- Supports Link Fault Pass-Through (LFP)
- Jumbo packets up to 9K bytes
- Operating temperature -10~70°C

DESCRIPTION

The HNT1401 Series Industrial Media Converters provide industrial media conversion between 10/100BaseT(X) and 100BaseFX(SC connector); connection options include multi-mode SC connector (2km), and single-mode SC connector (30km). The HNT1401 Series Media Converter is designed for harsh industrial environments, and complies with FCC/CE standards.

The HNT1401 Series Media Converter also provides auto MDI/MDI-X, Auto Negotiation, and Link Fault Pass-Through (LFP) function and one 5 pin DIP switch to configure the functions, such as the TX_Duplex mode, FX_Duplex mode, Speed mode, LFP, Auto Negotiation.

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SPECIFICATIONS

Technology

Port	1x 10/100BASE-T(X) RJ-45 1x 100BaseFX(SC connector)
Standard	IEEE 802.3 for 10BASE-T IEEE 802.3u for 100BASE-T(X)

Interface

RJ45 Ports	10/100BaseT(X)
Fiber Ports	100BaseFX (SC connector)
LED Indicators	PWR,SPD,TX_LINK/ACT,TX_FDX/COL,FX_LINK/ACT,FX_FDX/COL
DIP Switch	TX Duplex mode, FX Duplex mode, Speed mode, LFP, Auto Negotiation

Power Characteristics

Input Voltage	6-48 VDC
Input Current	0.5A max, 6 VDC
Connection	Removable 3-pin Screw Terminal Block
Reverse Polarity Protection	Present

Physical Characteristics

Housing	Metal, IP30 protection
Dimensions(W x H x D)	32 x 90 x 110 mm (1.26 x 3.54 x 4.33 in)
Weight	510g
Installation	DIN-Rail mounting, wall mounting(optional)

Environmental Limits

Operating Temperature	-10°C ~ 70°C (14°F ~ 158°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 ~ 95% RH, (non-condensing)

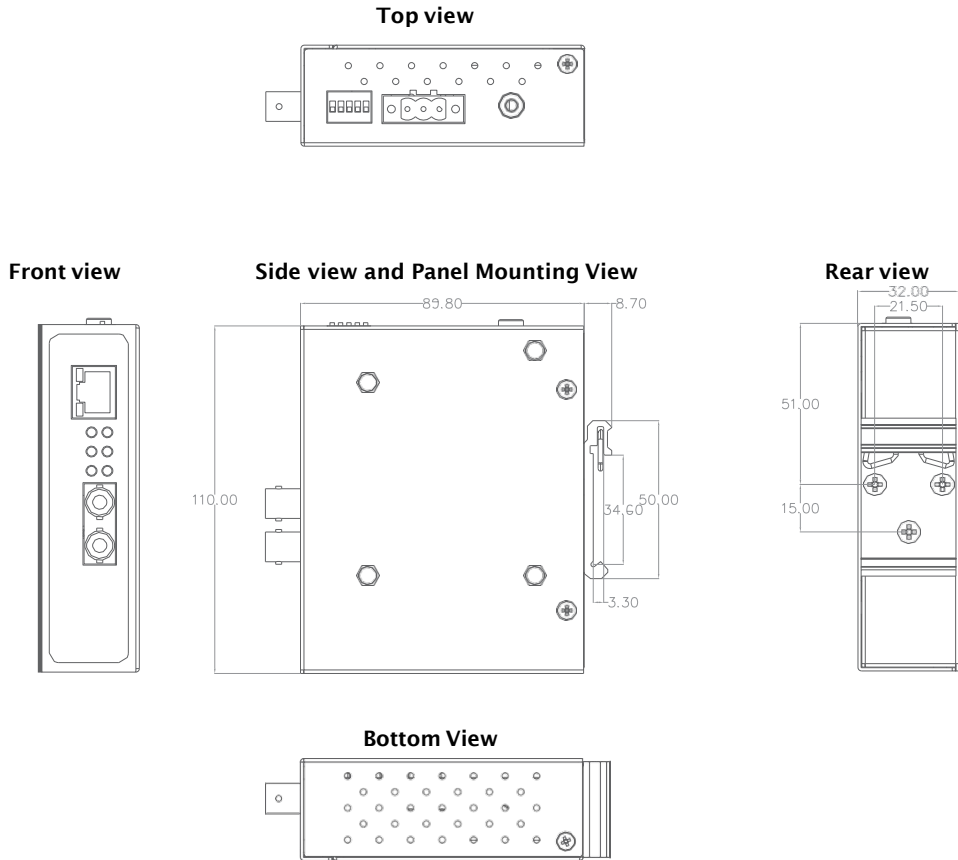
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Approvals

EMI	FCC Part15, CISPR (EN55032) Class A
EMS	EN61000-4-2 (ESD) Level 3, Criteria B / EN61000-4-3 (RS) Level 2, Criteria A EN61000-4-4 (EFT) Level 3, Criteria A / EN61000-4-5 (Surge) Level 3, Criteria B/A EN61000-4-6 (CS) Level 2, Criteria A
Shock	MIL-STD-810F Method 516.5
Drop	MIL-STD-810F Method 516.5
Vibration	MIL-STD-810F Method 514.5 C-1 & C-2
RoHS	Yes
MTBF	823877 hrs (94.04Years) (Data base: MIL-HDBK-217F, GB 25°C)
Warranty Period	5 Year
EMI	FCC Part15, CISPR (EN55032) Class A

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DIMENSIONS



ORDERING INFORMATION

Model name	Description
HNT-1401-1FM-SC-X1	100BaseT(X) to 100BaseFX Media Converter, Multi-mode, SC connector, 2Km
HNT-1401-1FS-SC-X1	100BaseT(X) to 100BaseFX Media Converter, Single-mode, SC connector, 30Km