

HNT-1401GH-1F-T-X2 | Industrial Gigabit PoE++ Media Converter



FEATURE HIGHLIGHTS

- 1 x 10/00/1000 TX Ethernet port with IEEE 802.3bt 90W PoE++
- 1 x 100/1000F(x) SFP Slot, support either Multi-Mode or Single-Mode
- PDM monitoring to keep PD alive
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail mounting

DESCRIPTION

HNT-1401GH-1F-T-X2 is an industrial grade media converter. It supports 1x 10/100/1000TX full gigabit RJ-45 ports with PoE function, IEEE 802.3bt up to 90W, and 1 gigabit SFP port for your industrial applications. It has IP30 metal rugged case and operating wide temperature between -40 and 75 degree C to support your network reliable in extreme and harsh environment.

HNT-1401GH-1F-T-X2 also supports redundant power inputs that can be connected simultaneously to wide-range DC power sources. If one of the power inputs failure, the other live source acts as a backup to provide the HNT-1401GH-1F-T-X2 power needs automatically.

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SPECIFICATIONS

Technology

Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT
	IEEE 802.3z 1000BaseX
	IEEE 802.3x Flow Control
	IEEE 802.3af Power over Ethernet
	IEEE 802.3at PoE+
	IEEE 802.3bt PoE++

Processing Type	Store and forward
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Interface

RJ45 Port	1 x 10/100/1000(x) auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	1 x 100/1000 F(X) SFP slot
DIP Switch	Speed: SFP port with 100M or 1000M Enable: PD alive
PoE Pin Out	V+, V+, V-, V- for pin 3, 6, 1, 2; Endspan, MDI Mode A V+, V+, V-, V-, for pin 7, 8, 4, 5, Endspan, MDI Mode B 4-pair mode for 802.3bt
LED Indicators	Per unit: PWR1, PWR2 Ports: Link/Active(Green) PoE: Output Power (Amber) Fiber - Link (Green)

Power Requirements

Operation Voltage	48-57VDC, redundant dual inputs, >50VDC for PoE+, >52VDC for PoE++ output recommended
Connection	1x removable 4 contact terminal block
Power Consumption	0.07A@54VDC without PD load
Protection	Overload Current Protected, Reverse Polarity Protected

Mechanical Construction

Enclosure	SECC
Protection Class	IP30
Dimensions	29x140x98mm (WxHxD)
Weight	0.6kg
Mounting	DIN-Rail mounting

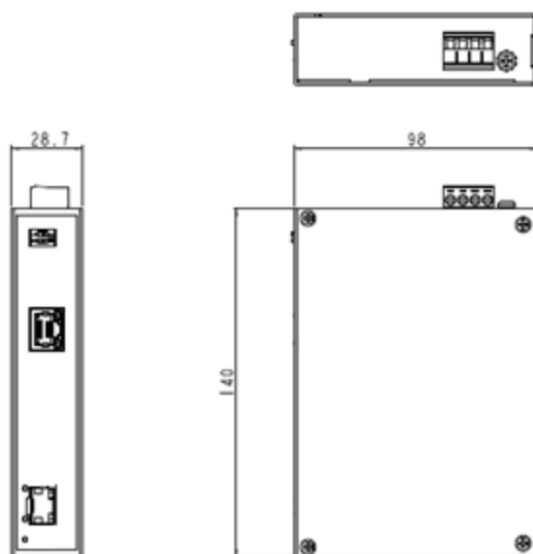
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SPECIFICATIONS

Environmental Limits	
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A
	CE EN 55032 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
MTBF	>100,000 hours
Certifications	IEC61000-6-2
	IEC61000-6-4

DIMENSIONS

Unit: mm



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ORDERING INFORMATION

Model Name	Description
HNT-1401GH-T-X2	- 1x 10/100/1000T(x) with PoE++ - 1x 100/1000FX SFP 48~57VDC, -40~75 degree C