



## FEATURE HIGHLIGHTS

- 2-port 10/100/1000BASE-T RJ45 with auto MDI/MDI-X function
- 2 SFP Port, 100Base-FX or 1000Base-X dual mode (auto detection)
- Supports Link Fault Pass Through
- Supports Full/Half-duplex, Auto-negotiation
- 9K Bytes Jumbo Frame
- 12~48VDC Redundant Power Supply
- Supports DIN-Rail & Wall-mount installation
- Environmentally hardened -40° C to 75° C

## DESCRIPTION

HNT-1402G-2F-T-X6EL series industrial media converters provide industrial media conversion between 10/100/1000 BaseT(X) and 100/1000 Base LC (SFP connector); it is also a din-rail type Ethernet Switch that supports external SFP Modules and meets EN55022 standard. It is a hardened grade product whose operating temperature range is -40° C to +75° C. HNT-1402G-2F-T-X6EL supports 2 ports 10/100/1000Base-T and 2 100/1000Base-X SFP Ports. The Ethernet port supports both half-duplex and full-duplex mode. Users can use different type of SFP modules. SC connectors are also available for multi mode 2KM and Single mode 20KM or 40KM.

## SPECIFICATIONS

<b>Ethernet</b>	
Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX/FX
	IEEE802.3ab 1000Base-T
	IEEE802.3z 1000Base-X
Processing Type:	Store-and-Forward
Forward Filter Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory:	1 Mbit
Max Packet Length:	9K Bytes
Address Table Size	2K MAC Addresses
<b>Interface</b>	
Connector:	2 x RJ45
Optical Port:	2 x SFP 1000Base-X or 100Base-FX (auto detection)
<b>Electrical and Mechanical</b>	
Input Power:	12~48VDC, 4-pin terminal block
Power Consumption:	5W Max.
LED Indicators:	
PWR:	Power Status
RJ45:	LINK/Activity
SFP:	LINK
Dimensions (WxDxH):	95 x 70 x 30 mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
<b>Environmental</b>	
Operating Temperature:	-40° C to 75° C (-40° F to 167° F)
Storage Temperature:	-40° C to 85° C (-40° F to 185° F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs

# HNT-1402G-2F-T-X6EL | Industrial Giga Ethernet to Fiber Media Converter

<b>Regulatory Approvals</b>
ISO9001, CE, FCC, RoHS
EMI: EN55022:2010+AC: 2011, Class A EN 61000-3-2: 2006+A1: 2009+A2: 2009 EN 61000-3-3: 2013 EN55024: 2010
EMS: IEC 61000-4-2: 2008 (ESD) IEC 61000-4-3: 2010 (RS) IEC 61000-4-4: 2012 (EFT) IEC 61000-4-5: 2014 (Surge) IEC 61000-4-6: 2013 (CS) IEC 61000-4-8: 2009 (PFMF)
EMS: IEC 61000-4-2: 2008 (ESD) IEC 61000-4-3: 2010 (RS) IEC 61000-4-4: 2012 (EFT) IEC 61000-4-5: 2014 (Surge) IEC 61000-4-6: 2013 (CS) IEC 61000-4-8: 2009 (PFMF)

## ORDERING INFORMATION

Model name	Description
HNT-1402G-2F-X6R	Industrial Gigabit Ethernet-to-Fiber Media Converter, 2Giga RJ45 to 2Giga SFP
HNT-1402G-2FM-SC-T-X6R	Industrial Gigabit Ethernet-to-Fiber Media Converter, multimode, SC connector, 2KM
HNT-1402G-2SM-SC-T-X6R	Industrial Gigabit Ethernet-to-Fiber Media Converter, single-mode, SC connector, 40KM