Sbjlink
Subject Link

HNT-1401G-1F-X6R | Industrial Gigabit Ethernet Media Converter

FEATURE HIGHLIGHTS

- · 1 Gigabit Ethernet Port and 1 Fiber SFP slot
- · Flexible SFP Fiber transceiver design
- · Redundant Power Input DC12-36V
- · Jumbo packets up to 9K bytes
- · ESD protection: DC6000V
- · Surge protection: DC2000V
- · Operating Temperature : -10°C ~ 70°C

DESCRIPTION

HNT-1401G-1F-X6R Industrial Gigabit Ethernet to Fiber Converter provide media conversion between 10/100/1000 BASE-T(X) and 100/1000 BASE-(F)X SFP Port.

HNT-1401G-1F-X6R is an industrial grade media converter which support ESD protection DC 6000V and surge protection DC 2000V. It has more advanced functions including the fiber speed, fiber auto negotiation, link fail pass-through, jumbo frame, and dual power design to reach the maximum flexibility.

In addition to 100/1000FX fiber port in SFP slot or SC connection version is also available and optional.

SPECIFICATIONS

Technology

Standard	IEEE 802.3 for 10BASE T IEEE 802.3u for 100 BASE-T(X) and 100BASE-FX IEEE 802.3ab for 1000BASE-T(X) IEEE 802.3z for 1000BASE-X IEEE 802.3x flow control
Processing Type	Store and Forward

Interface

RJ45 Ports	10/100/1000Base-T(X) auto negotiation speed
Fiber Ports	100/1000FX SFP Slot
LED Indicators	P1 P2 L1 L2

Power Management

Input Voltage	12-36 VDC redundant
Reverse Polarity Protection	Present

Physical Characteristics

Housing	Metal, IP40 protection
Dimensions(W x H x D)	26mm x 95mm x 70mm
Weight	230g

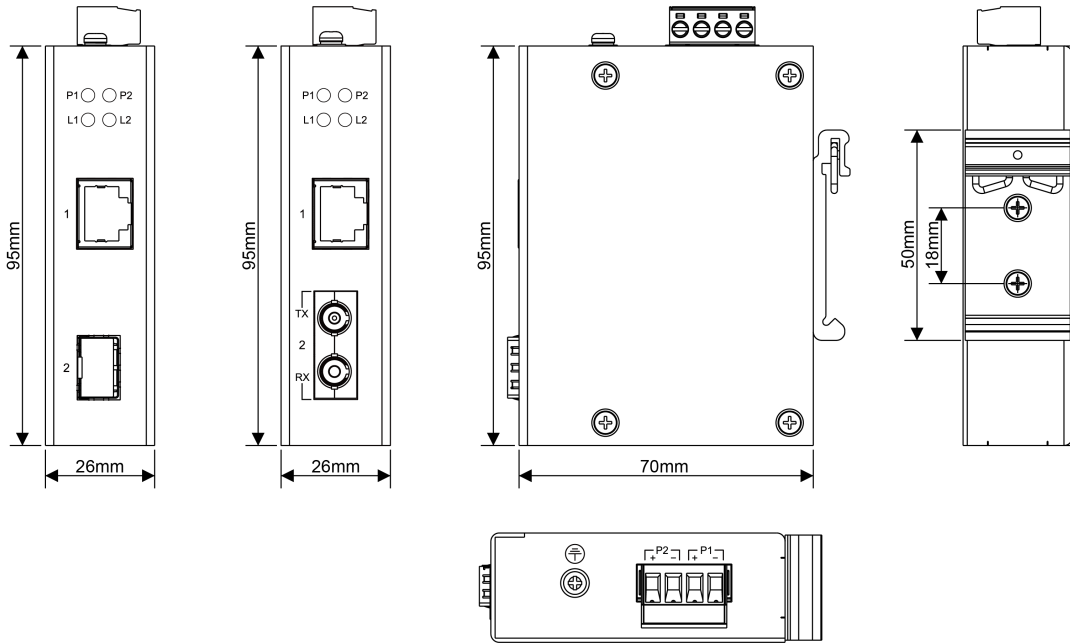### Environmental Limits

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

Approvals

Regulatoy Compliances	FCC Part15, SubpartB, Class A EN55022 EN61000-4-2/EN61000-4-3/EN61000-4-4 EN61000-4-5/EN61000-4-6/EN61000-4-8 IEC60068-2-6/IEC60068-2-27/IEC60068-2-32
MTBF	560,000 hours

DIMENSIONS

ORDERING INFORMATION

Model name	Description
HNT-1401G-1F-X6R	Industrial Gigabit Ethernet-to-Fiber Media Converter, 1Giga RJ45 to 1Giga SFP
HNT-1401G-1FM-SC-X6R	Industrial Gigabit Ethernet-to-Fiber Media Converter, multimode, SC connector, 5KM
HNT-1401G-1SM-SC-X6R	Industrial Gigabit Ethernet-to-Fiber Media Converter, single-mode, SC connector, 40KM