



FEATURE HIGHLIGHTS

- Inject power and Gigabit Ethernet data to PoE P.D. equipment
- IEEE 802.3af/at compliant PoE, Max. PoE power budget 30W
- Provided power booster technologies for low voltage power inputs
- Redundant 12-55VDC power inputs design
- Operating temperature range, STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C

DESCRIPTION

PoE injector HNT-1501G-X4 is an effective cost solution when only one side of devices is supporting PoE function. HNT-1501G-X4 can deploy data and power from non-PoE switch and at the same time power input to the PD device.

HNT-1501G-X4 supports wide voltage 12-55VDC input. Its power booster technology supports from low voltage power input to full 30-watt PoE output, compliant to IEEE802.3 af/at. It is designed for industrial environment with redundant power inputs and din rail mounting mechanical design. It also has extended temperature version from -40~75°C for extreme industrial environments.

SPECIFICATIONS

Interface	
RJ45 Ports	1 *10/100/1000Base-T(X)
RJ45 Ports (P.S.E. out)	1 *10/100/1000Base-T(X) with PoE+ (compliant IEEE 802.3af/at)
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A) & pin 4, 5, 7, 8 (Mid-span, Mode B)
LED Indicators	System: Power
	PoE: On-connected to PD devices
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
	1000Base-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
Power Requirements	
Input Voltage	Dual 12-55VDC redundant power inputs
Power Connection	1 removable 4-contact terminal block
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
System Power Consumption	Max. 1.44W full loading
Max. PoE Power Budget	30W@12VDC-55VDC
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions (W x H x D)	26 x 95 x 75 mm (1.02 x 3.74 x 2.95 inch)
Weight	Unit weight: 0.276Kg, Shipping weight: 0.386Kg
Mounting	DIN-Rail Mounting, Wall Mounting
Environmental Limits	
Operating Temperature	STD: -10°C ~ 65°C (14°F ~ 149°F)
	EOT: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)

HNT-1501G-X4 | Industrial Gigabit Ethernet PoE Injector

Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2 Class A: 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 (Telcordia SR-332, Issue 3, GB, 25°C)	2,516,532 hrs.
Warranty	5 Years

ORDERING INFORMATION

Model Name	10/100/1000TX	10/100/1000TX PoE	Power Inputs	Temperature
HNT-1501G-X4	1	1	12-55VDC	-10~65°C
HNT-1501G-T-X4	1	1	12-55VDC	-40~75°C

DIMENSIONS

