



N-Tron® 1000-POE+ Gigabit Midspan Injector

Item number: 1000-POE+

The N-Tron 2-port PoE Gigabit Injector simplifies network device deployment with this unmanaged plug-and-play injector. One 10/100/1000BaseT(X) RJ45 port and one auto-sensing PoE+ port for reliable data and power transfer. Performance, durability and ease of use for bandwidth intensive network needs in rugged environments.



2-port PoE injector offers Gigabit data and power transfer over a single cable

Features and benefits

- ✓ **High-speed, high performance data transmission**
Full wire speed communication and up to 1.0 Gb/s throughput.
- ✓ **2 ports for flexibility**
One 10/100/1000BaseT(X) RJ-45 port (data in) and one 10/100/1000BaseT(X) RJ-45 PoE+ port (data and power out).
- ✓ **Engineered for industrial settings**
Full IEEE 802.3 af/at compliance. Suitable for hazardous environments with UL Class I, Division 2 listing and CE and CSA certifications. ABS Type approval for shipboard applications. Operating temperature of -40 °C to 80 °C and over 2 million hours MTBF .
- ✓ **Redundant power inputs**
Redundant DC power inputs (10-30 VDC) offer increased reliability and stay running in case of power supply failure.
- ✓ **Save time and money with Power over Ethernet (PoE)**
Power any PoE-capable camera or wireless access point. Auto-senses PoE devices. Delivers 30 Watts output (25.5 Watts at PD).
- ✓ **Compact, rugged metal case**
Designed with a hardened metal, DIN-rail mountable case. Compact design for easy installation in tight spaces. Dimensions: 4.3" X 1.0" X 3.63".
- ✓ **LED status monitoring**
LED indicator lights display PoE connectivity and power fault status.



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General

Net Weight (g)	270
Packed Width (mm)	152.4
Packed Height (mm)	101.6
Packed Depth (mm)	203.2
Packed Weight (g)	771
Operating Temperature °C Min	-40
Operating Temperature °C Max	80
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10% to 95% (Non Condensing)
Input Voltage (V)	10-30 VDC
Maximum Installation Altitude (m)	3048
Mounting	DIN rail mount (bracket included)
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status

Product ID	1000-POE+
Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No



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Identification and Status

Export Control Classification Number (ECCN)	EAR99
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Physical Features

Top Wiring Clearance (mm)	25.4
Front Wiring Clearance (mm)	50.8
SD Card Slot	No
Flash Drive	No
Contains Battery	No

Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Mean Time Before Failure (MTBF)	>2 million
Vibration and Shock	Shock: IEC60068-2-27; Vibration: IEC60068-2-6