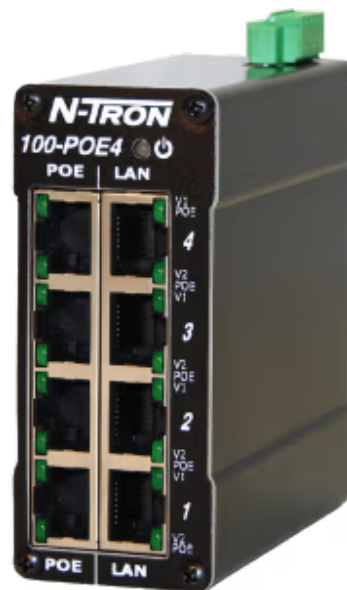




N-Tron® 100-POE4-MDR Industrial Midspan Injector, Metal DIN Rail

Item number: 100-POE4-MDR

The N-Tron 8-port PoE Gigabit Injector simplifies network device deployment with this unmanaged plug-and-play injector. Eight ports in total, with four 10/100BaseT(X) RJ45 ports and four auto-sensing PoE+ ports for reliable data and power transfer. Performance, durability and ease of use for bandwidth intensive network needs in rugged environments.



8-port PoE injector designed to transmit power and data over an Ethernet network

Features and benefits

- ✓ **High-speed, high performance data transmission**
Full wire speed communication and up to 0.8 Gb/s throughput.
- ✓ **9 total ports for flexibility**
Four 10/100/1000BaseT(X) RJ-45 ports (data in) and four 10/100/1000BaseT(X) RJ-45 PoE ports (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 (46-49 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 15.4 Watts output (13 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: 3.5" X 1.5" X 3.6". Metal DIN-rail clip included.
- ✓ **LED status monitoring**
LED indicator lights display PoE connectivity and power fault status.

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General

| | |
|-----------------------------------|-----------------------------------|
| Net Weight (g) | 770.1 |
| Packed Weight (g) | 770.1 |
| Operating Temperature °C Min | -40 |
| Operating Temperature °C Max | 85 |
| Storage Temperature °C Min | -40 |
| Storage Temperature °C Max | 85 |
| Relative Humidity | 10% to 95% (Non Condensing) |
| Power Consumption (W) | 0 |
| Input Voltage (V) | 46-49 VDC |
| Maximum Installation Altitude (m) | 3048 |
| Mounting | DIN rail mount (bracket included) |
| Housing Materials | Metal Housing |
| Packaging Material | Cardboard |
| Warranty (years) | 3 |

Identification and Status

| | |
|-------------------|--------------------------------|
| Product ID | 100-POE4-MDR |
| Country of Origin | United States of America (the) |
| HS Code | 8517620000 |
| Dual Usage | No |

Physical Features

| | |
|---------------------------|------|
| Top Wiring Clearance (mm) | 25.4 |
|---------------------------|------|

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Physical Features

| | |
|-----------------------------|------|
| Front Wiring Clearance (mm) | 50.8 |
| SD Card Slot | No |
| Flash Drive | No |
| Contains Battery | No |

Bluetooth Features

| | |
|---------------------|----------------|
| Net Data Throughput | Up to 0.8 Gb/s |
|---------------------|----------------|

Certifications and Standards

| | |
|---------------------------------|------------|
| RoHS Compliant | Yes |
| CE | Yes |
| FCC | Yes |
| UKCA | No |
| UL | Yes |
| ATEX | No |
| DNV | Yes |
| KC | No |
| Mean Time Before Failure (MTBF) | >2 million |