

N-Tron® 1008TX-POE+ Unmanaged 8-port Gigabit PoE+ Switch

Item number: 1008TX-POE+

The N-Tron® Unmanaged 8-port Gigabit PoE+ Switch is built to transmit power and data. This plug-and-play unmanaged switch eliminates the need for complex electrical wiring. Four auto-sensing duplex-capable copper ports and four POE+ ports in a compact metal case. High performance and durability in demanding industrial environments.



Power over Ethernet and data transmission in a compact, unmanaged 8-port switch

Features and benefits

- ✓ **Meet industrial data communications needs**
Full wire speed communication, high throughput and minimum downtime. Upgrade existing solutions with new bandwidth by eliminating network collisions.
- ✓ **Eight gigabit 10/100/1000BaseT RJ-45 ports**
Ports auto sense flow speed and MDIX. Ethernet switching technology makes RJ-45 ports full/half duplex capable. Four PoE+ Mode A ports.
- ✓ **Metal DIN-rail case**
Comes in a 35 mm DIN-rail mountable hardened metal case. Compact design with a small footprint. Dimensions: 15 cm X 5.1 cm X 15 cm.
- ✓ **MAC address support**
Connect to advanced and complex network architectures with support for up to 8,000 MAC addresses.
- ✓ **Leading compliance certifications for industrial environments**
IEEE 802.3, 802.3u, 802.3ab and 802.3af/at compliant. Certified UL Class I, Division 2 rating and CE approval. ABS and EN 50155, EN 50121 and EN 61373 Rail type approvals. Operating temperature of -40 °C to 80 °C.
- ✓ **Avoid electrical wiring costs with Power over Ethernet (PoE)**
Power PoE-capable camera, device or wireless access point without running power lines or an AC power feed. Automatically senses connected PoE devices. 30 Watts per port and 25.5 Watts at the PD.
- ✓ **Auto-negotiated speed and flow control**
Automatically negotiates and configures speed and flow control of the ports.
- ✓ **Designed for industrial settings**
Robust performance in harsh industrial settings. Suitable for hazardous, maritime and rail applications. Over 2 million hours MTBF.
- ✓ **Viewable activity status**
LED indicator lights display link status, port activity status, PoE status and power fault status.
- ✓ **Redundant DC power inputs**
Dual redundant DC power inputs (22-49 VDC) for increased reliability. Surge protection on power inputs. ESD protection on RJ-45 ports.

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General	
Net Weight (g)	689
Packed Width (mm)	254
Packed Height (mm)	133.35
Packed Depth (mm)	304.8
Packed Weight (g)	689
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)
Power Consumption (W)	0
Input Voltage (V)	22-49 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	1008TX-POE+
Country of Origin	United States of America (the)

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Identification and Status

HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	8x RJ45
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

Protection Class IP	IP20
RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Mean Time Before Failure (MTBF)	>2,000,000 hours

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Certifications and Standards

Vibration and Shock	Vibration: 200 g @ 10 ms (bulkhead mounted); Shock: 50 g, 5-200 Hz, triaxial (bulkhead mounted)
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