N-Tron®
BY HMS NETWORKS

Product Banner

N-Tron® NT24K-10FX2-SC-PT Managed 10-Port Industrial Ethernet Switch

Item number: NT24K-10FX2-SC-PT

The N-Tron® NT24k 10-Port Managed Industrial Ethernet Switch is one of the easiest to deploy Ethernet switches in the industry. Simplified use, uncompromised performance and multiple configurations to fit your automation and industrial needs. PTP enabled with eight copper 10/100/1000BaseTX ports and two 100BaseFX 2km, multimode fiber ports with SC connectors.

Communicate securely across your network with fast performance and versatile connectivity.

Features and benefits

Rugged and durable design

Operates in extreme temperatures from -40° C to 85° C along with high shock and vibration tolerance. Designed to handle the most demanding environments.

Easy to use 10/100/1000BaseTX ports

Auto-sensing for MDIX, speed and flow control. Supports full/half duplex operation and full wire speed.

Robust security for your network switches

Protect against unauthorized access with built-in security features: IEEE 802.1X port and user authentication (RADIUS), SNMP communication protocols, SSH/SSL/HTTPS, 16,000 MAC addresses and support for event logs and syslogs.

Fast Healing Ring network redundancy

Comes with N-Tron's N-Ring™ ~30ms healing technology. Pre-configured N-Ring ports make it easy to add new NT24k-series switches. Reconfigure by changing the ring from "auto-member" to "manager."

N-View™ monitoring technology

Monitor multiple N-View™-capable switches from a single window. This Windows-based software reduces downtime by centralizing firmware management, grouping devices and scheduling firmware updates.

Leading certifications for industrial environments

Suitable for hazardous environments with UL Class I, Division 2 listing and CE certifications. IEEE 1613 and NEMA TS1/TS2 compliance. ABS Type approval for shipboard applications. Over 2 million hours MTBF.

Flexibility with both copper and fiber ports

Eight gigabit 10/100/1000BaseTX RJ-45 ports and two 100BaseFX multimode ports with SC connectors

Reliable connectivity to industrial data

The N-Tron NT24k managed Ethernet switch connects industrial operations to data reliably and efficiently. It provides an industry-ready way to move data across industrial networks.

Designed with network redundancy to maximize uptime

High availability protocols (SNTP/RSTP, N-Ring), VLANs, Quality of Service (QoS), port trunking and mirroring, and IGMP auto-configuration maximize uptime and keep mission critical operations running.

Design enhancements to simplify VLAN configuration

Ease of use enhancements make VLAN configurations easier than ever. The graphical display shows a logical view of the switch, including the VLAN port and tag configuration.

Advanced features designed to meet future needs

With advanced management, performance and security features provided right out of the box, you have tools you need now—and as your network needs grow.

Redundant power inputs and surge protection

Redundant power input (10-49 VDC). ESD and surge protection diodes on all copper ports.

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General

Net Weight (g)	883.35
Packed Weight (g)	883.35
Power Consumption (W)	3048
Input Voltage (V)	dinrailmount
Output Voltage	metalenclosure
Power Connector	3-pole
Isolation	8x RJ45, 2x SC, 1x USB Type B
Maximum Installation Altitude (m)	Yes
Mounting	DIN rail mount (bracket included)
Housing Materials	Metal Enclosure
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status

Product ID	NT24K-10FX2-SC-PT
Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No

Physical Features

Connectors / Input / Output	Up to 16.4 Gb/s
Contains Battery	No

Wireless Features

Wifi Standards	101.6

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Wireless Features

Cellular Standards	101.6

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