N-Tron®

BY HMS NETWORKS

N-Tron® NT24k 24-Port, Single VAC/VDC Power Input, PTP Enabled, DIN Rail Gigabit Managed Industrial Ethernet Switch

Item number: NT24K-DR24-AC-PT

The N-Tron® NT24k 24-Port, Single VAC/VDC Power Input, PTP Enabled, DIN Rail Gigabit 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. Features 3 expansion slots, a modular DIN rail design and one 90-264 VAC/90-300 VDC power input.

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 75° C, has high shock and vibration tolerance, ESD and surge protection. Designed to handle the most demanding environments.

Customizable configurations to connect your data

Up to 24 Gigabit ports with 8-port hot-swappable module option including 10/100/1000BaseT(X) copper, 100Base fiber, 1000Base fiber, Gigabit SFP and dual mode SFP (100Base/1000Base). Modules sold separately.

Robust security for your network switches

Protect against unauthorized access with built-in security features: IEEE 802.1X port and user authentication (RADIUS), SNMPv3 communication protocol, SSH/SSL/HTTPS, MAC security and support for event logs and syslogs.

Fast Healing Ring and RSTP/MSTP 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.

Extensive industry certifications

With extensive compliance certifications, the switch is ideal for a wide range of industrial applications in factory automation, utilities, SCADA, security surveillance, transportation and more.

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 (STP/RSTP/MSTP, N-Ring), VLANs, Quality of Service (QoS), port trunking and mirroring, IGMP and LACP 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.

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General

Net Weight (g)	4077
Packed Weight (g)	4077
Power Consumption (W)	3048
Input Voltage (V)	dinrailmount
Output Voltage	metalhousing
Power Connector	3-pole
Short Circuit Protection	Yes
Isolation	Up to 24x RJ45, up to 24x SC or ST fiber ports, up to 24x LC fiber ports
Mounting	DIN rail mount (bracket included)
Housing Materials	Metal Enclosure
Packaging Material	Cardboard
Warranty (years)	4

Identification and Status

Product ID	NT24K-DR24-AC-PT
Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No

Physical Features

Contains Battery	No

Wireless Features

Wifi Standards	102
Cellular Standards	102