

FOR IMMEDIATE RELEASE

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N-TRON[®] Expands Gigabit Offerings in Popular Fully-Managed Industrial Ethernet Switch Series

Feature-Rich Compact Series offers Advanced Management and Fiber Options

Fully Managed Series Offers:

- Hardened Industrial Ethernet Performance
- -40°C to 70°C Operating Temperature
- Full Wire Speed
- Auto Sensing Ports
- Redundant Power Inputs
- N-View Switch Monitoring Software
- Advanced N-Ring Network Technology
- Store-and-Forward Technology
- Local Port IP addressing
- Port Security

Mobile, AL – September 28, 2010 - N-TRON Corporation, a global leader in Industrial Networking, today announced an additional gigabit model for its recently released fully-managed compact Industrial Ethernet switch series. Small and powerful, the new 7012FX2 provides eight (8) copper ports, two (2) fiber ports and two (2) gigabit ports (SFP transceivers optional) for maximum flexibility in industrial environments. The 7012FX2 joins the 709FX, 710FX2, 711FX3, 712FX4, 714FX6 and 7010TX in the fully-managed product line—all small form, feature-rich models with advanced network management functionality and outstanding reliability.

Gigabit Communication

With support for multiple fiber connections, the 7012FX2 provides the expanded capabilities needed to handle the higher speeds and larger data files inherent in high-bandwidth networks while maintaining the toughness required to operate in extreme environments. The unit contains two (2) gigabit ports and accepts copper and fiber SFP transceivers.

Outstanding Switching Performance

N-TRON's 7012FX2 joins a family of fully-managed switches designed to provide fast throughput under the most demanding industrial conditions. Each employs advanced IEEE 802.3 Fast Ethernet 10/100BaseTX switching technology to prevent network bottlenecks, eliminating virtually all data collisions and increasing determinism. Switches automatically negotiate the optimum speed and flow of data to enhance network efficiency. Each device accommodates up to 8,000 MAC addresses—spacious storage capacity needed for complex and sophisticated network environments.

Exceptional Network Solution

To maximize network uptime, N-TRON integrates advanced N-Ring technology into its fully-managed switches. N-Ring enables expanded capacity, detailed fault diagnostics, and fast ~30ms healing time for N-TRON-based rings. The integrity of the ring is continually checked by sending heart beat packets around the network. If an error is detected, the ring converts to a linear topology within ~30ms and communication is immediately restored. A detailed ring map and fault location chart may be accessed by the ring manager's web browser or the OPC server. Each N-Ring accommodates up to 250 fully-managed N-TRON switches. To establish redundancy, N-Link technology easily connects multiple N-Rings, creating additional pathways to critical applications and increasing overall resiliency.

Monitoring Options

N-TRON offers multiple tools to monitor fully-managed products. A convenient web-based console allows managers and administrators to view and configure switch options, as well as to monitor network traffic, alarms, and trend information from any internet connection. For tightly controlled environments, N-View OPC server software easily combines with HMI control and monitoring applications to form a complete surveillance solution for N-View-enabled switches. The iSNMP Software Suite is also available for link and status monitoring. For local monitoring, each switch features configurable LEDs to indicate power failure and N-Ring status.

Unmatched Reliability

N-TRON products are recognized for their extreme reliability. The 7012FX2 is housed in a compact, hardened-metal enclosure and provides extended environmental tolerances to temperature, vibration, shock and noise immunity. The product line carries a MTBF of over 2 million hours.

Pricing

Model	Description	Price Starting @
7012FX2	12-Port (8 10/100BaseTX, 2 100BaseFX Fiber, and 2 SFP Mini-GBIC Gigabit Fiber Expansion Ports) Fully Managed Industrial Ethernet Switch (SFP transceivers sold separately*)	\$1,670
709FX	9 Port (8 10/100BaseTX, 1 100BaseFX Fiber Ports) Fully Managed Industrial Ethernet Switch**	\$1080
710FX2	10 Port (8 10/100BaseTX, 2 100BaseFX Fiber Ports) Fully Managed Industrial Ethernet Switch**	\$1370
711FX3	11 Port (8 10/100BaseTX, 3 100BaseFX Fiber Ports) Fully Managed Industrial Ethernet Switch**	\$1470
712FX4	12 Port (8 10/100BaseTX, 4 100BaseFX Fiber Ports) Fully Managed Industrial Ethernet Switch**	\$2240
714FX6	14-Port (8 10/100BaseTX, 6 100BaseFX Fiber Ports) Fully Managed Industrial Ethernet Switch**	\$2,810
7010TX	10-Port (8 10/100BaseTX, 2 SFP Mini-GBIC Gigabit Fiber Expansion Ports) Fully Managed Industrial Ethernet Switch (SFP transceivers sold separately*)	\$1,100

* optional transceivers support 550m Multimode Fiber, 10km Singlemode Fiber, 40km Singlemode Fiber, 80km Singlemode Fiber, or 1000BaseT Copper pluggable Mini-GBIC transceivers.

** Multimode or Singlemode Fiber configurations available.

About N-TRON

N-TRON® Corporation, a global leader in the industrial Ethernet marketplace, is a developer, manufacturer and marketer of Ethernet network infrastructure equipment. The company offers a complete line of affordable unmanaged and managed Ethernet switches, media converters, Power over Ethernet (PoE), and wireless access devices for industrial environments.

Designed to solve the most demanding communications requirements, N-TRON products are used throughout the world in a wide variety of applications including wind farms, solar energy, nuclear power plants, wastewater treatment facilities, maritime, transportation, process control, and security and surveillance.

N-TRON is headquartered in Mobile, Alabama, with operations located throughout the United States, Canada, EMEA, India and the Pacific Rim. N-TRON products are distributed in over 75 countries worldwide.

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