



8-Port Industrial Slim Type Fast Ethernet Rail Switch

8-port, IP30 industrial standard

SKU: 505628 | EAN-13: 0766623505628 | UPC: 766623505628

Increase the reliability of your applications for industrial environments.

The INTELLINET NETWORK SOLUTIONS Industrial Fast Ethernet Rail Switch is a cost-effective, 8-port, entry-level switch specially designed for industrial Ethernet applications. This industrial Ethernet switch not only has all the functions of an unmanaged switch, but also uses a robust case that offers IP30-standard protection. To meet industrial device-redundancy requirements, the Industrial Fast Ethernet Rail Switch is equipped with a terminal block to provide dual power inputs with reverse-polarity protection. Adapting store-and-forward switching architecture greatly increases the network efficiency. It delivers true non-blocking switching performance to all ports running at full wire speed without any loss of packets.

High-Standard Mechanical Design

The INTELLINET NETWORK SOLUTIONS series of Industrial Ethernet products uses an IP30 case to provide a rugged, acid-corrosion-proof and heat-resistant solution. The terminal block and ventilation holes are placed on the bottom side of each unit to reduce the chance of damage due to dust and moisture. And the compact, space-saving design is a benefit throughout the product's life — from inventory storage and transportation to installation.

Reliable Redundancy

Industrial automation and control solutions demand high reliability. INTELLINET NETWORK SOLUTIONS understands that redundancy is critical in this environment. Dual DC power inputs are provided for power redundancy.

Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

Features:

- Rigid IP-30 protection case design
- 10/100 auto-sensing ports — automatically detect optimal network speeds
- Supports any combination of 10 Mbps or 100 Mbps network devices
- All RJ45 ports with Auto MDI-X and NWay auto-negotiation support
- Store-and-forward switching architecture
- Supports IEEE 802.3x flow control on full duplex and backpressure on half duplex
- Supports 2048 MAC address entries
- LEDs for power, link/activity, power fault indicator
- DIN rail or wall mounting
- Terminal block to provide dual power inputs with reverse polarity protection
- Lifetime Warranty

Specifications:

Standards

- IEEE 802.3 (10Base-T Ethernet)

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

General

- Media support:
 - 10Base-T Cat3, 4, 5 UTP/STP RJ45
 - 100Base-TX Cat5 UTP/STP RJ45
- Packet filter/forwarding rate:
 - 148,800 pps (100 Mbps)
 - 14,880 pps (10 Mbps)
- MAC address table: 2048 entries
- Switch architecture: Store and forward
- Certifications: FCC Class A, EN55022 Class A

LEDs

- Green - Power
- Green - LINK/ACT
- Yellow - Power Fault Indicator
- Yellow - Duplex/Collision

Power

- Power supply:
 - Input voltage: 24 V DC (12~48V DC on 6-pin Terminal Block), dual inputs
 - Reverse-polarity protection: present
- Power consumption: 4.0 Watts (typical)

Environmental

- IP30 housing
- Dimensions: 26 (W) x 144.3 (H) x 95 (D) mm (1 x 5.7 x 3.7 in.)
- Weight: 391 g (0.86 lbs.)
- Operating temperature: -40 – 70°C (-40 – 158°F)
- Operating humidity: 5 – 95% RH, non-condensing
- Storage temperature: -40 – 85°C (-40 – 185°F)

Regulatory Approvals

- EMI:
 - FCC Class A
 - EN55022 Class A
- EMC:
 - EN61000-4-2
 - EN61000-4-3
 - EN61000-4-4
 - EN61000-4-5
 - EN61000-4-6
 - EN61000-4-8
 - EN61000-4-11
- Safety:
 - EN60950
- Shock: IEC 60068-2-27
- Free fall: IEC 60068-2-32
- Vibration: IEC 60068-2-6

Package Contents

- Industrial Fast Ethernet Rail Switch
- Software CD
- Quick install guide



