



## 16-Port Fast Ethernet Switch

16-Port RJ45 10/100 Mbps, 19" Rackmount, Metal

Part No.: **520409**

Add the connections you need without adding the clutter you don't.

The INTELLINET NETWORK SOLUTIONS 16-Port Rackmount Fast Ethernet Switch is a high-performance 10/100 Mbps LAN switch with auto-sensing and auto-negotiation on every port. The space-saving, cost-effective design allows you to connect up to 16 devices to your local area network while only taking up one slot in your network rack or cabinet.

### Auto-Sensing

The 16-Port Rackmount Ethernet Switch automatically senses the speed of the attached device, and self-configures the port to connect at 10 Mbps or 100 Mbps.

### Auto-Negotiation

The 16-Port Rackmount Ethernet Switch will automatically operate at half of full duplex based on the attached device and application being supported.

### Auto MDI/MDIX Crossover

Each port on the Rackmount Fast Ethernet Switch supports MDI/MDIX, eliminating the need for crossover cables or uplink ports.

### Cost Effective

By supporting up to 16 ports in a single chassis, the 16-Port Fast Ethernet Rackmount Switch saves you money by eliminating the need to purchase an additional switch in order to connect more devices to your growing network.

### Features:

- 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-MDIX (auto uplink) support
- Auto-detection of full/half duplex modes in all ports
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports NWay auto-negotiation
- Non-blocking & non-head-of-line blocking full wire speed forwarding
- Store and forward switching architecture
- Supports up to 4096 MAC address entries
- 203 kBytes buffer memory
- Fanless design ideal for silent operation
- 19" compact rigid metal case
- Includes 19" rackmount brackets
- Three-Year Warranty

For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

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## Specifications:

### Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (Flow Control and Backpressure)

### General

- Media support:
  - 10Base-T Cat3, 4, 5 UTP/STP RJ45
  - 100Base-TX Cat5 UTP/STP RJ45
  - 100Base-TX Cat6 UTP/STP RJ45
- Ports: 16 10/100Base-TX RJ45 ports
- Packet filter/forwarding rate:
  - 148,800 pps (100 Mbps)
  - 14,880 pps (10 Mbps)
- Backplane speed: 3.2 Gbps
- MAC address table: 4096 entries
- Buffer size: 203 kBytes
- Switch architecture: store and forward switch technology
- FCC Class A, CE, RoHS

### LEDs

- Power
- LINK/ACT
- Connection speed

### Power input

- 7 W power consumption
- Internal 100 – 240 V AC, 50 – 60 Hz

### Environmental

- Dimensions: 19", 1U rackmount, 440 (W) x 137 (D) x 44 (H) mm (17.25 x 5.39 x 1.75 in.)
- Weight: 2.5 kg (5.5 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Storage temperature: -20 – 70° (-4 – 158°F)
- Operating humidity: 10 – 90%, non-condensing
- Storage humidity: 5 – 90%, non-condensing

### Package contents

- 16-Port Fast Ethernet Rackmount Switch
- Rackmount kit for rack installation
- Power cord
- User Manual

