



# 16-Port Fast Ethernet Rackmount Switch

19" Rackmount

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
- Provides independent 256-entry forwarding table for multicast addresses
- Non-blocking & non-head-of-line blocking full wire speed forwarding
- Store and forward switching architecture
- Supports up to 8192 MAC address entries
- 256 kBytes buffer memory
- 19" compact rigid metal case
- Includes 19" rackmount brackets
- Three-Year Warranty

## 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:

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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- 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: 8192 entries
- » Buffer size: 256 kBytes
- » Switch architecture: store and forward switch technology
- » FCC Class A, CE, RoHS

#### LEDs

- » Power
- » LINK/ACT
- » Connection speed

#### Power input

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

#### Environmental

- » Dimensions: 19", 1U rackmount, 440 (W) x 130 (D) x 44 (H) mm (17.25 x 5.11 x 1.75 in.)
- » Weight: 2.5 kg (5.5 lbs.)
- » Operating temperature: 0 – 50°C (32 – 122°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



