Gigabit Ethernet Rackmount Switch

16-port RJ-45 10/100/1000 Mbps

Model
524148

Boost your network speed.

The INTELLINET NETWORK SOLUTIONS™ Gigabit Ethernet Rackmount Switch offers an array of features while providing superior network throughput.

Extreme Flexibility
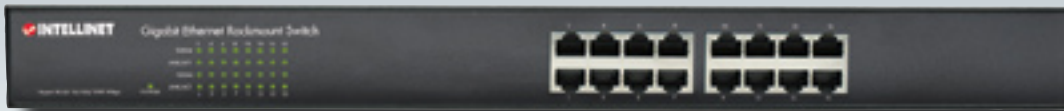Sixteen 10/100/1000 Mbps auto-sensing ports automatically detect optimal network speeds.

Extreme Thoughput
With a backplane speed of 32 Gbps, there is plenty of performance available for your computers, servers and other networking devices.

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.

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Features

- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- All RJ-45 ports with Auto-MDIX (auto uplink) support
- Supports NWay auto-negotiation
- Store and forward switching architecture
- Wire-speed packet filtering and forwarding rate
- Supports jumbo frames up to 9.6 kBytes
- Full/half duplex operation
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports up to 8192 MAC address entries
- 340 kBytes buffer memory
- Includes 19" rackmount brackets
- Lifetime Warranty

Specifications

STANDARDS
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- 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 RJ-45
  - 100Base-TX Cat5 UTP/STP RJ-45
  - 1000Base-T Cat5e UTP/STP RJ-45
- Packet filter/forwarding rate:
  - 1,488,000 pps (1000 Mbps)
  - 148,800 pps (100 Mbps)
  - 14,880 pps (10 Mbps)
- Buffer memory: 340 kBytes
- MAC address table: 8192 entries
- Backplane speed: 32 Gbps
- Switch architecture: store and forward
- 16 x RJ-45 Gigabit Ethernet ports
- Certifications: FCC Class B, CE Mark

LEDs
- Power
- Link Speed per port: 1000 Mbps
- Link/Activity per port

POWER
- Internal power supply, 100 – 240 V AC, 50/60 Hz
- Power consumption: 20 Watts (maximum)

ENVIRONMENTAL
- Metal housing, 19" rackmount, 1 U
- Dimensions: 440 (W) x 220 (L) x 44 (H) mm (17.4 x 8.6 x 1.7 in.)
- Weight: 2.9 kg (6.4 lbs.)
- Operating temperature: 0 – 55°C (32 – 131°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)

PACKAGE CONTENTS
- Gigabit Ethernet Rackmount Switch
- Power cable
- 19" rackmount brackets
- User manual

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit **www.intellinet-network.com**.

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