



24-Port Gigabit Ethernet Switch

**24 x 10/100/1000 Mbps RJ45 Ports, Green Ethernet / IEEE 802.3az
Energy Efficient Ethernet, Desktop Format, Includes Optional 19"
Rackmount Brackets**

Part No.: **561914**

EAN-13: 0766623561914 | UPC: 766623561914

Unmanaged 24-Port Gigabit Ethernet Switch to boost your network speed

The Intellinet Network Solutions 24-Port Gigabit Ethernet Switch offers an array of features while providing superior network throughput. It is very easy to set up and requires no configuration whatsoever. Thanks to its desktop and 19" rackmount design, superior performance and value, it is the perfect choice for expanding your small office home or home network.

Great Throughput

With a backplane speed of 48 Gbps, plenty of performance is available for your computers, servers and other networking devices.

Enhanced Features

This Gigabit LAN switch includes automatic features and a manual one that make it easy to use. No configuration is required, so installation is Plug and Play and hassle-free. Its automatic features include Auto-MDI/MDI-X crossover on all ports to eliminate the need for any crossover cables. Also, each of the 24 ports automatically senses the link speed of the connected network device and adjusts to 10, 100 or 1,000 Mbps for compatibility and maximum performance. A convenient manual feature is the selectable VLAN Mode slide switch on the front panel that isolates ports 1 through 22 from each other while allowing them to connect to ports 23 and 24. This ability will increase the forwarding rate should a broadcast storm occur.

Reliable Operation

This switch supports flow control when operating in half-duplex mode and IEEE

802.3ab in full duplex mode to ensure that data transfer and network connectivity run smoothly and uninterrupted. In conjunction with the broadcast storm control and the store-and-forward switching method, full- and half-duplex modes further ensure that your connections remain active even under extremely busy conditions.

Green Ethernet Technology

More often than not, a network switch does not utilize all its ports at all times. Normally, when a computer, notebook, network printer or other network-connected device is powered down, the switch continues to consume the same amount of power as if it were active. Thanks to energy efficient IEEE 802.3az technology, this Switch can detect link status to all connected devices and reduce the power usage of ports not in use. In addition, the Switch can adjust the level of power output based on the length of the network cable connected to a particular port. This feature allows for the enjoyment of maximum network performance, and when things slow down, it automatically scales back power usage to conserve energy and save money.

Features:

- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- Manual VLAN mode to isolate ports 1 to 22 from each other while allowing them to communicate with ports 23 and 24
- 48 Gbps switch fabric
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- Green Ethernet power-saving technology that deactivates unused ports and adjusts power levels based on the cable length
- Supports jumbo frames up to 9216 Bytes
- All RJ45 ports with Auto-MDIX (auto uplink) support
- Store and forward switching architecture
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports 8k MAC address entries with Auto-learning and Auto-aging
- Buffer memory of 4.1 Mbits
- Compact desktop format with rugged metal housing
- Grounding point to protect equipment from external electrical surges
- Rubber feet for non-slip desktop use
- ESD protection up to 8 kV (air) and 4 kV (contact)
- Fanless design for silent operation
- Includes 19" rackmount brackets
- Fully NDAA-compliant
- Three-year warranty

Specifications:

Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3az (Energy Efficient Ethernet EEE)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

General

- Media support:
 - 10Base-T Cat5e UTP/STP RJ45, 8 pin
 - 100Base-TX Cat5e UTP/STP RJ45, 8 pin
 - 1000Base-T Cat5e UTP/STP RJ45, 8 pin
- MAC address table: 8k
- Buffer memory: 4.1 Mbits
- Forwarding rate: 35.7 Mpps
- Backplane speed / switching capacity: 48 Gbps
- Switch architecture: store and forward
- 24 RJ45 Gigabit Ethernet ports
- Certifications: FCC Class A, CE, UKCA, NDAA

Modes (selectable via slide switch on front panel)

- Normal
- VLAN (Port Isolation)

LEDs

- Power
- Link/activity

Power

- Internal power supply: 100.0 - 240.0 VAC, 50/60 Hz
- Power consumption: 10.1 watts (max.)

Physical

- Metal housing
- Dimensions (L x W x H): 180 x 280 x 44 mm (7.09 x 11.02 x 1.73 in.)
- Net weight: 1.5 kg (3.31 lbs.)
- Gross weight: 2.03 kg (4.48 lbs.)
- Operating temperature: 0 - 40°C (32 - 104°F)
- Storage temperature: -40 - 70°C (-40 - 158°F)
- Operating humidity: 5 - 90% RH, non-condensing

Package Contents

- 24-Port Gigabit Ethernet Switch
- Power cable

- 19" rackmount brackets
- Four rubber feet
- Instructions

