



16-Port Gigabit Ethernet Switch

561815

SKU: 113648 UPC: 766624000000

The Intellinet Network Solutions Gigabit Ethernet Switch offers an array of features while providing superior network throughput. This Gigabit LAN switch includes many automatic features that make it easy to use. No configuration is required, so installation is Plug and Play and hassle-free. Auto-MDI/MDI-X crossover on all ports eliminates the need for any crossover cables. Each of the 16 ports automatically senses the link speed of the connected network device and adjusts to 10, 100 or 1000 Mbps for compatibility and maximum performance.

This network 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.

Features

- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- Manual VLAN mode to isolate ports 1 to 14 from each other while allowing them to communicate with ports 15 and 16
- Manual Extend mode to achieve transmission distances up to 250 m (820 ft.) at a reduced speed of 10 Mbps
- 32 Gbps switch fabric
- Green Ethernet power-saving technology deactivates unused ports and adjusts power levels based on the cable length
- Supports jumbo frames up to 9 kBytes
- Manual Flow Control Off mode to disable the Gigabit Ethernet switch's flow-control function
- 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
- 512 kBytes buffer memory
- Compact desktop format with rugged metal housing
- Grounding point to protect equipment from external electrical surges
- Rubber feet for non-slip desktop use
- Fanless design for silent operation
- Includes 19" rackmount brackets
- Fully NDAA-compliant