24-Port Web-Managed Gigabit Ethernet Switch with 2 SFP Ports

24 x 10/100/1000 Mbps RJ45 Ports + 2 x SFP, IEEE 802.3az Energy Efficient Ethernet, SNMP, QoS, VLAN, ACL, 19" Rackmount
Part No.: 560917

Intelligent and secure edge connectivity, ideal for small and medium enterprise and branch office networks and essential business applications.

This 24 + 2 Layer 2 Gigabit Switch is a high-performance SNMP-managed device that provides users with 24 10/100/1000 Mbps Ethernet and 2 additional Gigabit SFP ports. The Web/SNMP management provides remote control capability providing flexible network management and monitoring options. Whether managed through an "in-band" SNMP management station or an Internet Web browser, the Intellinet 560917 Gigabit switch facilitates network management and problem diagnosis.

Flexible Network Management

The Intellinet 24-Port Web-Managed Gigabit Ethernet Switch is easy to use and manage, designed to increase business productivity by reliably supporting business applications. It features a Web-based GUI and supports SNMP, RMON, and Telnet. The impressive list of features includes, but is not limited to, ACL management, sophisticated QoS-related settings, port mirroring, integrated IP-connectivity tools, logging, MAC filtering, RADIUS authentication, Port aggregation and detailed port rate configuration options.

Eliminate Bottlenecks with 26 Gigabit Ports

Equipped with 24 auto-sensing 10/100/1000 Mbps RJ45 Gigabit Ethernet ports, this switch offers plenty of performance for your computers, servers and other networking devices. in addition, two small form-factor pluggable GBIC module slots (SFP) provide fiber connectivity for greater distances. These are not shared combo-ports, but true Gigabit ports, pushing the total available bandwidth up to 52 Gbps.

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 device is powered down, the switch continues to consume the same amount of power as if it were active. Now, thanks to the new energy efficient IEEE 802.3az technology, the Intellinet 24-Port Gigabit PoE+ Switch detects link status to all connected devices and reduces the power usage of ports not in use. In addition, the Intellinet switch can adjust the level of power output based on the length of the network cable connected to a particular port. With the Intellinet 24-Port Web-Managed Gigabit Ethernet Switch you will enjoy maximum network performance, but when things slow down it automatically scales back power usage to conserve energy and save money.

Features:

- Twenty-four 10/100/1000 Mbps auto-sensing ports automatically detect optimal network speeds
- Two small form-factor pluggable GBIC module slots (SFP)
- All RJ45 ports with Auto-MDIX and NWay auto-negotiation support
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- Web- or Telnet-based configuration

- SNMP Management and Remote Monitoring (RMON)
- SNMP V1, V2 with RMON groups 1, 2, 3 & 9
- Supports VLAN (tag-based and port-based)
- 802.1X authentication and IP/MAC based Access Control Lists (ACL)
- Supports link aggregation (trunking)
- IGMP Snooping for multicast filtering
- Supports bandwidth control per port
- Supports port mirroring
- Supports three types of QoS: port-based, 802.1p and DSCP
- Broadcast storm control with multicast packet rate settings
- Supports jumbo frames up to 9 kBytes
- Supports Rapid Spanning Tree/Spanning Tree protocol
- Store and forward switching architecture
- Fanless design ideal for silent operation
- Full/half duplex operation
- IEEE 802.3x flow control for full duplex
- Supports 8k MAC address entries
- 512 kBytes buffer memory
- Includes 19" rackmount brackets
- Three-Year Warranty

Specifications:

Standards
- IEEE 802.1d (Spanning Tree Protocol)
- IEEE 802.1p (Traffic Prioritization)
- IEEE 802.1q (VLAN Tagging)
- IEEE 802.1s (Spanning Tree Protocol (MSTP))
- IEEE 802.3ad (Link Aggregation)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3ad (Link Aggregation Control Protocol LACP)
- IEEE 802.3az (Energy Efficient Ethernet EEE)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (Flow Control, for full duplex mode)
- SNMPv1/v2 (Simple Network Management Protocol)

General
- Media support:
- 10Base-T Cat3, 4, 5 UTP/STP RJ45
- 100Base-TX Cat5 UTP/STP RJ45
- 1000Base-T Cat5e UTP/STP RJ45
- Packet filter/forwarding rate:
- 1,488,000 pps (1000 Mbps)
- 148,800 pps (100 Mbps)
- 14,880 pps (10 Mbps)
- MAC address table: 8k

- Buffer memory: 512 kBytes
- Backplane speed / switch fabric: 52 Gbps
- Switch architecture: store and forward
- Configuration options:
- Port link speed: 10 Mbps, 100 Mbps, 1000 Mbps or auto-negotiation
- Flow control on/off per port
- VLAN, S-VLAN
- Rate limiting (ingress rate and egress rate)
- Rate limiting: policy-based or port-based bandwidth control, 16 kbps steps up to 1 Gbps maximum
- Port Mirroring
- ACL (Access Control List)
- Port Aggregation/LACP: 8 groups
- Broadcast Storm configuration with broadcast rate, multicast rate, and flooded unicast rate
- IGMP Snooping
- Event Logging / Remote Logging
- Quality of Service (QoS): port-based, 802.1p or DSCP
- Integrated ICMP Ping client sends ping requests to other network nodes
- SNMPv1/v2 (Simple Network Management Protocol)
- LAN settings (IP address, gateway, etc.)
- Certifications: FCC Class A, CE

LEDs
- Power
- Link/activity/speed

Power
- Input: 100 – 240 VAC, 50 – 60 Hz
- Power consumption: 20 watts (maximum)

Environmental
- Metal housing
- Dimensions: 440 (W) x 205 (L) x 44 (H) mm (17.3 x 8.1 x 1.7 in.)
- Weight: 2.2 kg (4.8 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -40 – 70°C (-40 – 158°F)

Package Contents
- 24-Port Web-Managed Gigabit Ethernet Switch with 2 SFP Ports
- Power cable
- 19" rackmount brackets
- User manual