



16-Port Web-Managed Gigabit Ethernet Switch with 4 SFP Ports

16 x 10/100/1000 Mbps RJ45 Ports + 4 x SFP, IEEE 802.3az Energy Efficient Ethernet, SNMP, QoS, VLAN, ACL, 19" Rackmount

Part No.: **560801**

EAN-13: 0766623560801 | UPC: 766623560801

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

This 16 + 4 Layer 2 Gigabit Switch is a high-performance SNMP-managed device that provides users with 16 10/100/1000 Mbps Ethernet and four 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 Network Solutions 560801 Gigabit switch facilitates network management and problem diagnosis.

Flexible Network Management

The Intellinet Network Solutions 16-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 20 Gigabit Ports

Equipped with 16 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, four 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 40 Gbps.

Features:

- Sixteen 10/100/1000 Mbps auto-sensing ports automatically detect optimal network speeds
- Four 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, V3 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 16k MAC address entries
- 448 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)

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- 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/v3 (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: 16k
- Buffer memory: 448 kBytes
- Backplane speed / switch fabric: 40 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/v3 (Simple Network Management Protocol)
 - LAN settings (IP address, gateway, etc.)
- Certifications: FCC Class A, CE

LEDs

- Power
- Link/activity

Power

- Input: 100 – 240 V AC, 50 – 60 Hz
- Power consumption: 30 watts (maximum)

Environmental

- Metal housing
- Dimensions: 440 (W) x 130 (L) x 44 (H) mm (17.3 x 5.1 x 1.7 in.)
- Weight: 2.9 kg (6.4 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

- 16-Port Web-Managed Gigabit Ethernet Switch with 4 SFP Ports
- Power cable
- 19" rackmount brackets
- User manual

