

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

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

Part No.: 561334

EAN-13: 0766623561334 | UPC: 766623561334

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

This 48 + 4 Layer 2 Gigabit Switch is a high-performance SNMP-managed device that provides users with 48 10/100/1000 Mbps Ethernet and 4 additional Gigabit SFP ports. The Web/SNMP management provides remote control capability for flexible network management and monitoring options. Whether managed through an "in-band" SNMP management station or an Internet Web browser, the Intellinet Network Solutions Gigabit switch (561334) facilitates network administration and problem diagnosis.

Flexible Network Management

The Intellinet Network Solutions 48-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 52 Gigabit Ports

Equipped with 48 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 104 Gbps.

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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 energy-efficient IEEE 802.3az technology, the Intellinet Network Solutions 48-Port Managed Gigabit Switch detects link status to all connected devices and reduces the power usage of ports not in use. In addition, the Intellinet Network Solutions switch can adjust the level of power output based on the length of the network cable connected to a particular port. With the Intellinet Network Solutions 48-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:

- 48 10/100/1000 Mbps auto-sensing ports automatically detect optimal network speeds
- Four small form-factor pluggable GBIC module slots (SFP)
- Domotz compatible for cloud management (may require firmware upgrade)
- All RJ45 ports with Auto-MDIX and NWay auto-negotiation support
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- SNMP Management and Remote Monitoring (RMON)
- SNMP V1, V2C, V3 with RMON groups 1, 2, 3 & 9
- IPv4/v6 dual protocol
- Supports VLAN (tag-based and port-based)
- Provides IEEE 802.1x port-based security
- Supports link aggregation (trunking)
- Supports bandwidth control per port
- Supports port mirroring
- IGMP Snooping for multicast filtering
- Supports two types of QoS: port-based and DSCP
- Broadcast storm control with multicast packet rate settings
- 104 Gbps switch fabric
- Supports 8k MAC address entries
- Supports jumbo frames up to 9 kBytes
- Supports Rapid Spanning Tree/Spanning Tree protocol
- Store and forward switching architecture
- Full/half duplex operation
- Configuration via Web browser, Telnet or SSH
- Remote Reboot/restart
- IEEE 802.3x flow control for full duplex

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- LEDs for power, link/activity, connection speed
- Fanless design ideal for silent operation
- Fully NDAA-compliant
- 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:1500 kBytes
• Backplane speed / switch fabric: 104 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
  - Rate limiting (ingress rate and egress rate)
  - Port mirroring
  - Port isolation
  - Port aggregation/LACP: 8 groups
  - Broadcast Storm configuration with broadcast rate, multicast rate, and flooded unicast rate
  - IGMP snooping
  - Quality of Service (QoS): port-based or DSCP
  - Link Layer Discovery Protocol (LLDP) - Station and Media Access Control

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Connectivity Discovery
- Integrated ICMP Ping client sends ping requests to other network nodes
- SNMPv1/v2c/v3 (Simple Network Management Protocol)
- RMON (1,2,3 & 9 groups)
- LAN settings (IP address, Gateway, etc.)
- SSHv2
- TACAS+

• Certifications: FCC Class A, CE, UKCA, NDAA

LEDs
• Power
• Link/activity
• 10/100 Mbps or 1000 Mbps

Power
• Input: 100 – 240 VAC, 50 – 60 Hz
• Power consumption: 36 watts (maximum)

Environmental
• Metal housing
• Dimensions: 330 (L) x 440 (W) x 40 (H) [mm] (12.99 (L) x 17.32 (W) x 1.57 (H) [in])
• Net weight: 4.3 kg (9.48 lbs.)
• Gross weight: 5.55 kg (12.24)
• Operating temperature: 0 – 40°C (32 – 104°F)
• Operating humidity: 10 – 90% RH, non-condensing
• Storage temperature: -20 – 70°C (-4 – 158°F)

Package Contents
• 48-Port Gigabit Ethernet Web-Managed Switch with 4 SFP Ports
• Power cable
• User manual
• 19" rackmount brackets



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