8-Port Gigabit Ethernet PoE+ Web-Managed Switch

8 x PoE ports, IEEE 802.3at/af Power-over-Ethernet (PoE+/PoE), Endspan, Desktop
Part No.: 560542

EAN-13: 0766623560542 | UPC: 766623560542

Save Installation Time and Money with PoE

The Intellinet Network Solutions 8-Port Gigabit Ethernet PoE+ Web-Managed Switch (560542) is designed to pass both data and electrical power to a number of PoE compatible devices via standard Cat5e or Cat6 network cables. Equipped with eight Gigabit Ethernet ports (all of which support 802.3at/af PoE/PoE+), this switch can power wireless LAN access points and bridges, VoIP phones, IP video cameras and more while delivering network speeds of up to 1000 Mbps.

Power over Ethernet 802.3at

The Intellinet Network Solutions 8-Port Gigabit Ethernet PoE+ Web-Managed Switch supports the IEEE 802.3at protocol and is designed to inject up to 30 watts of power per port*. IEEE802.3af or IEEE802.3at compliant devices attached to the switch require no additional power, thus eliminating the time and expense of electrical rewiring and minimizing the unsightly clutter caused by power supplies and adapters in awkward places such as ceilings and walls. Any mix of PoE and non-PoE devices is supported, and thanks to its short circuit, overload and high-voltage protection function, your equipment is well-protected. For devices that are not 802.3at/af compliant (legacy wireless access points or network cameras), we suggest use of an Intellinet Network Solutions PoE/PoE+ Splitter.

Web-Management

This PoE switch is equipped with an impressive array of advanced management functions that allow you to be in full control over your network. The 8-Port Gigabit Ethernet PoE+ Web-Managed Switch supports VLAN, port aggregation, QoS and port mirroring, comes

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with an integrated ICMP ping and cable testing tool, and support SNMP V1 and the popular V2c - just to name a few.

* Total PoE budget for this switch is 123 watts. Per-port average power distribution is 15 watts; maximum per-port power usage cannot exceed 30 watts.

Features:

- Provides power and data connection for up to eight PoE network devices
- Save time and money by delivering data and power via existing network cables
- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- IEEE 802.3at/af-compliant RJ45 PoE/PoE+ output ports
- Power output up to 30 Watts per port*
- PoE power budget of 123 watts
- Supports IEEE 802.3at and IEEE 802.3af-compliant PoE devices (wireless access points, VoIP phones, IP cameras)
- Supports IEEE 802.3at/af detection and short circuit, overload and high-voltage protection
- All RJ45 ports with Auto-MDIX (auto uplink) support
- Web-based configuration
- Provides detailed traffic and power use statistics
- Supports SNMP management
- Supports VLAN (tag-based and port-based)
- Supports link aggregation (trunking)
- Supports port mirroring
- Supports two types of QoS: 802.1p and DSCP
- Broadcast storm control with multicast packet rate settings
- Store and forward switching architecture
- Supports jumbo frames up to 9.6 kBytes
- Supports Rapid Spanning Tree/Spanning Tree protocol
- IEEE 802.3x flow control for full duplex
- Supports up to 8192 MAC address entries
- 176 kBytes buffer memory
- Internal fan delivers quiet and efficient cooling
- Desktop-size metal case
- Three-Year Warranty

Specifications:

Standards
• IEEE 802.1d (Spanning Tree Protocol)

• IEEE 802.1p (Traffic Prioritization)
• IEEE 802.1q (VLAN Tagging)
• IEEE 802.1w (Rapid Spanning Tree Protocol)
• 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 802.3af (Power over Ethernet 802.3at Type 1)
• IEEE 802.3at (Power over Ethernet 802.3at Type 2)
• IEEE 802.3u (100Base-TX Fast Ethernet)
• IEEE 802.3x (flow control, for full duplex mode)

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: 8192 entries
• Backplane speed: 16 Gbps
• Switch architecture: store and forward
• Configuration Options:
  - Port link speed: 10 Mbps, 100 Mbps, 1000 Mbps or auto-negotiation
  - PoE on/off per port
  - Flow control on/off per port
  - VLAN
  - Port Mirroring
  - Port Aggregation/LACP: 4 groups with up to 8 member ports per trunk
  - Broadcast Storm configuration with broadcast rate, multicast rate, and flooded unicast
rate
  - IGMP Snooping
  - Quality of Service (QoS): 802.1p or DSCP
  - Integrated VeriPHY cable diagnostics tool
  - Integrated ICMP Ping client sends ping requests to other network nodes
  - SNMPv1/v2c (Simple Network Management Protocol)
  - LAN settings (IP address, DHCP, Gateway, etc.)
• Monitoring Options:
  - Traffic statistics
  - LACP status
  - RSTP status
  - IGMP status
• Certifications: FCC Class A, CE

LEDs

- PoE
- Power
- Link/activity

Power
- Input: 100 – 240 V AC, 50 – 60 Hz
- Power consumption: 130 Watts (maximum)

Environmental
- Metal housing
- Dimensions: 266 (W) x 160 (L) x 44 (H) mm (10.5 x 6.3 x 1.7 in.)
- Weight: 1.6 kg (3.5 lbs.)
- Operating temperature: 0 – 45°C (32 – 113°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)

Package Contents
- 8-Port Gigabit Ethernet PoE+ Web-Managed Switch
- Power cable
- User manual

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