

16-Port Gigabit Ethernet PoE+ Switch

220 W PoE Power Budget, IEEE 802.3at/af Power-over-Ethernet (PoE+/PoE), Endspan, Rackmount

SKU: 560993 | EAN-13: 0766623560993 | UPC: 766623560993

Save installation time and money with PoE

The Intellinet Network Solutions 16-Port Gigabit Ethernet Rackmount PoE+ Switch (560993) 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 16 Gigabit Ethernet ports, this switch can power wireless LAN access points and bridges, VoIP phones, IP video cameras and more while delivering network speeds of up to 1,000 Mbps.

Power over Ethernet 802.3at
The Intellinet Network Solutions 16-Port Gigabit Ethernet PoE+ 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 the use of an Intellinet Network Solutions PoE/PoE+ Splitter.

Extreme Throughput
With a backplane speed of 32 Gbps, there is plenty of performance available for your computers, servers and other networking devices.

* Total PoE budget for this switch is 220 watts.

Features:

- Provides power and data connection for up to 16 PoE network devices
- Saves 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 220 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
- Store and forward switching architecture
- IEEE 802.3x flow control for full duplex
- Supports up to 8192 MAC address entries
- 256 kBytes buffer memory
- Two high-volume cooling fans ensure perfect ventilation
- Includes 19" rackmount brackets
- Fully NDAA-compliant
- Three-Year Warranty

Specifications:

Standards
• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
• 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

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• 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
• Buffer memory: 256 kBytes
• Backplane speed: 32 Gbps
• Switch architecture: store and forward
• Certifications: FCC Class A, CE, RoHS, UKCA, NDAA

LEDs
• Power
• PoE
• Link/activity

Power
• Input: 100 – 240 V AC, 50 – 60 Hz
• Power consumption: 260 watts (maximum)

Environmental
• Metal housing
• Dimensions: 208 (L) x 442 (W) x 44 (H) mm / 8.19 (L) x 17.4 (W) x 1.73 (H) in.
• Weight: 3.80 kg (8.3 lbs.)
• Operating temperature: 0 – 40°C (32 – 104°F)
• Operating humidity: 10 – 90% RH, non-condensing
• Storage temperature: -10 – 70°C (14 – 158°F)

Package Contents
• 16-Port Gigabit Ethernet PoE+ Switch
• Power cable
• User manual
• 19" mounting brackets






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