

24-Port Gigabit Ethernet PoE+ Switch with 2 SFP Ports and LCD Screen

LCD Display, IEEE 802.3at/af Power over Ethernet (PoE+/PoE) Compliant, 370 W, Endspan, 19" Rackmount

Part No.: 561242

EAN-13: 0766623561242 | UPC: 766623561242

High-Power Unmanaged PoE Switch with LCD Status Display

The Intellinet Network Solutions 24-Port Gigabit Ethernet PoE+ Switch with 2 SFP Ports (561242) passes both data and electrical power to a number of PoE-compatible devices via standard Cat5e or Cat6 network cables. Equipped with 24 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

This high-powered switch supports the IEEE 802.3at protocol and can 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.

Innovative LCD Status Display

The Intellinet Network Solutions 24-Port Gigabit Ethernet PoE+ Switch with 2 SFP Ports is equipped with an LCD status screen on the front that provides real-time power information. This includes how much power each connected PoE device consumes, the combined used-power total of all connected devices and the total power available. Additionally, the LCD screen informs users of

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potential warnings for overload, high temperature, short-circuit protection and others. Thanks to this feature, you are always informed about the status of your PoE switch with a glance at the screen.

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.

* *Total PoE budget for this switch is 370*

Features:

- Provides power and data connection for up to 24 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
- LCD display for easy access to real-time PoE status monitoring
- IEEE 802.3at/af-compliant RJ45 PoE/PoE+ output ports
- Power output up to 30 watts per port*
- PoE power budget of 370 watts
- Two small form-factor pluggable GBIC module slots (SFP)
- 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
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- 52 Gbps switch fabric
- Green Ethernet power-saving technology deactivates unused ports and adjusts power levels based on the cable length
- 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
- 512 kBytes buffer memory
- Two high-volume cooling fans ensure perfect ventilation
- Includes 19" rackmount brackets
- Fully NDAA-compliant
- Three-Year Warranty

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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 802.3az (Energy Efficient Ethernet EEE)
• IEEE 802.3u (100Base-TX Fast Ethernet)
• IEEE 802.3x (flow control for full duplex mode)

General
• Media support:
  - 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
• Buffer memory: 512 kBytes
• Backplane speed: 52 Gbps
• Switch architecture: store and forward
• MTBF: 144,000 hours
• Display:
  - Type: LCD
  - Resolution: 128 x 64 pixels
  - Viewing area: 43 mm x 23 mm (1.69" x 0.9")
• Cooling
  - Cooling fans (2)
  - Noise level: 21.3 db/A
  - Airflow: 6.76 CFM
• Pinout RJ45 output ports (Data + Power)
  - IEEE Alternative A
  - Pin 1: Vport [+]
  - Pin 2: Vport [+]
  - Pin 3: Vport [-]
  - Pin 4: Unused
  - Pin 5: Unused
  - Pin 6: Vport [-]
  - Pin 7: Unused
  - Pin 8: Unused
• Certifications: FCC Class A, CE, RoHS, UKCA, NDAA

LEDs
• Power

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• PoE
• Link/activity/speed

Power
• Input: 100 - 240 V AC, 50 - 60 Hz
• Power consumption: 420 watts (maximum)

Environmental
• Metal housing
• Dimensions: 204.3 (L) x 441.1 (W) x 44 (H) [mm] / 8.04 (L) x 17.37 (W) x 1.73 (H) [in]
• Weight: 4.1 kg (9 lbs.)
• Operating temperature: 0 - 45°C (32 - 113°F)
• Operating humidity: 10 - 90% RH, non-condensing
• Storage temperature: -10 - 70°C (14 - 158°F)

Package Contents
• 24-Port Gigabit Ethernet PoE+ Switch with 2 SFP Ports and LCD Screen
• Power cable
• User manual
• 19" mounting brackets






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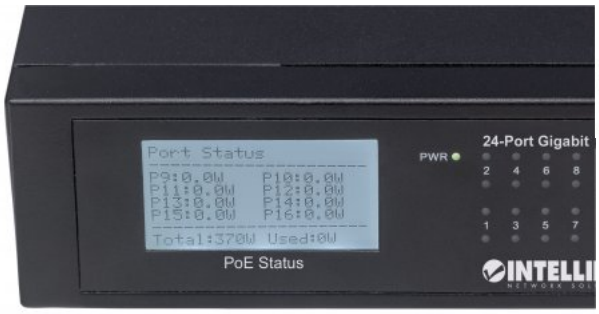



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