

8-Port Gigabit Ethernet PoE+ Switch

IEEE 802.3at/af Power over Ethernet (PoE+/PoE) Compliant, 60 W, Desktop

Part No.: 561204

Save installation time and money with PoE.

The Intellinet 8-Port Gigabit PoE+ Switch 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, 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 8-Port Gigabit 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.

Private VLAN

The Intellinet 8-Port Gigabit PoE+ Switch features port isolation, also referred to as "Private VLAN". It isolates all ports from each other and only allows access to the uplink port. This is useful, for example, if a private VLAN is a hotel where each room or apartment has a network port for Internet access. All ports can all access the Internet, but they cannot access each other. The setup is easy: Activate the VLAN switch on the front panel of the switch, and the VLAN is enabled. That is secure port isolation with the flip of a switch!

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 the new energy-efficient IEEE 802.3az technology, the Intellinet 8-Port Gigabit PoE+ Switch detects link status to all connected devices and reduces the power usage of ports not in use. In addition, the Intellinet switch can adjust the level of power output based on the length of the network cable connected to a particular port. With the Intellinet 8-Port Gigabit PoE+ Switch you will enjoy maximum network performance, but when things slow down it automatically scales back power usage to conserve energy and save money.

* Total PoE budget for this switch is 60 watts. Per-port average power distribution is 7.5 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

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

- Provides private VLAN (port isolation) functionality
- Green Ethernet power-saving technology deactivates unused ports and adjusts power levels based on the cable length
- Total power budget of 60 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
- 16 Gbps switch fabric
- IEEE 802.3x flow control for full duplex
- Supports up to 4096 MAC address entries
- 1.5 Mb buffer memory
- Fanless design ideal for silent operation
- Desktop-size metal case
- 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 802.3az (Energy Efficient Ethernet EEE)
• 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: 4096 entries
• Buffer memory: 1.5 Mb
• Backplane speed / switch fabric: 16 Gbps
• Switch architecture: store and forward
• Port isolation / private VLAN: Switchable via button on front panel
• Pinout RJ45 output ports (Data + Power)
- IEEE Alternative A
- Pin 1: Rx (data receive) + Vport [+]
- Pin 2: Rx (data receive) + Vport [+]

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

- Pin 3: Tx (data transmit) + Vport [-]
- Pin 4: Unused
- Pin 5: Unused
- Pin 6: Tx (data transmit) + Vport [-]
- Pin 7: Unused
- Pin 8: Unused

• Certifications: FCC Class B, CE, RoHS

LEDs
• PoE
• Power
• Link/activity

Power
• Input: 100 – 240 V AC, 50 – 60 Hz
• Power consumption: 67.3 watts (maximum)

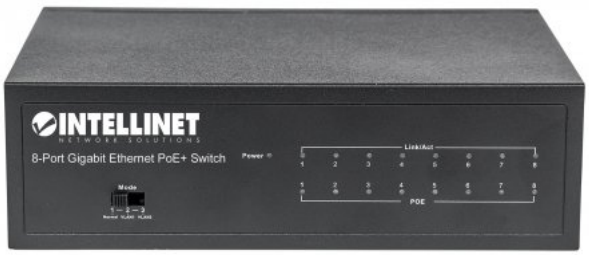
Environmental
• Metal housing
• Dimensions: 118 (L) x 155 (W) x 46 (H) [mm] / 4.65 (L) x 6.1 (W) x 1.81 (H) [in]
• Weight: 0.93 kg (2.04 lbs.)
• Operating temperature: 0 – 40°C (32 – 104°F)
• Operating humidity: 10 – 90% RH, non-condensing

Package Contents
• 8-Port Gigabit PoE+ Switch
• Power adapter
• Power cable
• User manual





For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.









For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.