



8-Port PoE+ Desktop Gigabit Switch

8 x PoE ports, IEEE 802.3at/af Power-over-Ethernet (PoE+/PoE), Endspan, Desktop

Part No.: **560641**

Save Installation Time and Money with PoE

The Intellinet Network Solutions 8-Port PoE+ Desktop Gigabit Switch (560641) 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 PoE+ Desktop Gigabit Switch supports the IEEE 802.3at protocol and is designed to inject up to 34 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 PoE/PoE+ Splitter.

* Total PoE budget for this switch is 130 watts. Maximum per-port power usage cannot exceed 34 watts on ports 1 - 4 and 15.4 watts on ports 5 - 8.

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 34 watts on ports 1 - 4 (IEEE 802.3at)
- Power output up to 15.4 watts on ports 5 - 8 (IEEE 802.3af)
- Total power budget of 130 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 4096 MAC address entries
- 128 kBytes buffer memory
- 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 802.3u (100Base-TX Fast Ethernet)
 - > IEEE 802.3x (flow control, for full duplex mode)

For more information on INTELLINET products, consult your local dealer or visit www.intellinet-network.com.

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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: 128 kB
- » Backplane speed: 16 Gbps
- » Switch architecture: store and forward
- » Certifications: FCC Class B, VCCI Class B, CE, RoHS, EN 60950-1

LEDs

- » PoE
- » Loop
- » Power
- » Link/activity

Power

- » Input: 100 - 240 V AC, 50 - 60 Hz
- » Power consumption: 135 watts (maximum)
- » Ports 1-4: PoE / PoE+ (up to 34 watts per port)
- » Ports 5-8: PoE (up to 15.4 watts per port)

Environmental

- » Metal housing
- » Dimensions: 266 (W) x 184 (L) x 44 (H) mm (10.5 x 7.25 x 1.7 in.)
- » Weight: 2.55 kg (5.6 lbs.)
- » 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

- » 8-Port PoE+ Desktop Gigabit Switch
- » Power cable
- » User manual
- » 19" mounting brackets

