



8-Port 2.5G Ethernet PoE+ Switch

Eight 10/100/1000/2500 Mbps PSE PoE+ Ports, 100 W PoE Power Budget, Unmanaged, Desktop Format, Wall-mount Option

Part No.: **561938**

EAN-13: 0766623561938 | UPC: 766623561938

Next-gen 2.5 Gbps Desktop 8-Port PoE Switch - Supports 10/100/1000/2500 Mbps, Power over Ethernet 802.3at

The 8-Port 2.5G Ethernet Unmanaged PoE+ Switch from Intellinet Network Solutions passes both data and electrical power to a number of PoE-compatible devices via standard Cat5e or Cat6 network cables. Equipped with eight multi-gigabit Ethernet PoE+ copper ports, this Switch can power wireless LAN bridges, VoIP phones and more while delivering network speeds up to 2500 Mbps.

Eliminate bottlenecks with 2.5G capability - great for high-bandwidth Wi-Fi 6 IEEE 802.11ax Access Points and more

Since at least the arrival of Wi-Fi 6 (but even with legacy Wi-Fi 5 [802.11ac]), "regular" Gigabit Ethernet ports have been at their bandwidth limits when connecting to wireless networks. This Switch's ability to support 2.5GBASE-T means it can deliver data to wireless APs faster and better accommodate other higher-bandwidth devices in your enterprise network.

High-power PoE+ with output up to 30 watts

This 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, which eliminates the time and expense of electrical rewiring and minimizes 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.

Features:

- Provides up to eight PoE network devices with power and data
- Ultra-fast 2.5GBASE-T RJ45 Ethernet ports, IEEE 802.3bz compliant
- PoE power budget of 100 watts
- Power output up to 30 watts per port
- 10/100/1000/2500 Mbps auto-sensing ports that automatically detect optimal network speeds
- 40 Gbps switch fabric
- Backward compatible with 10/100/1000 Mbps devices
- Saves installation costs by delivering data and power over existing network cables
- Supports IEEE 802.3at and IEEE 802.3af-compliant PoE devices (e.g., wireless access points, VoIP phones, IP cameras)
- Supports IEEE 802.3at/af detection and short circuit, overload and high-voltage protection
- Auto-MDIX and NWay auto-negotiation support on all RJ45 ports
- Supports jumbo frames up to 12 kBytes
- Store and forward switching architecture
- IEEE 802.3x flow control for full duplex
- Supports 16k MAC address entries with Auto-learning and Auto-aging
- Buffer memory of 12 Mbits
- Compact desktop format with rugged metal housing
- Fanless design for silent operation
- Desktop-size metal case
- Wall mountable for installation flexibility
- 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)
- IEEE 802.3bz (2.5GBASE-T Ethernet)

General

- Media support:
 - 10Base-T Cat3/4/5/5e/6/6a UTP/STP RJ45
 - 100Base-TX Cat5/5e/6/6a UTP/STP RJ45
 - 1000Base-T Cat5e/6/6a UTP/STP RJ45
 - 2.5GBase-T Cat5e/Cat6/6a UTP/STP RJ45

- MAC address table: 16k
- Buffer memory: 12 Mbits
- Forwarding rate: 29.76 Mpps
- Backplane speed / switch fabric: 40 Gbps
- Switch architecture: store and forward
- Certifications: FCC Class A, CE, RoHS, UKCA, NDAA

LEDs

- Power
- Link/Act
- PoE
- PoE Max.

Pinout RJ45 output ports

- Pin 1: DC (+)
- Pin 2: DC (+)
- Pin 3: DC (-)
- Pin 6: DC (-)

Power

- Included power adapter:
 - Input: 100.0 - 240.0 VAC, 50 - 60 Hz, 2.0 A
 - Output: DC, 55.0 V, 2.22 A
 - PoE budget: 100.0 watts (maximum)
 - Power consumption: 105.0 watts (maximum)

Physical

- Metal housing
- Dimensions (L x W x H): 105 x 240 x 27 mm (4.13 x 9.45 x 1.06 in.)
- Net weight: 690 g (1.52 lbs.)
- Gross weight: 1.46 kg (3.22 lbs.)
- Operating temperature: 0 - 40°C (32 - 104°F)
- Storage temperature: -40 - 70°C (-4 - 194°F)
- Operating humidity: 10 - 90% RH, non-condensing
- Storage humidity: 5 - 90% RH, non-condensing

Package Contents

- 8-Port 2.5G Ethernet PoE+ Switch
- Power adapter
- Power cable, 1.5 m (5 ft.)
- Instructions

This product is part of a group; the complete list of variations follows:

- #561921 - 5-Port 2.5G Ethernet PoE+ Switch
- #561938 - 8-Port 2.5G Ethernet PoE+ Switch

