5-Port Gigabit Ethernet PoE+ Switch

Four PSE PoE Ports, IEEE 802.3at/af (PoE+/PoE) Compliant, PoE Power Budget up to 62 W, Desktop Format

Part No.: 561839

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Desktop 5-Port PoE Switch - Supports 10/100/1000 Mbps, Power over Ethernet 802.3at

The 5-Port Gigabit Ethernet 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 five Gigabit Ethernet ports - four of which are high-power PoE+ PSE ports - this switch can power wireless LAN access points and bridges, VoIP phones, IP video cameras and more while delivering network speeds up to 1000 Mbps.

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 four PoE network devices with power and data
- Includes one 10/100/1000 RJ45 uplink port
- PoE power budget of 62 watts
- Power output up to 30 watts per port
- 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
- 10 Gbps switch fabric
- 10/100/1000 auto-sensing ports that automatically detect optimal network speeds
- Auto-MDIX and NWay auto-negotiation support on all RJ45 ports
- Store and forward switching architecture
- IEEE 802.3x flow control for full duplex
- Supports 2k MAC address entries
- Compact desktop format with rugged metal housing
- Grounding point to protect equipment from external electrical surges
- Fanless design ideal for silent operation
- Desktop-size metal case
- 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 Cat5e UTP/STP RJ45, 8 pin
  - 100Base-TX Cat5e UTP/STP RJ45, 8 pin
  - 1000Base-T Cat5e UTP/STP RJ45, 8 pin
• Packet filter/forwarding rate:
  - 1,488,000 pps (1000 Mbps)
  - 148,800 pps (100 Mbps)
  - 14,880 pps (10 Mbps)
• MAC address table: 2k
• Backplane speed / switch fabric: 10 Gbps
• Switch architecture: store and forward
• Certifications: FCC Class A, CE, RoHS, NDAA

LEDs
• Power
• Link/activity
• PoE

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, 48.0 V, 1.35 A
  - PoE budget: 62.0 watts (maximum)
  - Power consumption: 65.0 watts (maximum)

Physical
• Metal housing
• Dimensions (L x W x H): 86 x 130 x 29 mm (3.39 x 5.12 x 1.14 in.)
• Net weight: 770 g (1.7 lbs.)
• Gross weight: 850 g (1.87 lbs.)
• Operating temperature: 0 - 40°C (32 - 104°F)
• Storage temperature: -10 - 70°C (14 - 158°F)
• Operating humidity: 20 - 85% RH, non-condensing
• Storage humidity: 5 - 90% RH, non-condensing

Package Contents
• 5-Port Gigabit Ethernet PoE+ Switch
• Power adapter
• Power cable
• Instructions