

6-Port Fast Ethernet Switch with 4 PoE Ports (1 x High-Power PoE)

65 W PoE Power Budget, One High-Power 60 W PSE PoE Port, Three IEEE 802.3at/af PSE PoE Ports, PoE Extend Mode, Two RJ45 Uplink Ports, VLAN

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A Fast Ethernet PoE Switch with extend mode and a lot of PoE power - ideal for IP camera installations

The 6-Port Fast Ethernet Switch with 4 PoE Ports from Intellinet Network Solutions stands out with useful features that are particularly useful for IP camera installations. A manual PoE extend mode – to be activated at the flip of a switch – reduces network speed and extends PoE support up to 250 m (820 ft.), which is ideal for remote IP cams and other PoE devices.

Save time and money with Power over Ethernet

Three of its four PoE ports deliver data and power up to 30 W each to IEEE 802.3at or IEEE 802.3af-compliant PoE devices such as wireless access points, VoIP phones and IP cameras. One high-power PoE port even delivers up to 60 W with a total PoE power budget of 65 watts. 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 use of an Intellinet Network Solutions PoE/PoE+ Splitter.

Features:

- Provides up to four PoE network devices with power and data
- Manual PoE extend mode (reduces network speed and extends PoE support to 250 m/820 ft.)
- PoE extend mode ideal for IP camera installations
- One high-power PSE PoE Port with power up to 60 W, three IEEE 802.3at/af PSE PoE Ports with up to 30 W each
- PoE power budget of 65 watts
- Two RJ45 Fast Ethernet uplink ports
- On/off switch to toggle VLAN
- Saves time and money by delivering data and power via existing network cables
- 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
- Grounding point to protect equipment from external electrical surges
- 10/100 auto-sensing ports automatically detect optimal network speeds
- Switch fabric of 1.2 Gbps
- Supports 1k MAC address entries with Auto-Learning and Auto-Aging
- Store and forward switching architecture
- Supports IEEE 802.3x flow control on full duplex and backpressure on half duplex
- LEDs for power, link/activity and PoE
- Fanless design ideal for silent operation
- Fully NDAA-compliant
- Three-year warranty

Specifications:

Standards
• IEEE 802.3af (Power over Ethernet)
• IEEE 802.3at (High-Power PoE+ Power over Ethernet)
• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3u (100Base-TX Fast Ethernet)
• IEEE 802.3x (flow control for full-duplex mode)

General
• Media support:

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- 10Base-T Cat5e UTP/STP RJ45, 8 pin
- 100Base-TX Cat5e UTP/STP RJ45, 8 pin
• Packet filter/forwarding rate:
- 148,800 pps (100 Mbps)
- 14,880 pps (10 Mbps)
• MAC address table: 1,000 entries
• Backplane speed: 1.2 Gbps
• Switch architecture: store and forward
• Certifications: FCC Class B, CE, RoHS, UKCA, NDAA

LEDs
• Power
• PoE
• Link/activity/speed

PoE Pinout
• IEEE 802.3af/at
- Pin 1: DC (+)
- Pin 2: DC (+)
- Pin 3: DC (-)
- Pin 6: DC (-)

PoE Pinout
• Port 1 (60W)
- Pin 3: DC (+)
- Pin 4: DC (+)
- Pin 5: DC (+)
- Pin 6: DC (+)
- Pin 1: DC (-)
- Pin 2: DC (-)
- Pin 7: DC (-)
- Pin 8: DC (-)

Power
• Input: 100.0 - 240.0 VAC, 50 - 60 Hz; DC In: 44.0 - 57.0 V
- PoE budget: 65.0 watts

Environmental
• Metal housing
• Dimensions: 87 x 153 x 29 mm (3.43 x 5.43 x 1.97 in.)
• Weight: 410 g (0.9 lbs.)
• Operating temperature: 0 - 40°C (32 - 104°F)
• Storage temperature: -10 - 70°C (14 - 158°F)
• Operating humidity: 5 - 95% RH, non-condensing

Package Contents
• 6-Port Fast Ethernet Switch with 4 PoE Ports (1 x High-Power PoE)
• Power adapter
• Instructions





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