



8-Port PoE Web-Smart Switch

8 x 15.4 Watts PoE ports, Class 3 IEEE 802.3af compliant, Endspan, Desktop

Part No.: **502917**

Deliver Power over Ethernet to Remote Devices.

The INTELLINET NETWORK SOLUTIONS PoE Office Switch, Model 502917, is equipped with eight 10/100 BASE-TX Fast Ethernet ports, all of which support 802.3af Power over Ethernet (PoE). Besides being a versatile network LAN switch, it also provides a Power over Ethernet option that supplies power injection into 802.3af-compliant devices, such as IP phones, wireless access points and network cameras.

Power over Ethernet 802.3af

The PoE Office Switch has eight 10/100 Base-TX ports that support the 802.3af protocol and is designed to inject up to 15.4 Watts per port. Any device that is 802.3af compliant can be attached to the switch, and no additional power will be required to support the attached device. This eliminates the time and expense of electrical power rewiring and minimizes the clutter of power supplies and adapters in awkward places such as ceilings and walls. For devices that are not 802.3af compliant, use the PoE Splitter* to send power through the Ethernet cabling to your older wireless access points or network cameras.

Optimum Performance

Besides providing 802.3af Power over Ethernet functionality, the PoE Office Switch also has some very impressive features as a switch. For starters the auto features of this switch make installation Plug and Play and hassle free. No configuration is required. Auto-MDI/MDI-X crossover on all ports eliminates the need for crossover cables for connection to another switch or hub. Auto-Negotiation on each port senses the link speed of a network device (either 10 or 100) and intelligently adjusts for compatibility and optimal performance.

* Contact your INTELLINET NETWORK SOLUTIONS reseller for ordering information.

Features:

- 10/100 auto-sensing ports automatically detect optimal network speeds
- IEEE 802.3af-compliant RJ45 PSE/PoE output ports
- Power output up to 15.4 Watts per port
- All RJ45 ports with Auto-MDIX (auto uplink) support
- Supports NWay auto-negotiation
- Supports 8 VLAN groups, port-based and tagged VLAN support
- Supports Quality of Service (QoS), port-based and tagged with 2 priority levels
- Supports bandwidth control per port
- Supports MAC address locking per port
- Broadcast storm control enable/disable
- Store and forward switching architecture
- Full/half duplex operation
- IEEE 802.3x flow control for full duplex

- Zero packet loss back-pressure flow control for half duplex
- Packet filtering/forwarding rates: 148,800 pps (100 Mbps), 14,880 pps (10 Mbps)
- Supports 4096 MAC address entries
- 128 kBytes buffer memory
- Desktop-size metal case
- LEDs for power, link/activity and PoE
- Three-Year Warranty

Specifications:

Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control, full duplex mode)
- IEEE 802.3af (Power over Ethernet)
- IEEE 802.1p (traffic prioritization)

General

- Media support:
 - 10Base-T Cat3, 4, 5 UTP/STP RJ45
 - 100Base-TX Cat5 UTP/STP RJ45
- Ports: 8 RJ45 10/100 Mbps PoE ports
- Packet filter/forwarding rate:
 - 148,800 pps (100 Mbps)
 - 14,880 pps (10 Mbps)
- Configuration options:
 - Port bandwidth control: Disable/128/256/512/1024/2048/4096/8192 kbps
 - VLAN: port-based and tagged, up to 8 groups
 - Quality of Service (QoS): 2 priority levels and port-based ratio controlling the ratio between high and low priority
 - Full and half duplex per port
 - Enable/disable per port
 - MAC address locking
- Certifications: FCC Class A, CE

LEDs

- Power
- Link/activity for 10 and 100 Mbps
- PoE

Power

- Input: 90 – 260 V AC, 50 – 60 Hz
- Power consumption: 130 Watts (maximum)

Environmental

- Metal housing
- Dimensions: 266 (W) x 160 (L) x 44 (H) mm (10.5 x 6.3 x 1.7 in.)

- Weight: 1.4 kg (3.0 lbs.)
- Operating temperature: 0 – 60°C (32 – 140°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)

Package Contents

- 8-Port PoE Web-Smart Switch
- Power cable
- User manual

