



8-Port Fast Ethernet PoE+ Web-Smart Switch

8 x PoE ports, IEEE 802.3at/af Power-over-Ethernet (PoE+/PoE), Endspan, Desktop
Part No.: **560665**

Save installation time and money with PoE.

The Intellinet 8-Port Fast Ethernet PoE+ Web-Smart Switch (560665) 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 Fast Ethernet ports (all of which support 802.3at/af PoE/PoE+), this switch can power wireless LAN access points and bridges, VoIP phones, IP video cameras and more while delivering network speeds of up to 100 Mbps.

Power over Ethernet 802.3at

The Intellinet 8-Port Fast Ethernet PoE+ Web-Smart Switch supports the IEEE 802.3at protocol and is designed to inject up to 30 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 use of an Intellinet PoE/PoE+ Splitter.

Web-Management

This PoE switch is equipped with an impressive array of advanced management functions that allow you to be in full control over your network. The 8-Port Fast Ethernet PoE+ Web-Smart Switch supports VLAN, port aggregation, QoS and port mirroring, just to name a few.

* Total PoE budget for this switch is 126 watts. Per-port average power distribution is 15.75 watts; maximum per-port power usage cannot exceed 30 watts.

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 auto-sensing ports automatically detect optimal network speeds
- IEEE 802.3at/af-compliant RJ45 PoE/PoE+ output ports
- Power output up to 30 Watts per port*
- PoE power budget of 126 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

- Web-based configuration
- Supports VLAN (tag-based and port-based)
- Supports link aggregation (trunking)
- Supports port mirroring
- Supports two types of QoS: 802.1p and DSCP
- Supports bandwidth control per port
- Broadcast storm control with multicast packet rate settings
- Store and forward switching architecture
- Supports Rapid Spanning Tree/Spanning Tree protocol
- IEEE 802.3x flow control for full duplex
- Supports up to 4096 MAC address entries
- 160 kBytes buffer memory
- Desktop-size metal case
- Three-Year Warranty

Specifications:

Standards

- IEEE 802.1d (Spanning Tree Protocol)
- IEEE 802.1p (Traffic Prioritization)
- IEEE 802.1q (VLAN Tagging)
- IEEE 802.1w (Rapid Spanning Tree Protocol)
- IEEE 802.3ad (Link Aggregation)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ad (Link Aggregation Control Protocol LACP)
- 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 Cat3, 4, 5 UTP/STP RJ45
 - 100Base-TX Cat5 UTP/STP RJ45
- Packet filter/forwarding rate:
 - 148,800 pps (100 Mbps)
 - 14,880 pps (10 Mbps)
- MAC address table: 4096 entries
- Backplane speed: 1.6 Gbps
- Switch architecture: store and forward
- Configuration Options:
 - Port link speed: 10 Mbps, 100 Mbps or auto-negotiation
 - PoE on/off per port
 - Flow control on/off per port
 - VLAN
 - Port Mirroring
 - Port Aggregation/LACP: 2 groups with up to 4 member ports per trunk

- Broadcast Storm configuration with broadcast rate, multicast rate, and flooded unicast rate
- IGMP Snooping
- Quality of Service (QoS): 802.1p or DSCP
- LAN settings (IP address, DHCP, Gateway, etc.)
- Certifications: FCC Class A, CE

LEDs

- PoE
- Power
- Link/activity

Power

- Input: 100 – 240 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: 2.0 kg (4.4 lbs.)
- Operating temperature: 0 – 45°C (32 – 113°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)

Package Contents

- 8-Port Fast Ethernet PoE+ Web-Smart Switch
- Power cable
- User manual



