

8-Port Fast Ethernet PoE+ Web-Smart Switch with 1 Gigabit Combo Port

8 x PoE ports, IEEE 802.3at/af Power-over-Ethernet (PoE+/PoE), 1 x SFP/RJ45 Combo, Endspan, Desktop, 19" Rackmount

Part No.: 561358

The perfect solution to connect up to eight PoE-enabled network cameras to your NVR!

The Intellinet 8-Port Fast Ethernet PoE+ Web-Smart Switch with 1 Gigabit Combo Port (561358) 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 Gigabit 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 1000 Mbps.

Power over Ethernet 802.3at

The Intellinet 8-Port Fast Ethernet PoE+ Web-Smart Switch with 1 Gigabit Combo Port (561358) 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 using 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 switch supports VLAN, port aggregation, QoS and port mirroring — just to name a few. The switch offers an impressive array of PoE-related management features as well such as a scheduler or a PoE Power Delay function, which allows you to program a startup sequence for your PoE-compliant devices and eliminate potential problems caused by the increased power draw at startup. The sequential power-up guarantees a smooth startup procedure for all connected networking devices (i.e., your PoE-enabled network cameras).

Gigabit Uplink

The Intellinet 8-Port Fast Ethernet PoE+ Web-Smart model (561358) is equipped with one 1-Gigabit combo port. Available as both an on-board RJ45 port and an optional SFP transceiver module slot, the Gigabit uplink port is ideal to connect the switch to the network's backbone, a server or, perhaps, your video recording solution (NVR).

* Total PoE budget for this switch is 130 watts. Per-port average power distribution is 16.25 watts; maximum per-port power usage cannot exceed 30 watts.

Features:

- Provides power and data connection for up to eight PoE network devices
- The ideal solution for connecting PoE-enabled surveillance cameras to an NVR at Gigabit speeds

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- For use on desktop or mounted in standard 19" rack
- Eight 10/100 Mbps IEEE 802.3at/af-compliant RJ45 PoE ports and 1 Gigabit combo port
- 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
- Power output up to 30 watts per port*
- PoE power budget of 130 watts
- 3.6 Gbps switch fabric
- PoE Management - PoE port settings, schedule and power-on delay
- Supports VLAN, QoS, bandwidth control per port
- IGMP Snooping for multicast filtering
- Broadcast storm control and Port mirroring
- Supports VLAN (tag-based and port-based) with VLAN pass-through
- Supports Spanning Tree protocol
- QoS (Quality of Service) bandwidth management
- LACP Link Aggregation
- Supports bandwidth control per port
- Web-based configuration
- 11" metal housing
- Includes 19" rackmount brackets
- Three-Year Warranty

Specifications:

Standards
• IEEE 802.1d (Spanning Tree Protocol)
• IEEE 802.1p (Traffic Prioritization)
• IEEE 802.1q (VLAN Tagging)
• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3ab (Twisted Pair Gigabit 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
• MAC address table: 4k
• Buffer memory: 352 kB
• Backplane speed / switch fabric: 3.6 Gbps
• Switch architecture: store and forward
• Configuration options:

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- Port link speed: 10 Mbps, 100 Mbps, 1000 Mbps or auto-negotiation
- PoE on/off per port
- PoE maximum power per port
- PoE mode per port
- PoE scheduling
- PoE power delay
- Flow control on/off per port
- VLAN
- Rate limiting (ingress rate and egress rate)
- Port Mirroring
- Port Aggregation/LACP: 8 groups
- Broadcast Storm control
- IGMP Snooping
- Quality of Service (QoS): port-based, 802.1p, DiffServ
- SNMP traps
- LAN settings (IP address, Gateway, etc.)

• Pinout RJ45 output ports (Data + Power)

- IEEE Alternative A
- Pin 1: Rx (data receive) + Vport [+]
- Pin 2: Rx (data receive) + Vport [+]
- Pin 3: Tx (data transmit) + Vport [-]
- Pin 4: Unused
- Pin 5: Unused
- Pin 6: Tx (data transmit) + Vport [-]
- Pin 7: Unused
- Pin 8: Unused

• Certifications: FCC Class A, CE

LEDs
• PoE
• Power
• Link/Activity

Power
• Input: 100 – 240 VAC, 50 – 60 Hz
• Power consumption: 150 watts (maximum)

Environmental
• Metal housing
• Dimensions: 180 (L) x 278 (W) x 44 (H) [mm] (7.09 (L) x 10.94 (W) x 1.73 (H) [in])
• Weight: 1.9 kg (4.2 lbs.)
• Operating temperature: 0 – 40°C (32 – 104°F)
• Operating humidity: 10 – 90% RH, non-condensing
• Storage temperature: -10 – 70°C (14 – 158°F)

Package Contents
• 8-Port Fast Ethernet PoE+ Web-Smart Switch with 1 Gigabit Combo Port
• Power cable

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- User manual









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