

8-Port Gigabit Ethernet PoE+ Web-Managed Switch with 2 SFP Ports

8 x PoE ports, IEEE 802.3at/af Power-over-Ethernet (PoE+/PoE), 2 x SFP, Endspan, Desktop, 19" Rackmount

Part No.: 561051

Save installation time and money with PoE.

The Intellinet 8-Port Gigabit Ethernet PoE+ Web-Managed Switch (561051) 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 Gigabit Ethernet PoE+ Web-Managed 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 Gigabit Ethernet PoE+ Web-Managed Switch supports VLAN, port aggregation, QoS and port mirroring, and supports SNMP V1 and the popular V2c — just to name a few.

Eliminate Bottlenecks with a total of 10 Gigabit Ports

Equipped with eight auto-sensing 10/100/1000 Mbps RJ45 Gigabit Ethernet ports, this switch offers plenty of performance for your computers, servers and other networking devices. in addition, two small form-factor pluggable GBIC module slots (SFP) provide fiber connectivity for greater distances. These are not shared combo-ports, but true Gigabit ports, pushing the total available bandwidth up to 20 Gbps.

* Total PoE budget for this switch is 140 watts. Per-port average power distribution is 17.5 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
- For use on desktop or mounted in standard 19" rack

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- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- Two small form-factor pluggable GBIC module slots (SFP)
- IEEE 802.3at/af-compliant RJ45 PoE/PoE+ output ports
- Power output up to 30 watts per port*
- PoE power budget of 140 watts
- 20 Gbps switch fabric
- Supports IEEE 802.3at and IEEE 802.3af-compliant PoE devices (wireless access points, VoIP phones, IP cameras)
- Green Ethernet power-saving technology deactivates unused ports and adjusts power levels based on the cable length
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- 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 SNMP management
- SNMP V1, V2C, V3 with RMON groups 1, 2, 3 & 9
- Supports VLAN (tag-based and port-based)
- Supports link aggregation (trunking)
- Supports port mirroring
- Supports three types of QoS: CoS (802.1p), DSCP and IP precedence
- Broadcast storm control with multicast packet rate settings
- Store and forward switching architecture
- Supports jumbo frames up to 9 kBytes
- Supports Rapid Spanning Tree/Spanning Tree protocol
- IEEE 802.3x flow control for full duplex
- Supports 8k MAC address entries
- 512 kBytes buffer memory
- Desktop-size metal case
- 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 802.1w (Rapid Spanning Tree Protocol)
• IEEE 802.3ad (Link Aggregation)
• 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)

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• IEEE 802.3az (Energy Efficient Ethernet EEE)

General
• Media support:
- 10Base-T Cat3, 4, 5 UTP/STP RJ45
- 100Base-TX Cat5 UTP/STP RJ45
- 1000Base-T Cat5e UTP/STP RJ45
• Packet filter/forwarding rate:
- 1,488,000 pps (1000 Mbps)
- 148,800 pps (100 Mbps)
- 14,880 pps (10 Mbps)
• MAC address table: 8192 entries
• Buffer memory: 512 kBytes
• Backplane speed: 20 Gbps
• Switch architecture: store and forward
• Configuration options:
- Port link speed: 10 Mbps, 100 Mbps, 1000 Mbps or auto-negotiation
- PoE on/off per port
- Flow control on/off per port
- VLAN
- Port Mirroring
- Port Aggregation/LACP
- Broadcast Storm configuration
- IGMP Snooping
- Quality of Service (QoS): 802.1p or DSCP or IP Precedence
- SNMPv1/v2c/v3 (Simple Network Management Protocol)
- RMON groups (statistic, history, alarm and event)
- LAN settings (IP address, DHCP, Gateway, etc.)
• Monitoring options:
- Traffic statistics
- LACP status
- LLDP statistics
- IGMP status
• Pinout RJ45 output ports (Data + Power)
- IEEE Alternative B
- Requires 8-pin RJ45 network cable
- Pin 1: Rx+ (data receive)
- Pin 2: Rx- (data receive)
- Pin 3: Tx+ (data transmit)
- Pin 4: -Vdc_return (+) (feeding power [+])
- Pin 5: -Vdc_return (+) (feeding power [+])
- Pin 6: Tx- (data transmit)
- Pin 7: -Vdc (feeding power [-])
- Pin 8: -Vdc (feeding power [-])
• Certifications: FCC Class A, CE

LEDs
• PoE

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• Power
• Link/activity

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

Environmental
• Metal housing
• Dimensions: 280 (L) x 180 (W) x 44 (H) [mm] / 11.02 (L) x 7.09 (W) x 1.73 (H) [in.]
• Weight: 1.6 kg (3.5 lbs.)
• Operating temperature: 0 – 45°C (32 – 113°F)
• Operating humidity: 10 – 90% RH, non-condensing
• Storage temperature: -10 – 70°C (14 – 158°F)

Package Contents
• 8-Port Gigabit Ethernet PoE+ Web-Managed Switch with 2 SFP Ports
• 19" rackmount brackets
• Power cable
• Instructions









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