

5-Port PoE++ Switch with 4 Gigabit Ethernet Ports and 1 RJ45 Gigabit Uplink Port

140 W PoE Power Budget, IEEE 802.3bt (4PPoE) Compliant, Four PSE PoE++ Ports (90 W), Unmanaged, Desktop Format, Wall-mount Option

SKU: 562010 | EAN-13: 0766623562010 | UPC: 766623562010

IEEE 802.3bt PoE Switch 5 Port - Unmanaged Desktop Gigabit PoE++ Switch with 10/100/1000 Mbps Uplink

The 5-Port PoE++ Switch with 4 Gigabit Ethernet Ports and 1 RJ45 Gigabit Uplink Port from Intellinet Network Solutions is the extra-powerful choice for small businesses. Four 10/100/1000BASE-T 4PPoE (PoE++) ports deliver up to 90 watts to even the most power-hungry devices like Thin Clients, POS systems or PTZ speed dome cameras. Any IEEE802.3bt/at/af-compliant device attached to the switch PoE ports requires no additional power, which avoids the time and expense of electrical rewiring and reduces the clutter from power supplies and adapters on 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.

Gigabit Uplink

This PoE switch (5 port model) is equipped with one Gigabit RJ45 port, which is ideal for connecting the switch to the network's backbone, a server or your video recording solution (NVR). The resulting PoE switch network can comfortably handle your power and data needs in an immediate area while providing the necessary link to a core network.

Wall-mount option

For greater flexibility in your installation, you can mount this unmanaged PoE switch to the wall through its four built-in holes. It also includes non-slip rubber feet to place it on a desktop.

Features:

- Provides up to four PoE network devices with power and data
- One RJ45 Gigabit uplink port
- PoE power budget of 140 watts
- Four Power over Ethernet ports with output up to 90 watts per port
- 10 Gbps switch fabric / switching capacity
- 10/100/1000 auto-sensing ports that automatically detect optimal network speeds
- Supports IEEE 802.3bt/at/af-compliant PoE devices (wireless access points, VoIP phones, IP cameras and more)
- Supports IEEE 802.3bt/at/af detection and short circuit, overload and high-voltage protection
- Saves installation costs by delivering data and power over existing network cables
- Supports two PoE++ modes, selectable with a DIP switch: IEEE 802.3bt and UPoE
- Auto-MDIX and NWay auto-negotiation support on all RJ45 ports
- Supports jumbo frames up to 9216 Bytes
- Store and forward switching architecture
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports 2k MAC address entries with Auto-learning and Auto-aging
- Buffer memory of 1 Mbit
- Grounding point to protect equipment from external electrical surges
- Port surge protection up to 4 kV
- ESD protection up to 8 kV for air and 6 kV for contact
- Mounting holes for wall-mount installation
- Rubber feet for non-slip desktop use
- Fanless design ideal for silent operation
- Fully NDAA-compliant
- Three-year warranty

Specifications:

Standards

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

• IEEE 802.3 (10Base-T Ethernet)
• IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
• IEEE 802.3af (Power over Ethernet 802.3at Type 1)
• IEEE 802.3at (Power over Ethernet 802.3at Type 2)
• IEEE 802.3bt (PoE++/4PPoE/Ultra Power over Ethernet)
• IEEE 802.3u (100Base-TX Fast Ethernet)
• IEEE 802.3x (flow control for full duplex mode)

General
• Media support:
  - 10Base-T Cat5e UTP/STP RJ45, 8 pin
  - 100Base-TX Cat5e UTP/STP RJ45, 8 pin
  - 1000Base-T Cat5e UTP/STP RJ45, 8 pin
• MAC address table: 2k
• Buffer memory: 1 Mbit
• Forwarding rate: 7.44 Mpps
• Backplane speed/switch fabric: 10 Gbps
• Switch architecture: store and forward
• MTBF: >50k hours
• Certifications: FCC, CE, RoHS, UKCA, NDAA

DIP switch functions to select the PoE standard of the connected PDs:
• 802.3bt (for fully compliant 802.3bt/at/af PDs)
• UPoE (for PDs that support the maximum power from PSE over four pairs, regardless of the PD class, including Cisco Universal Power over Ethernet)

LEDs
• Power
• Link/Activity
• PoE

Pinout RJ45 output ports
- Pin 1: DC (-)
- Pin 2: DC (-)
- Pin 3: DC (+)
- Pin 4: DC (+)
- Pin 5: DC (+)
- Pin 6: DC (+)
- Pin 7: DC (-)
- Pin 8: DC (-)

Power
• Included external power adapter:
  - Input: 100.0 - 240.0 VAC, 50 - 60 Hz
  - Output: DC, 55.0 V, 2.8 A
  - PoE budget: 140.0 watts (max.)
  - Power consumption: 150.0 watts (max.)

Physical
• Metal housing
• Dimensions (L x W x H): 94 x 168 x 32 mm (3.7 x 11.02 x 1.73 in.)
• Net weight: 395 g (0.87 lbs.)
• Gross weight: 1.45 kg (3.2 lbs.)
• Operating temperature: 0 - 40°C (32 - 104°F)
• Storage temperature: -40 - 70°C (-4 - 194°F)
• Operating humidity: 10 - 90% RH, non-condensing
• Storage humidity: 5 - 90% RH, non-condensing

Package Contents
• 5-Port PoE++ Switch with 4 Gigabit Ethernet Ports and 1 RJ45 Gigabit Uplink Port
• Power adapter
• Power cable
• Instructions
• Four rubber feet

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.













For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.