



Gigabit High-Power PoE+ Injector

1 x 30 W, IEEE 802.3at/af Power over Ethernet (PoE+/PoE)

Part No.: **560566**

Reduce costs by using existing Cat5 cable to provide both power and data.

The Intellinet Network Solutions 1-Port Gigabit High-Power PoE+ Injector allows you to connect your IEEE 802.3af/at-compliant products to a non-PoE LAN switch port. The PoE Injector can be used to connect a wireless access point, IP phone, network camera or any IEEE 802.3af/at-powered device (PD) to a switch. The device has an output power rating of up to 30 watts. That's enough for even power-hungry PoE devices.

Reduce Wiring Costs

No need to run AC power lines for your wireless access point, network camera or IP phone. Simply connect the PoE Injector to the LAN switch port, and use the existing Cat5 cabling to deliver DC power as well as transfer data.

Protect Your Equipment

Now that you are running DC power to your networked equipment through the Cat5e/6 cabling, you need to be sure that the products are protected from power problems. The PoE Injector was designed to protect equipment from short circuits (short GRND), current overloads and high voltages.

Features:

- Save time and money by delivering data and power via existing network cables
- Power output of up to 30 watts
- Supports all IEEE 802.3at- and IEEE 802.3af-compliant PoE devices (Wireless LAN access points and bridges, VoIP [Voice over Internet Protocol] telephones, IP surveillance cameras)
- Supports IEEE 802.3at/af detection and short circuit, overload and high-voltage protection
- Fanless design ideal for silent operation
- Three-Year Warranty

Specifications:

Standards

- IEEE 802.3af (Power over Ethernet)
- IEEE 802.3at (High-Power PoE+ Power over Ethernet)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ab (Gigabit Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)

General

- Media support:
 - 100Base-TX Cat5 UTP/STP RJ45, 8 pin
 - 1000Base-T Cat5e UTP/STP RJ45, 8 pin
- Ports:
 - 1 RJ45 1000 Mbps input port
 - 1 RJ45 1000 Mbps data and power output port
 - 1 power input connector for external power adapter
- Protection functions:
 - Short circuit protection for short GND
 - Overload protection for currents over 1.8 A
 - High-voltage protection for output voltage exceeding 58 V
- Compatibility - general: all IEEE 802.3at- and IEEE 802.3af-compliant PoE devices
- Supported INTELLINET NETWORK SOLUTIONS products:
 - Wireless 300N Access Points (524735, 524711, 525251)
 - IEEE 802.3at PoE+ Splitter (560443)
 - Network Cameras (550932 NBCC30-IR, 550963 NFC30-IR, 550949 NFC30, 550987 NFD30, 551021 NFC31, 551045 NFC31-IR, 551229 NFD130-IR, 551236 NFD130-IRV)
- Certifications: FCC Class B Part 15, CE 89/336/EEC

RJ45 Output Connector Pinout (Data + Power)

- 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 [-])

LED

- PoE, Power

Power

- Input: 100 – 240 V AC, 50 – 60 Hz
- Power consumption: 42 watts (maximum)

Environmental

- Metal housing
- Dimensions: 154 (L) x 72 (W) x 35 (H) mm (6.0 x 2.81 x 1.37 in.)
- Weight: 0.79 kg (1.73 lbs.)
- Operating temperature: 5 – 45°C (41 – 113°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 55°C (-4 – 131°F)

Package Contents

- Gigabit High-Power PoE+ Injector
- Power cable
- Installation material (2 screws and drywall anchors)
- Instructions



