



## Industrial Gigabit Ultra PoE Injector

1 x 60 W Port, IEEE 802.3bt/at/af Power over Ethernet (Ultra POE/PoE+/PoE), Metal Housing

Part No.: **561389**

### Get power and data over your existing LAN cable.

The Intellinet Network Solutions Industrial Gigabit High-Power PoE+ Injector connects 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 60 watts, enough even for power-hungry PoE devices.

### Reduce Wiring Costs

This smart solution avoids the 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 LAN cabling to deliver DC power as well as transfer data.

#### Features:

- Full IEEE802.3af, IEEE802.3at & IEEE802.3bt compliance
- Up to 60 W of power on four pairs
- Auto-detection of any IEEE802.3af, IEEE802.3at & IEEE802.3bt powered device (PD)
- Supports 10/100/1000Base-T applications
- LED indicators for power input and PoE output
- Supports distances up to 100 m (330 ft.)
- DC input of 45 – 56 V
- Option for DIN-rail installation
- IP30 slim-type metal case
- ESD protection level of 6 kV
- DCIN port surge-protection level 8/20  $\mu$ s, DM/CM 3 kA

For more information on Intellinet products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

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- RJ45 port surge-protection level 10/700  $\mu$ s, DM/CM 6 kV
- Wide operating temperature: -40 – 75° (-40 – 167°F)
- Three-year warranty

## Specifications:

### Standards

- IEEE 802.3af (Power over Ethernet)
- IEEE 802.3at (High-Power PoE+ Power over Ethernet)
- IEEE 802.3bt (Ultra 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 UTP/STP RJ45, 8 pin
  - 1000Base-T UTP/STP RJ45, 8 pin
- Ports:
  - One RJ45 1000 Mbps input port
  - One RJ45 1000 Mbps data and power output port
  - One DC input (terminal block)
- Compatibility with:
  - All IEEE 802.3at-, IEEE 802.3af-compliant PoE devices
  - IEEE 802.3bt-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 A Part 15B
- CE

### EMI

- EN 55022
- EN 61000-3-2
- EN 61000-3-3

### EMS

- EN 61000-4-2 (ESD)
- EN 61000-4-3 (RS)
- EN 61000-4-4 (EFT)
- EN 61000-4-5 (Surge)
- EN 61000-4-6 (CS)
- EN 61000-4-8 (PFMF)
- IEC 60068-2-32 (Free fall)

60068-2-27 (Shock)  
60068-2-6 (Vibration)

#### Power Pin Assignment

- 3/6/4/5(+), 1/2/7/8(-)
- MODE A power delivery (supplies power as End-Span)

#### LED

- PoE, power

#### Power

- DC Input Voltage: 45 – 56 V
- DC 42 – 54 V (based on power input)

#### Environmental

- Metal housing IP30
- Dimensions: 78 (L) x 32 (W) x 103 (H) [mm] / 3.07 (L) x 1.26 (W) x 4.06 (H) [in]
- Weight: 295 g (0.65 lbs.)
- Operating temperature: -40 – 75°C (-40 – 167°F)
- Operating humidity: 5 – 95% RH, non-condensing
- Storage temperature: -40 – 85°C (-40 – 185°F)

#### Package Contents

- Industrial Gigabit High-Power PoE+ Injector
- User manual



