



## 2-Port Gigabit Ultra PoE Injector

One 50 W Port and One 30 W Port, Switching Capabilities, IEEE 802.3at/af Compliant, Plastic Housing

Part No.: **561488**

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### Inject 80 Watts of Power Into Your Internet of Things (IoT) or PoE Network!

#### Up to the task

The Intellinet Network Solutions 2-Port Gigabit Ultra PoE Injector provides up to 50 W on the first port and up to 30 W on the second port to support IoT applications such as lighting, sensors and building automation. Nurse call systems require 30 to 50 watts of power. Lighting fixtures and controllers require 40 to 50 watts. Thin clients draw up to 50 watts. This Ultra PoE injector is an excellent solution for bringing power to these critical systems.

### Full Compatibility with Existing IEEE 802.3af/at PoE Powered Devices

The Intellinet Network Solutions 2-Port Gigabit Ultra PoE Injector help you connect your IEEE 802.3af/at-compliant products to a non-PoE LAN switch port. The injector can be used to connect any IEEE 802.3af/at-powered device (PD) — including a wireless access point, IP phone, network camera and more — to a switch.

#### Switching Capabilities

For maximum versatility, this injector can also be used as a 2-Port PoE Switch with multiple capabilities such as MAC address learning and a backplane speed up to 6 Gbps.

#### Reduced Wiring Costs

It's no longer necessary 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 network cabling to deliver DC power as well as transfer data.

## Protected Equipment

Once DC power is connected to your networked equipment through the network cabling, this Intellinet Network Solutions PoE Injector ensures that your products are protected from power problems like short circuits (short GRND), current overloads and high voltages.

### Features:

- Save time and money by delivering data and power via existing network cables
- Total PoE power budget of 80 watts
- Power output up to 50 watts on port 1 and up to 30 watts on port 2
- Short-circuit, overload and high-voltage protection
- 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)
- Distance support: up to 100 m (328 ft.)
- Internal power supply
- Can also be used as a 2-port PoE switch
- Fanless design ideal for silent operation
- Wall-mounting option
- 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:
  - 10Base-T Cat5 UTP/STP RJ45, 8 pin
  - 100Base-TX Cat5 UTP/STP RJ45, 8 pin
  - 1000Base-T Cat5e UTP/STP RJ45, 8 pin
- Ports:
  - One RJ45 10/100/1000 Mbps port
  - One RJ45 10/100/1000 Mbps data and power output port (50 W)
  - One RJ45 10/100/1000 Mbps data and power output port (30 W)
- Protection functions:
  - Short-circuit protection

- Over-current protection
- Over-voltage protection
- Switch features:
  - Supports 2k MAC address entries
  - MAC address learning & aging
  - Store and forward switching architecture
  - Backplane speed: 6 Gbps
- PoE Pinout
  - Pin 1: DC (+)
  - Pin 2: DC (+)
  - Pin 3: DC (-)
  - Pin 4: DC (+)
  - Pin 5: DC (+)
  - Pin 6: DC (-)
  - Pin 7: DC (-)
  - Pin 8: DC (-)
- Certifications: CE, RoHS, FCC Class A

#### LED

- Power, Data and PoE LEDs

#### Power

- Input: 100 – 240 V AC, 50 – 60 Hz

#### Environmental

- Plastic housing
- Dimensions: 190 (L) x 100 (W) x 40 (H) [mm] 7.48 (L) x 3.94 (W) x 1.57 (H) [in]
- Weight: 0.416 kg (0.92 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -40 – 70°C (-40 – 158°F)

#### Package Contents

- 2-Port Gigabit Ultra PoE Injector
- Power cable
- Instructions



