Industrial Gigabit High-Power PoE+ Injector

1 x 30 W Port, IEEE 802.3at/af Power over Ethernet (PoE+/PoE), Metal Housing
Part No.: 561365

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 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, enough for most of the common 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 compliance
- Up to 30 W of power on two pairs
- Auto-detection of any IEEE802.3af or IEEE802.3at powered device (PD)
- Supports 10/100/1000Base-T applications
- LED indicators for power input and PoE output
- Supports distance up to 100 m (330 ft.)
- DC input 45 – 56 V
- Option for DIN-rail installation
- IP30 slim-type metal case
- ESD protection level of 6 kV
- DCIN port surge-protection level of 8/20 μs, DM/CM 3 kA
- RJ45 port Surge protection level 10/700 μs, 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 802.3 (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- and IEEE 802.3af-compliant PoE devices

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(+), 1/2(-)
• MODE A power delivery (supplies power as end-span)

LED

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
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• 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