

# AVN-PI-IJT30G

## 30W POE INJECTOR (IEEE802.3 AT STANDARD)



## 30W POE INJECTOR (IEEE802.3 AT STANDARD)

Gigabit 30W PoE Injector, up to 30W per port power

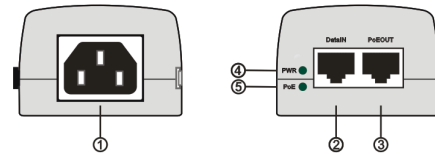
The AVN-PI-IJT30G is an UL listed one channel 10/100/1000M PoE injector which fit IEEE802.3at standard, can output 30W power for the end devices. It is a single port Mid-spans offer a compact and cost effective, fully IEEE 802.3at compliant solution for remote powering of wireless LAN (WAN) access points, IP Security cameras, VoIP telephone and other low port density installations. The AVN-PI-IJT30G PoE Mid-spans eliminate the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

## FUNCTIONS

- Power over Ethernet Injector for 10/100/1000BaseT
- Full IEEE802.3at compliant
- Automatically detects and protects PoE equipment from being damaged by incorrect installation
- Internal AC/DC converter no need for external power brick
- Overload and short circuit protection
- Mixes Ethernet and power into RJ-45 port
- Remote power feeding
- Delivers power up to 100 meters
- Light weight and compact size
- Wall-mountable design
- Easy Plug-and-Play installation
- Power over Ethernet output power of 52V@0.6A

## DIMENSIONS

Unit : inch (mm)



- 1) **AC Power Input Connector:** This connector, shown in ①, connects the AC power source to the PoE Injector.
- 2) **Data IN:** This port, shown in ②, is an RJ-45 Ethernet connector where data is received and transmitted through the PoE Injector.
- 3) **PoE OUT:** This port, shown in ③, is an RJ-45 Ethernet connector where data is received and transmitted through the PoE Injector and provides PoE power along with the Ethernet data to a PoE device.
- 4) **PWR LED:** This LED, shown in ④, indicates the AC power is being provided to the unit or not.
- 5) **PoE LED:** This LED, shown in ⑤, indicates the unit is providing power to the PoE OUT port or not.



**AVYCON**<sup>®</sup>

Copyright © AVYCON. All rights reserved. Specifications and pricing are subject to change without notice.

# AVN-PI-IJT30G

## 30W POE INJECTOR (IEEE802.3 AT STANDARD)

### SPECIFICATIONS

DESCRIPTION	
NO. OF PORTS	1
PASS THROUGH DATA RATES	10/100/1000 Mbps
POWER OVER ETHERNET OUTPUT	PIN ASSIGNMENT AND POLARITY: 3/6 (+), 1/2 (-) OUTPUT POWER VOLTAGE: 54VDC USER PORT POWER: 30W
INPUT POWER REQUIREMENTS	AC INPUT VOLTAGE: 100 TO 240 VAC AC INPUT CURRENT: 0.3A 100-240 VAC AC FREQUENCY: 50 TO 60 HZ
DIMENSIONS	150mm x 65mm x 38mm (W x D x H)
INDICATORS	SYSTEM INDICATOR: AC POWER USER INDICATOR: CHANNEL POWER
CONNECTORS	SHIELDED RJ-45, EIA 568A AND 568B
ENVIRONMENTAL CONDITIONS	OPERATING AMBIENT TEMPERATURE: -10 TO 45°C (14°F ~ 113°F) OPERATING HUMIDITY: MAXIMUM 90%, NON-CONDENSING STORAGE TEMPERATURE: -20°C TO 70°C (-4°F ~ 158°F) STORAGE HUMIDITY: MAXIMUM 95%, NON-CONDENSING
RELIABILITY	MTBF: 100,000 HRS. @25°C (77°F)
REGULATORY COMPLIANCE	IEEE 802.3af (PoE), IEEE 802.3at (PoE+) ROHS COMPLIANT, CE, FCC
ELECTROMAGNETIC	FCC PART15, CLASS B
EMISSION & IMMUNITY	EN 55022 CLASS B (EMISSIONS) EN 55024 (IMMUNITY), VCCI
SURGE PROTECTION	AC PORT: 6kV RJ45 PORT: 4kV
SAFETY APPROVALS	UL/cUL PER EN 60950-1 GS MARK PER EN 60950-1 KC, PSE, CB, CCC, BSMI, EAC, NOM, S-MARK ETC.



**AVYCON**<sup>®</sup>

Copyright © AVYCON. All rights reserved. Specifications and pricing are subject to change without notice.

phone: 949-752-7606

email: info@avycon.com

social: @avycon\_aivo

website: avycon.com