



AVN-PI-IJT30G

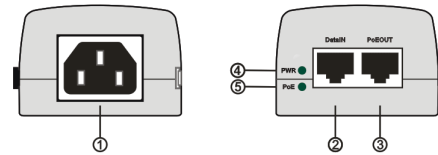
30W POE INJECTOR (IEEE802.3 AT STANDARD)

OVERVIEW

- 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 power, 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, indicate the AC power is being provided to the unit or not.
- 5) **PoE LED:** This LED, shown in ⑤, indicate the unit is providing power to the PoE OUT port or not.

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.