60W **POE INJECTOR (IEEE802.3 AT STANDARD)**

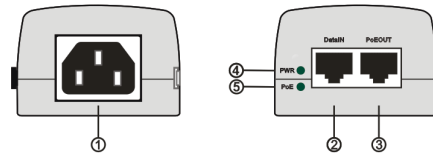*Gigabit 60W PoE Injector, up to 60W per port power*

The AVN-PI-IJT60G is an UL listed one channel 10/100/1000M PoE injector which fit IEEE802.3at standard, can output up to 60W (PoE+) 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-IJT60G 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

- Full IEEE 802.3af, IEEE 802.3at Compliant
- Up to 60W (PoE+) of Power on 2-pairs
- Auto-detect of PoE IEEE 802.3af equipment
- Supports 10/100/1000 Base-T applications
- LED indicators power input indication
- Distance up to 100 meters
- Internal AC/DC converter – no need for external power brick
- Easy plug-and-play installation
- Surge protection
- EMI standards complies with FCC, CE class B
- Safety standards comply with UL/CUL, KC, PSE, GS, CB, CCC, BSMI, EAC, NOM, S-MARK etc.
- ERP VI, DOE VI, GEMS VI energy saving Approved

DIMENSIONS

Unit : inch (mm)

1) **AC Power Input Connector**: This connector, shown in ●, connects the AC power source to the PoE Injector.

2) **Data IN**: This power, shown in ②, in is an RJ-45 Ethernet connector where data is received and transmitted through the PoE Injector.

3) **PoE OUT**: This port, shown in ●, 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 ●, indicate the AC power is being provided to the unit or not.

5) **PoE LED**: This LED, shown in ●, 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: UP TO 60W (POE+)
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.

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