

PoE++ & UPoE Injector

JS-101G 60Watt Power Single port Gigabit injector



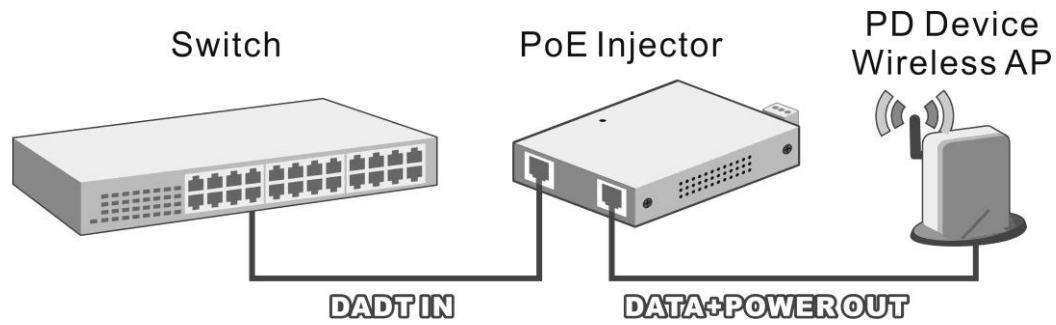
The JS-101G Power over Ethernet Injector provides data and power through the Ethernet cable to PoE equipped device, such as access points, IP cameras, VoIP phone, NVR and any other equipment supporting the IEEE 802.3af/at standard.

JS-101G supports LTPoE++ and UPoE which can extend the IEEE802.3at standard to deliver up to 60watt. It's a 4 pair solution which can reduce cable loss compared with 2 pair solution.

Key Features

- Power over Ethernet Injector
- Can deliver power to Gigabit Ethernet equipment
- Remote power feeding application
- Compliant with LTPoE++ Output power up to 90Watt
- Supports LTPoE++ and UPoE 60W PDs
- Deliver power up to 100Meters
- Short circuit protection
- Full IEEE 802.3af/at compliant
- RoHS compliant

Application



Technical Specifications

Interface

Data out

LAN : 10/100/1000T RJ45 female

Cable : 10Base-T Cat. 3, 4, 5 UTP/STP

100Base-TX 2 or 4 pair Cat. 5 UTP/STP

1000Base-T 4 pair Cat. 5e, Cat 6 UTP/STP

Power : V+ on pins 1, 2, 4 and 5

V- on pins 3, 6, 7 and 8

Data in

LAN : 10/100/1000T RJ45 female

Power

Input voltage: DC 48V~57V

Output voltage: DC 48, Maximum 60Watt

Status LED

Power feed: ON/Green

Ethernet: Link/Green

Physical Dimensions

101mm x 75mm x 22mm (L x W x H)

Weight: 180g

Environmental

Operating temperature: -40 to 75°C

Storage Temperature: -40 to 85°C

Operating humidity: 5 to 95%

Regulatory

USA: FCC part 15 Class A

EU: EN55022 Class A

RoHS compliant

Compatibility

Complied with IEEE 802.3at standard

Backward compatibility with IEEE 802.3af

Complied with LTPoE++, Pre 802.3bt

Complied with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab