

90W Gigabit POE Injector 100 – 240VAC input PJ-1G-90W

airlive®



802.3bt
90w

802.3at
30w

802.3af
15.4W

-20°C ~+50°C

100-
240VAC

Gigabit

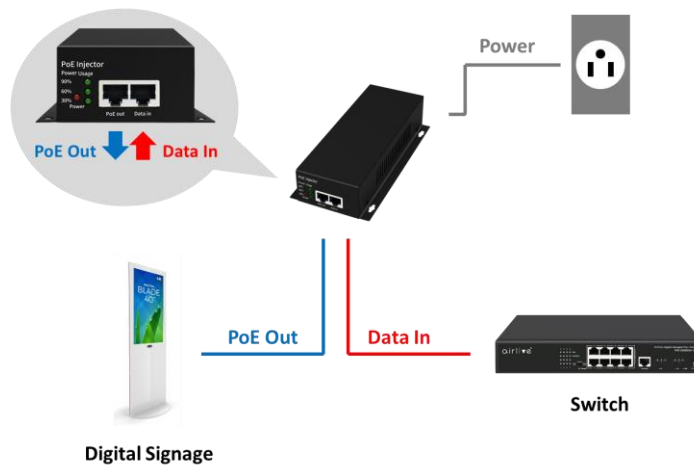
Metal
Case

Overview

Gigabit Ethernet 802.3bt PoE Injector

The AirLive PJ-1G-90W Gigabit Ethernet POE Injector is fully compatible with IEEE802.3af (15.4W) IEEE802.3at (30W) and IEEE802.3bt (90W). The POE port supports a maximum output power of 90W, and the port supports 10/100/1000 self-adaption. It supports AC 100-240V voltage input; the working temperature range is -20°C ~ + 50°C, seamless ultrasonic bonding, better protection effect. It takes the electricity from the power source and the data from the Ethernet network and then combines them into a signal that can be transmitted through the UTP/STP cable up to 100m.

The product can be widely used in PTZ high-speed dome, PC-Panel, compact computer, all-in-one computer, digital signage display system, PoE LED, etc. Its reliable hardware design can ensure your automation system runs without interruption and stability.

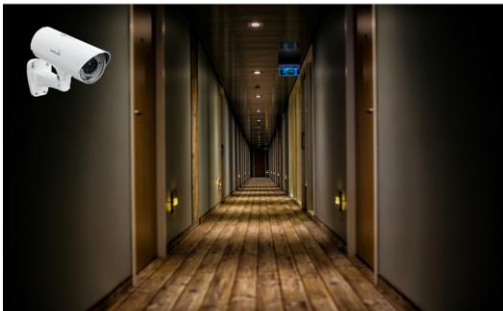


Features

- Support 1 x Gigabit POE port (PoE out) + 1 x Gigabit Ethernet port (Data in)
- Compatible with IEEE802.3af (15.4W), IEEE802.3at (30w) and IEEE802.3bt (90w) output voltage: DC52V
- Support power usage monitoring, 30%, 60%, 90% three states
- Support AC 100-240V power supply, working frequency: 50/60 Hz, working power: 52V/1.85A
- Metal casing, IP20 protection grade, -20°C to 50°C operating temperature
- Support port surge: Differential mode 2KV, Common mode 6KV; Electrostatic ESD: Contact discharge 8KV, Air discharge 15KV
- And electrostatic protection, reliable hardware design can ensure that your automation system is uninterrupted and stable.

Suggest Application Environment

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration, etc.
- Broadband private network: suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
- Multimedia transmission: integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
- Real-time monitoring: simultaneous transmission of real-time control signals, images and data
- In operation, the products are widely used in PTZ high-speed dome, compact computer, all-in-one computer, digital signage display system, etc.



Model

90W Gigabit POE Injector 100-240VAC

General parameter

- **Connection Type**
1 x Gigabit POE Port + 1 x Gigabit Ethernet Port
- **POE Parameters**
POE Standard : IEEE802.3af/at/bt
Each port Max : 15.4 W (IEEE 802.3af)
Each port Max : 30W (IEEE 802.3at)
Each port Max : 90 W (IEEE 802.3bt)
POE port output voltage: DC 52V
POE power supply core of conductor : 1/2- 3/6+ : 4/5+ 7/8-
- **Network Standard**
10BASE-T: Cat3、4、5 or above UTP(≤100 M)
100BASE-TX: Cat5 or above UTP(≤100 M)
1000BASE-TX: Cat5 or above UTP(≤100 M)
- **LED indicator**
Green: The device is powered on normally
Red: PoE power is normal
Off: The device is not powered on
- **Power Supply**
Power input: AC 100-240 V
working frequency : 50/60 Hz
Working power : 52V/1.85A
- **Testing standard**
EN61000-4-2 (ESD) Contact 8KV, Air 15KV
IEN61000-4-5 (Surge) General mode 6KV、Differential mode 2KV
EN61000-4-3 (RS)
EN61000-4-6 (CS)
EN61000-4-4 (EFT)
FCC Part 15/ CISPR32 /EN55032 : CLASS A
IEC 60068-2-27 Shock
IEC 60068-2-32 Free fall
IEC 60068-2-6 Vibration
- **MTBF:** 100,000 hours

Environment

Operating Temperature: -20°C~50°C
Storage Temperature: -40°C~85°C
Humidity: 5%~95 % (non-condensing)

Standard package of switch

- **Product size:**
18.7 x 9.5 x 4 cm(L*W*H)
- **Package size:**
24.5 x 19 x 6 cm(L*W*H)
- **Product Weight/Package Weight**
N.W: 0.4KGs; G.W: 0.7KGs

Standard carton package

- **Quantity:** 20 pcs / 1 carton
- **Dimensions:** 50.5 x 32 x 40 cm
- **Package Weight:** 15KGs

Package Accessory

90W Gigabit POE injector : 1 PCS
AC Power Cable : 1PCS

Ordering information

- **Model**
AirLive PJ-1G-90W
- **Description**
90W Gigabit POE Injector 100-240VAC



Back Panel:



Front Panel:

AirLive