

# 30W 5G Gigabit POE Injector 100-240VAC

PJ-5G-30W

airlive®



802.3at  
30W

802.3af  
15.4W

-20°C ~50°C

100-  
240VAC

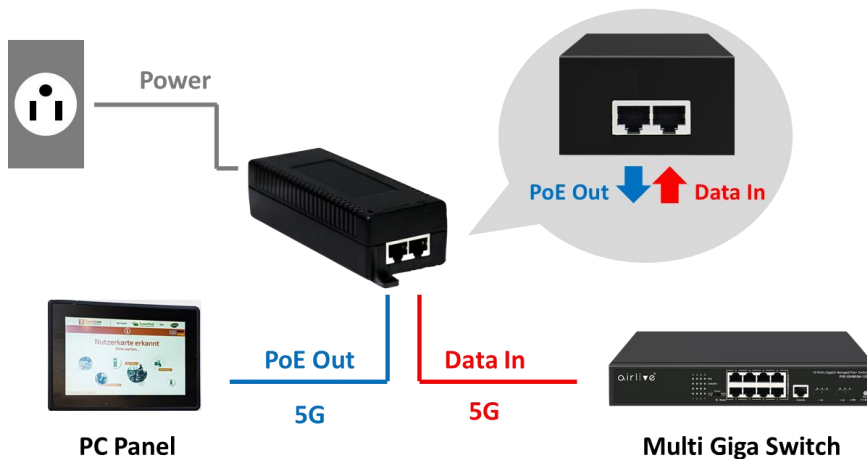
5 Gigabit

## Overview

### 5G Gigabit Ethernet 802.3at PoE Injector

The AirLive PJ-5G-30W 5Gigabit Ethernet POE Injector is fully compatible with IEEE802.3af (15.4W) and IEEE802.3at (30W). The POE port supports a maximum output power of 30W, and the port supports 5G Gigabit 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 PoE PC-Panel, all-in-in Computer, advanced AP, digital signage display system, etc. Its reliable hardware design can ensure your automation system runs without interruption and stability.

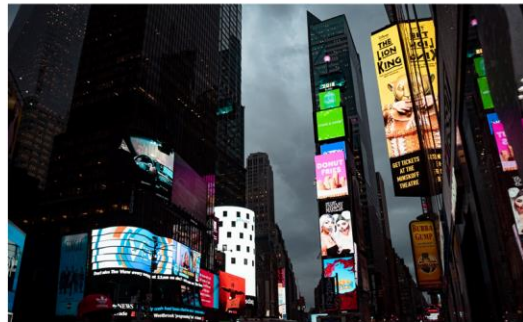


## Features

- Support 1 x 5G Gigabit POE port (PoE out) + 1 x 5G Gigabit Ethernet port (Data in), Auto fallback
- Ethernet Port Supports 10/100/1000Mbps/2.5/5G adaptive and PoE functions
- Compatible with IEEE802.3af (15.4W), IEEE802.3at (30w)
- Support AC 100-240V power supply
- -20°C to 50°C operating temperature
- Support Port Auto Flip (Auto MDI/MDIX )
- Support Wall Mount

## 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



## Model

## 30W 5Gigabit POE Injector 100-240VAC

### General parameter

- **Connection Type**  
1 x 5 Gigabit POE Port + 1 x 5 Gigabit Ethernet Port
- **POE Parameters**  
POE Standard : IEEE802.3af / IEEE802.3at  
Each port Max : 15.4 W (IEEE 802.3af)  
Each port Max : 30 W (IEEE 802.3at)  
POE port output voltage: DC 52V  
POE power supply core of conductor :1/2- 3/6+
- **Network Standard**  
10BASE-T: Cat3、4、5 or above UTP( $\leq 100$  M)  
100BASE-TX: Cat5 or above UTP( $\leq 100$  M)  
1000BASE-TX: Cat5 or above UTP( $\leq 100$  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
- **Testing Standard**  
EN61000-4-2 (ESD)  
EN61000-4-4 (EFT)  
IEC 60068-2-27 Shock  
IEC 60068-2-32 Free fall  
IEC 60068-2-6 Vibration

### Environment

- Operating Temperature:  $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Storage Temperature:  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Working Humidity: 10%~90% ( non-condensing)
- Storage Humidity: 5%~95% ( non-condensing)

### Standard package of switch

- **Product size:**  
14.2 x 5.5 x 4 cm(L\*W\*H)
- **Package size:**  
21 x 16 x 5.5 cm(L\*W\*H)
- **Product Weight/Package Weight**  
N.W: 0.4KGs; G.W: 0.7KGs

### Standard carton package

- **Quantity:** 60 pcs / 1 carton
- **Dimensions:** 60x 49.5 x 43.5 cm
- **Package Weight:** 25KG

### Package Accessory

- 30W 5 Gigabit POE injector : 1 PCS
- AC Power Cable : 1PCS

### Ordering information

- **Model**  
AirLive PJ-5G-30W
- **Description**  
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