airlive®

802.3at 30w	802.3af 15.4w	-20°C ~50°C
100-240VAC	2.5 Gigabit	

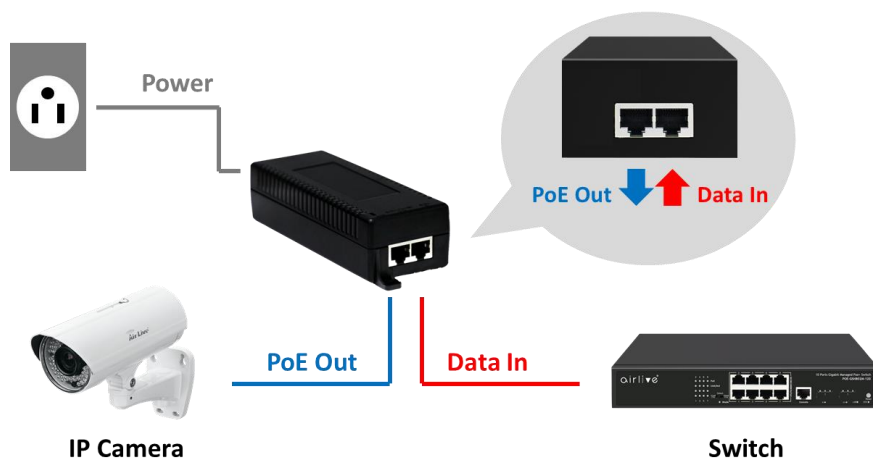## Overview

2.5G Gigabit Ethernet 802.3at PoE Injector

The AirLive PJ-2.5G-30W Gigabit 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 2.5G 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.

Power

PoE Out ⬇ ⬆ Data In

PoE Out   Data In

IP Camera   **Switch**

Features

- Support 1 x 2.5G Gigabit POE port (PoE out) + 1 x 2.5G Gigabit Ethernet port (Data in), auto. Fallback
- Ethernet Port Supports 10/100/1000Mbps/2.5G adaptive and PoE functions

- Compatible with IEEE802.3af (15.4W), IEEE802.3at (30w), output voltage: DC52V
- 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

Specification

Model	30W 2.5Gigabit POE Injector 100-240VAC

General parameter

- **Connection Type**
  1 x 2.5 Gigabit POE Port + 1 x 2.5 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(≤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
- **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℃~50℃
Storage Temperature: -40℃~85℃
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:** 60 x 49.5 x 43.5 cm
- **Package Weight:** 25KG

Package Accessory

30W 2.5Gigabit POE injector：1 PCS
AC Power Cable：1PCS

Ordering information

- **Model**
  AirLive PJ-2.5G-30W
- **Description**
  30W 2.5 Gigabit POE Injector 100-240VAC

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