

# Catalog

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**AirLive**

**PoE Kit Series**

[www.airlive.com](http://www.airlive.com)

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

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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.

## Ordering Information

- **Model**  
AirLive PJ-1G-90W
- **Name:**  
90W Gigabit POE Injector 100-240VAC  
1 Gigabit PoE port + 1 Gigabit Ethernet Port



Front Panel



Back Panel

# 30W Gigabit POE Injector 100 – 240VAC input PJ-1G-30W

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802.3at  
30W

802.3af  
15.4W

-20°C ~ +50°C

100-  
240VAC

Gigabit

## Overview

### Gigabit Ethernet 802.3at PoE Injector

The AirLive PJ-1G-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 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.

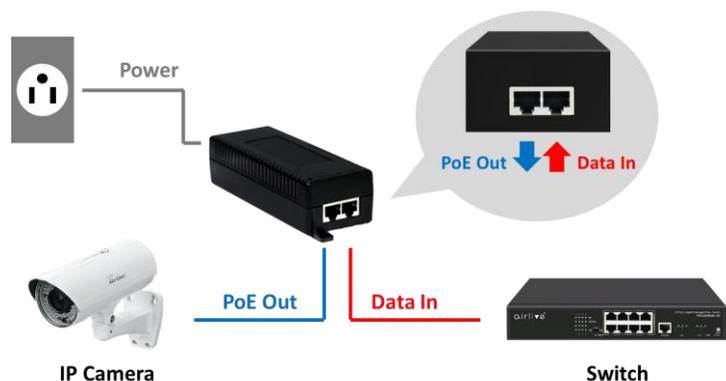
The product can be widely used in IP Camera, AP, 30W PoE PC-Panel, AP, digital signage display system, PoE LED, etc. Its reliable hardware design can ensure your automation system runs without interruption and stability.

## Features

- Support 1 x Gigabit POE port (PoE out) + 1 x Gigabit Ethernet port (Data in)
- Ethernet Port Supports 10/100/1000Mbps 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

## Ordering Information

- **Model**  
AirLive PJ-1G-30W
- **Name:**  
30W Gigabit POE Injector 100-240VAC  
1 Gigabit PoE port + 1 Gigabit Ethernet Port



# 30W 2.5G Gigabit POE Injector 100 – 240VAC input PJ-2.5G-30W

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802.3at  
30W

802.3af  
15.4W

-20°C ~ +50°C

100-  
240VAC

2.5G  
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.

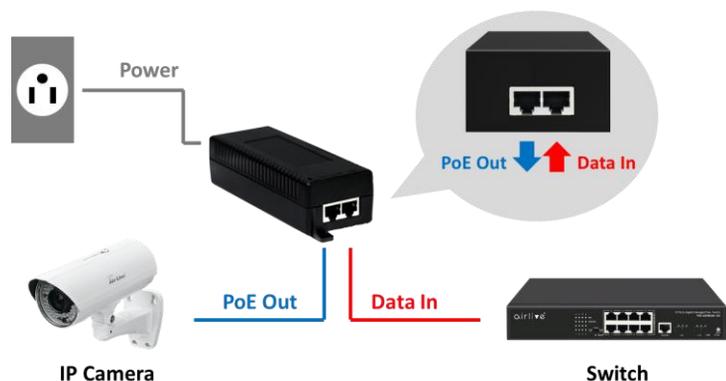
The product can be widely used in PoE PC-Panel, all-in-in Computer, advanced AP, digital signage display system, etc. Its reliable hardware design can ensure your automation system runs without interruption and stability.

## 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

## Ordering Information

- **Model**  
AirLive PJ-2.5G-30W
- **Name:**  
30W Gigabit POE Injector 100-240VAC  
2.5G Gigabit PoE port + 2.5G Gigabit Ethernet Port



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

airlive®



802.3at  
30W

802.3af  
15.4W

-20°C ~+50°C

100-  
240VAC

5G  
Gigabit

## Overview

### 5G Gigabit Ethernet 802.3at PoE Injector

The AirLive PJ-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 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.

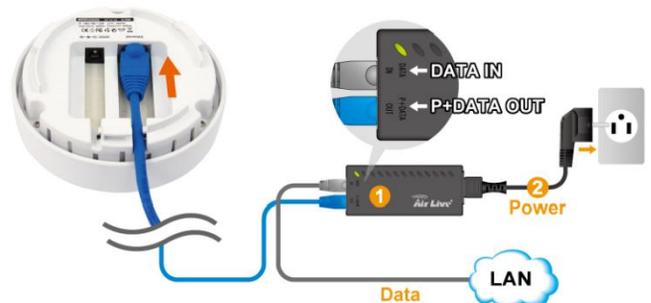
The product can be widely used in PoE PC-Panel, all-in-in Computer, advanced AP, digital signage display system, etc. Its reliable hardware design can ensure your automation system runs without interruption and stability.

## Features

- Support 1 x 5G Gigabit POE port (PoE out) + 1 x 5G Gigabit Ethernet port (Data in), automatically 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

## Ordering Information

- **Model**  
AirLive PJ-5G-30W
- **Name:**  
30W Gigabit POE Injector 100-240VAC  
5G Gigabit PoE port + 5G Gigabit Ethernet Port



# Industrial 30W Gigabit POE+ Injector, 12-48V input

INJ-1G-30W-1248

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802.3at  
30W

Gigabit

12~48Vdc  
Power input

-40°C~80°C

Aluminum  
Case

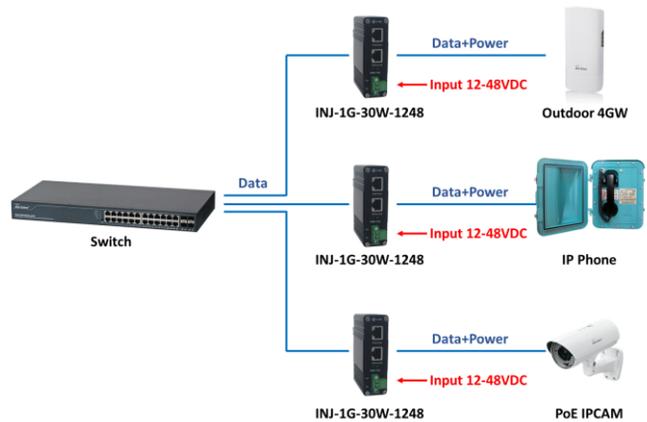
Din-Rail &  
Wall-Mount

## Overview

The AirLive INJ-1G-30W-1248 Industrial PoE+ injector supports one RJ45 Gigabit port for data in and one RJ45 Gigabit Ethernet PoE port for transmitting data and power over one Cat.5e or above cable up to 100meter. It is compliant with 802.3at PoE+ for supporting PoE power up to 30W, providing a wide voltage range of 12~48Vdc power input, supporting -40°C~80°C wide operating temperature range, and protected by a rugged strong aluminum housing.

It is equipped with industrial grade components that are cost-effective and able to withstand harsh industrial environments. Thank to all the high standard requirements, it can operate reliably and efficiently in the most availability applications.

AirLive Industrial Gigabit PoE+ injector helps better address these needs.



## Features

- Equipped with Industrial grade components
- Providing the most availability applications
- 12~48VDC wide range Power Input
- 1 x 10/100/1000 RJ45 Ethernet Data input port
- 1 x 10/100/1000 RJ45 PoE port (Data + Power out)
- Compliant with 802.3at PoE+, up to 30W
- Support DIN-Rail & Wall-mount installation
- Extensive LED indicators for PoE diagnostics
- Wide operating temperature for harsh environment from -40°C to 80°C
- Surge Protection RJ45: 1KV ESD: 4KV/8KV

## Ordering Information

- **Model**  
AirLive INJ-1G-30W-1248
- **Name:**  
Industrial Gigabit POE+ Injector, 30W, 12-48V power input

