



# Quick Installation Guide

## MicroConnect PoE Injector



## Product Introduction

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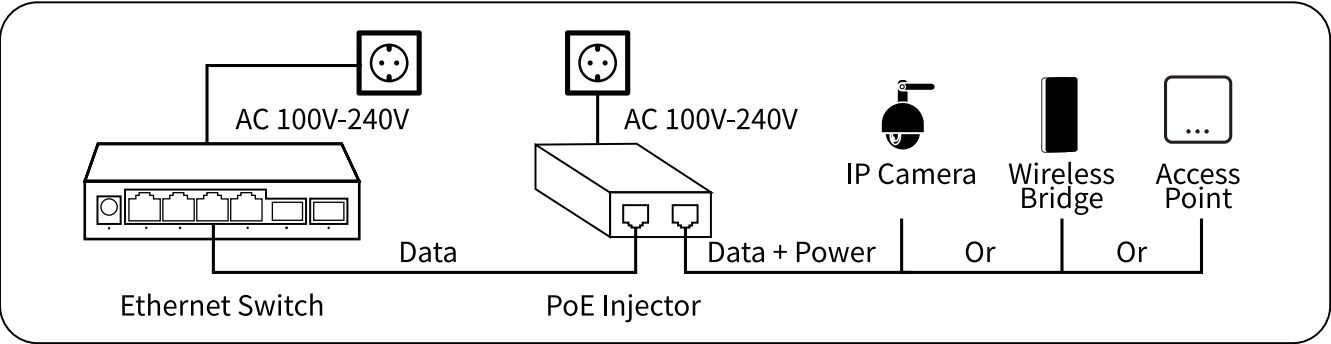
This manual is for the commercial Injector series, which supports desktop, wall-mounted installations and operates within a temperature range of -20~50°C.

\*The diagrams in this guide are for illustrative purposes only, please refer to the actual model.

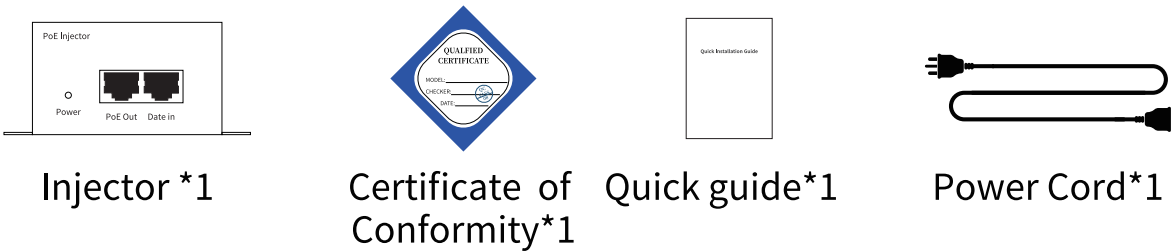
Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE802.3ae (10G Ethernet)(Available for 10G Injector Only)		
Network Media	10BASE-T: Cat5 UTP( $\leq 250\text{m}$ ) 100BASE-TX: UTP( $\leq 100\text{m}$ )above Cat5 1000BASE-TX: UTP( $\leq 100\text{m}$ )above Cat5 10GBaseTX: Cat7 or above UTP/STP(100m)(Available for 10G Injector Only)		
Model	POEINJ-30W	POEINJ-60W	POEINJ-90W
Max. Power Output	30W	60W	90W
PoE Standard	IEEE802.3af IEEE802.3at	IEEE802.3af IEEE802.3at	IEEE802.3af IEEE802.3at IEEE802.3bt
PoE Specification	PoE port output DC52V		
	PoE power pin: 1/2-;3/6+or 4/5+;7/8-		
Working Environment	Working Temperature: -20~50°C Storage Temperature: -40~85°C Humidity: 5%~95%(Non-condensing)		
Certification	CE, FCC, RoHS		

# Product Application

## Connection Diagram



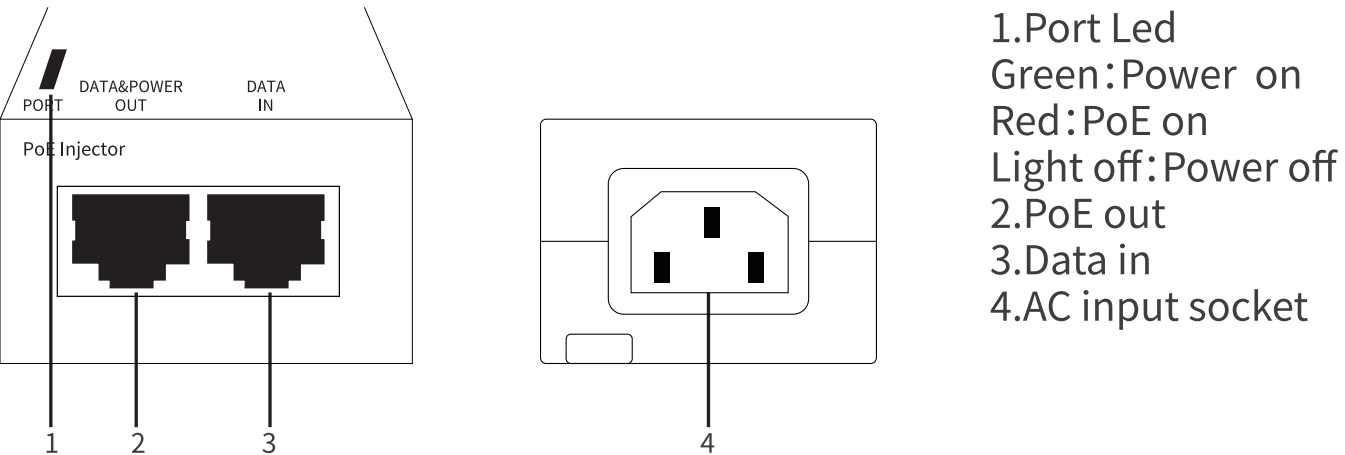
## Item List



- WARNING: Operation of this equipment in a residential environment may cause radio interference.
- CAUTION: Contact your local distributor for shortages or damaged parts.
- WARNING: Always ensure this device is properly grounded during operation.

## Product Appearance

### Commercial Injector front and rear panel schematics

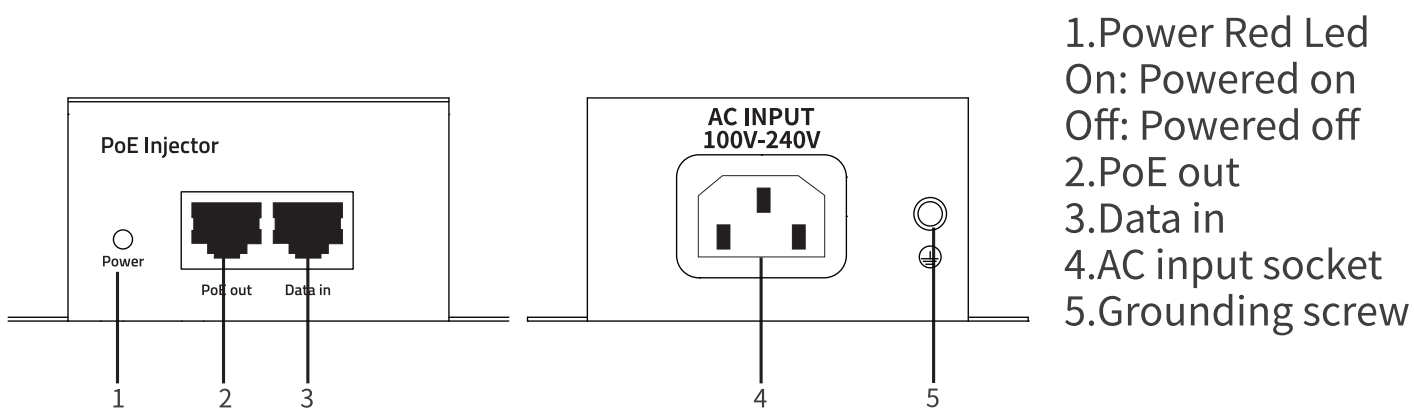


Take POEINJ-30W for example

## Product Appearance

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### Commercial Injector front and rear panel schematics

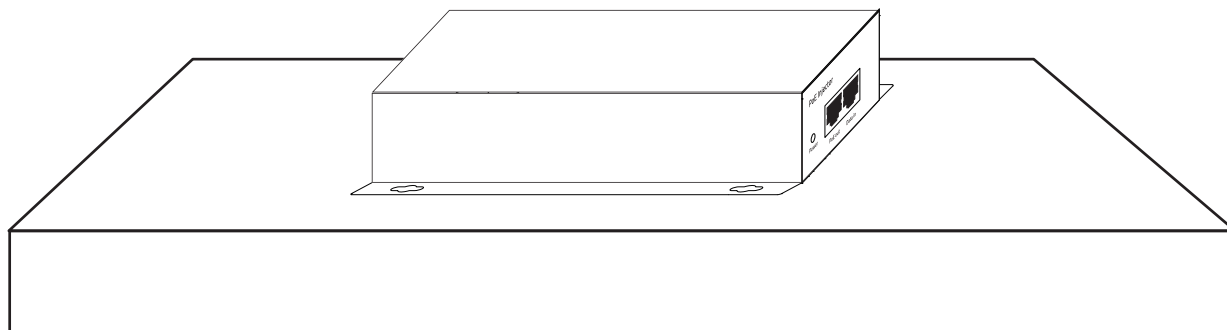


Take POEINJ-60W for example

### Desktop Installation (Refer to the actual appearance of specific model)

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Place the Injector facing up on a sufficiently large, clean, and stable desktop



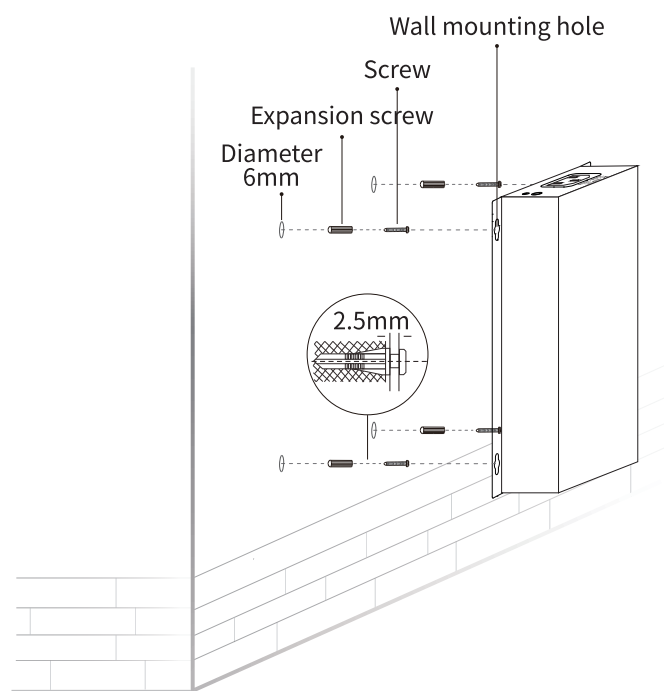
Take POEINJ-60W for example

## Wall Mount Installation(Refer to the actual appearance of specific model)

### Hint:

A screwdriver, marking pen, impact drill, rubber hammer and level ruler, ladder, screws may be used throughout the installation process. Please bring your own tools. (The screws should be 14 mm long, 2.6 mm in diameter, 5.2 mm in head diameter, and 1.8 mm in head thickness; and expansion screws should be 6.6 mm tall, 2.4 mm in inner diameter, and 26.4 mm in length).

1. Locate and drill holes on the wall (diameter: 6mm) based on the position of the wall-mounting holes on the bottom of the Injector, ensuring that the line between the two holes remains level.
2. Insert the expansion anchor into the drilled hole, then screw the bolt into the anchor, ensuring that the distance between the inner side of the bolt head and the outer edge of the anchor is sufficient (not less than 2.5mm) for wall mounting.
3. Align the mounting hole on the bottom wall of the Injector with the screw head, slide it into the Injector, and tighten it.



Take POEINJ-60W for example