

User Manual for PoE Injector

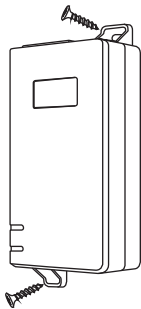
Overview

This single-port high-power PoE injector complies with ERP Energy Efficiency Class VI and is designed for indoor use. It delivers 55Vdc (0.55A) reliably in -40 °C to 65°C environments and supports data rates up to 10G over Cat5e/Cat6 cables, with a max 100m transmission distance. Compatible with IEEE802.3af/at, it's ideal for 30W PDs like APs, IP cameras, and IP phones. With smart power detection and plug-and-play functionality, it ensures safe, efficient operation by powering only standard-compliant devices.

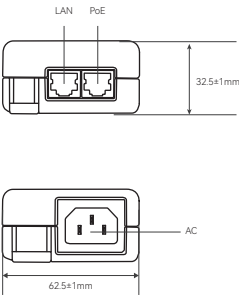
Appearance

• Main Product:

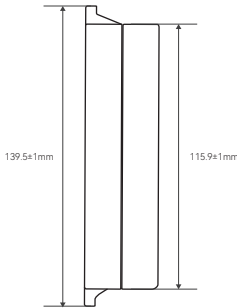
Perspective View(installed)



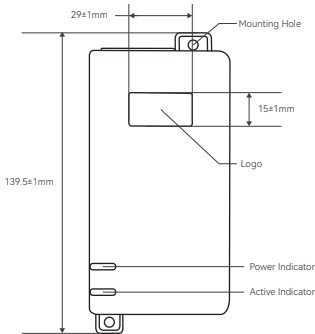
Top View



Side View



Front View

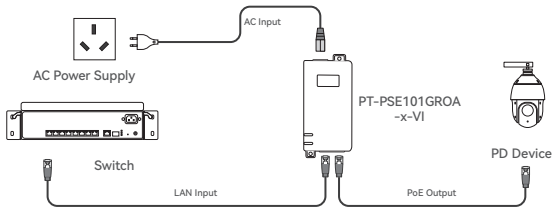


Model Comparison Chart

Item	PT-PSE101GROA-VI	PT-PSE101GROA-10-VI
PoE Standard	IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet	
Ports	AC Input*1 PoE*1 LAN*1	
Input Voltage	90-264Vac 50/60Hz	
PoE Output	55Vdc 0.55A 30W Max	
Power Pins	4/5(+),7/8(-)	
Data Rate	100/1000Mbps	1G/2.5G/5G/10Gbps
Certifications	CE/FCC/ERP	
IP Rate	IP40	
Size & Weight	139.5mm X 62.5mm X 32.5mm(191g)	

Connection and Installation

• Connection



• Installation

Wall Mounting:

- 1. Drill holes at the selected installation location;
- 2. Use the provided mounting screws (M3 self-tapping screws) to secure the device (can be fixed to a metal plate or wall using expansion bolts and matching rubber plugs), as shown below:

