

User Manual for PoE Injector

PT-PSE100GFROA / PT-PSE100GFROA-10

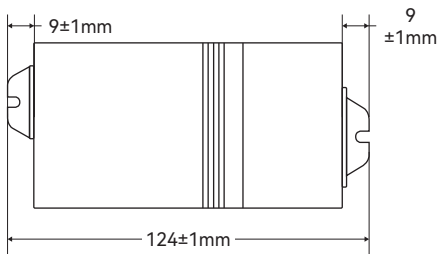
Overview

The PT-PSE100GFROA-x is a compact single-port PoE injector delivering up to 15.4W to IEEE 802.3af devices such as IP cameras, APs, IoT equipment, POS terminals, and displays. It supports 1G–10G data rates over 100m Cat5e/6, features intelligent detection to protect non-PoE devices, and complies with ErP Level VI for energy efficiency. With 90–264VAC input, 6kV surge protection, and an IP40 flame-retardant enclosure, it ensures reliable indoor wall-mount operation from -40°C to +65°C.

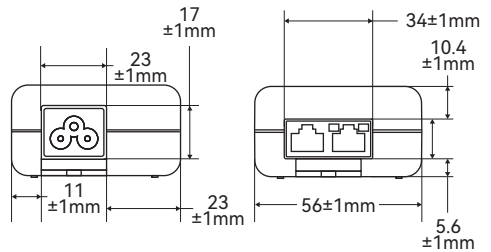
Appearance

• Main Product:

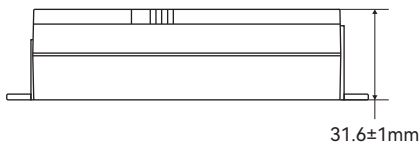
Top View



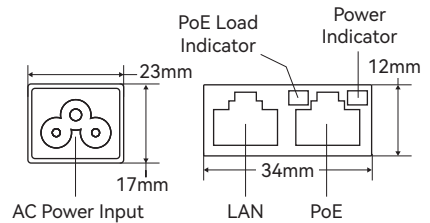
Front View



Side View



Ports

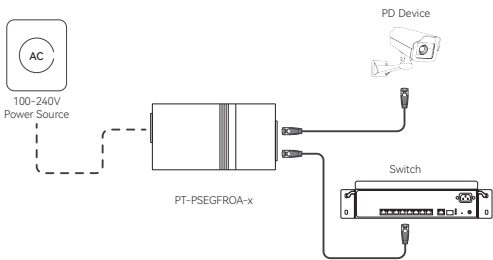


Model Comparison Chart

Item	PT-PSE100GFROA	PT-PSE100GFROA-10
PoE Standard	IEEE802.3af Power over Ethernet	
Ports	AC Input*1 PoE*1 LAN*1	
Input Voltage	90-264Vac 50/60Hz	
PoE Output	48Vdc 0.32A 15.4W	
Power Pins	4/5(+),7/8(-)	
Energy Efficiency	≥85%	
NLPC	≤0.1W	
Data Rate	100/1000Mbps	1G/2.5G/5G/10Gbps
Certifications	CE/FCC/ERP	
IP Rate	IP40	
Size & Weight	124.05mm X 56mm X 31mm(146g)	

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:

