

User Manual for PoE Injector

PT-PSE10GF-25

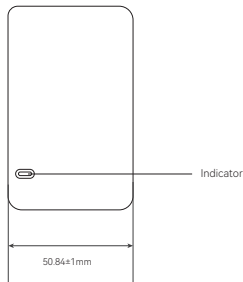
Overview

The PT-PSE10GF-25 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–2.5G 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, and an IP40 flame-retardant enclosure, it ensures reliable indoor wall-mount operation from 0°C to 40°C.

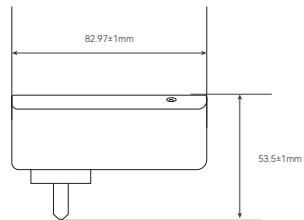
Appearance

• Main Product:

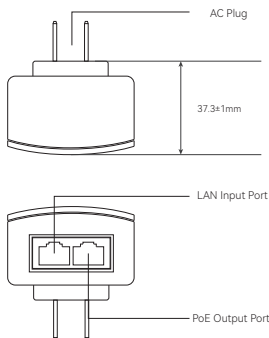
Top View



Side View



Front View



Model Comparison Chart

Item	PT-PSE10GF-25
Ports	AC Input*1 PoE*1 LAN*1
PoE Standard	IEEE802.3af Power over Ethernet
PoE Output	48Vdc 0.32A 15.4W Max
Power Pins	4/5(+),7/8(-)
Energy Efficiency	≥85%
NLPC	≤0.3W
Surge Protection	AC Port: Common Mode: 2KV Differential Mode: 1KV
Data Rate	100/1000Mbps/2.5Gbps
Network Protocol	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-Tx Fast Ethernet IEEE802.3ab 1000Base-T Gigabit Ethernet IEEE802.3bz 2.5GbE NBASE-T
Operate Temperature	0°C-40°C
Operate Humidity	20%-80%, non-condensing
Storage Temperature	-20°C-70°C
Storage Humidity	10%-90%, non-condensing
Enclosure	White Plastic
Installation	Wall-Mounted Installation
IP Rate	IP40
Plug	US/EU/UK Plug
Size & Weight	82.97mm X 50.84mm X 53.5mm(93g)
Certifications	CE/FCC/ERP

Connection

• Connection

