



PT-PSE101GROA-10-VI PoE Injector

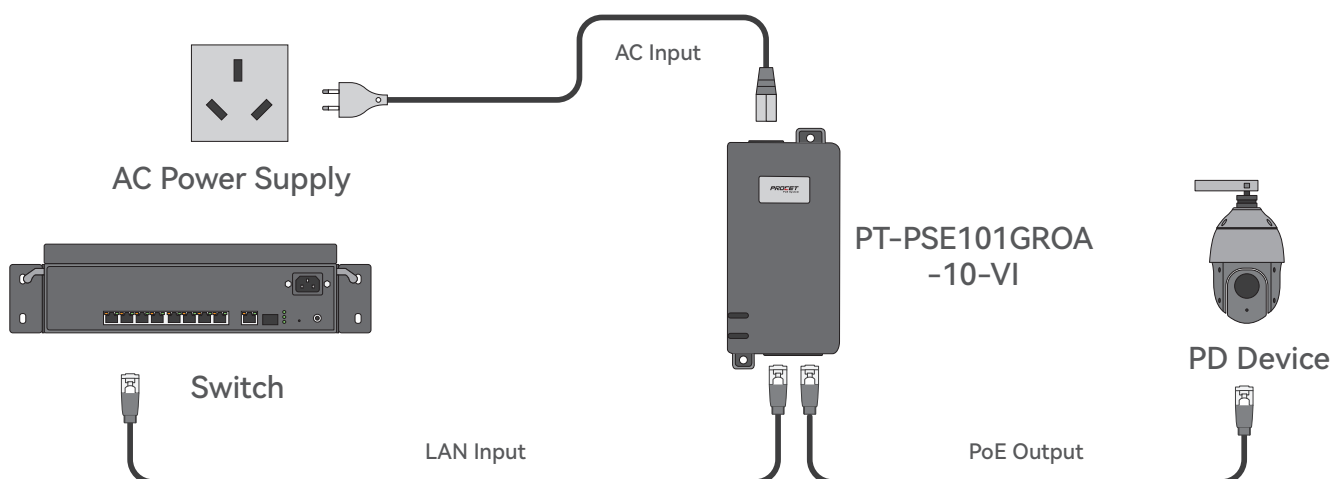
Product Introduction

The PT-PSE101GROA-10-VI is a compact, single-port PoE injector delivering up to 30W to IEEE 802.3at-compliant Powered Devices such as IP cameras, wireless APs, IoT devices, POS terminals, and digital displays. It is ERP Energy Efficiency Class VI compliant for reduced power consumption and greater efficiency.

With an intelligent detection chip, it identifies and classifies devices before powering, protecting non-PoE equipment. It supports 1G/2.5G/5G/10Gbps data rates and transmits up to 100m over Cat5e/Cat6 cables.

Featuring a 90–264VAC input range, 6kV surge protection, and a flame-retardant IP40 enclosure, it is designed for indoor wall-mount installation and operates in temperatures from -40°C to +65°C.

Product Connection Diagram



Product Specification

Item	PT-PSE101GROA-10-VI
Ports	AC Input*1 PoE*1 LAN*1
PoE Standard	IEEE802.3af/at Power over Ethernet
Input	90-264Vac
PoE Output	55Vdc 0.55A 30W Max
Power Pins	4/5(+),7/8(-)
Energy Efficiency	≥88%
NLPC	≤0.1W
Surge Protections	AC Port Common Mode: 6KV Differential Mode: 4KV PoE Port Common Mode: 6KV Differential Mode: 1.5KV
EER	ERP Level VI
Network Protocol	IEEE802.3 Ethernet IEEE802.3u Fast Ethernet IEEE802.3ab Gigabit Ethernet IEEE802.3bz 2.5/5/10GbE NBASE-T
Data Rate	1G/2.5G/5G/10Gbps
Operate Temperature	-40°C — 65°C
Operate Humidity	20%-80%, non-condensing
Operate Altitude	Below 5000 meters
Storage Temperature	-40°C — 85°C
Storage Himidity	10%-90%, non-condensing
Enclosure	Plastic
Installation	Wall-Mounted Installation
IP Rate	IP40
Size & Weight	139.5mm X 62.5mm X 32.5mm(191g)
Certification	CE/FCC/ERP

Model Comparison Chart

Item	PT-PSE101GROA-VI	PT-PSE101GROA-10-VI
Ports	AC Input*1 PoE*1 LAN*1	
PoE Standard	IEEE802.3af/at Power over Ethernet	
Data Rate	100/1000Mbps	100/1000Mbps 2.5G/5G/10Gbps
Input	90~264Vac	
IP Rates	IP40	
Size & Weight	139.5mm X 62.5mm X 32.5mm(191g)	



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