



PT-PSE104GB-VI PoE Injector

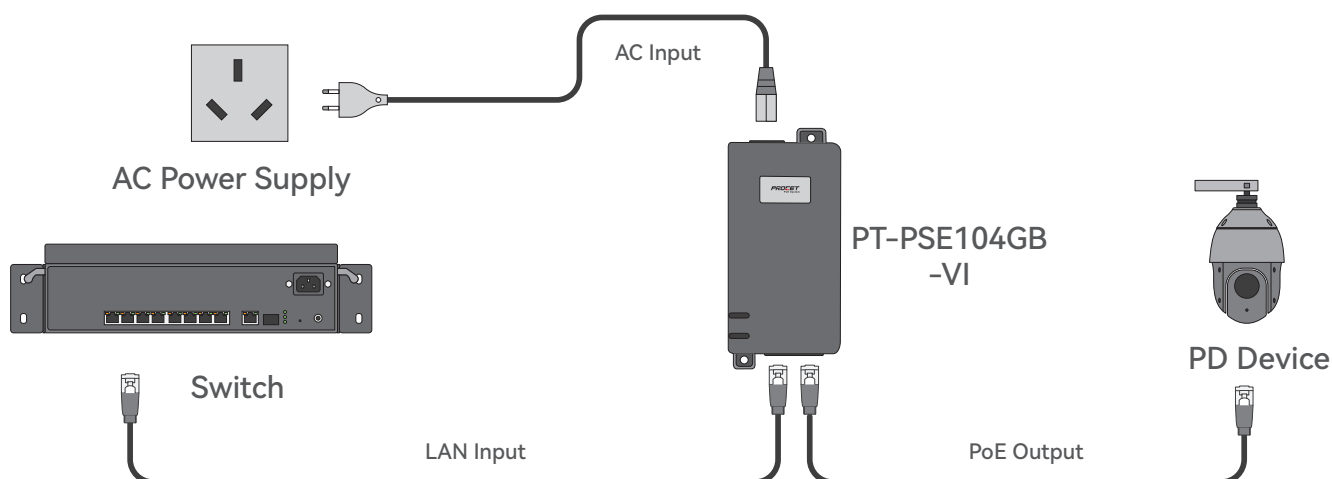
Product Introduction

This single-port high-power PoE injector is ERP Class VI compliant and designed for indoor use. It supports 100–240Vac input and delivers 55Vdc (1.1A) output, with a wide temperature range of –40°C to 40°C.

Supporting 10/100/1000Mbps data rates, it transmits data and power up to 100m via Cat5e/Cat6 cables using 4,5(+)/7,8(–) and 3,6(+)/1,2(–) wiring. It's ideal for 60W devices such as wireless APs, IP cameras, and IP phones.

Fully compliant with IEEE802.3af/at/bt, it features intelligent power management for auto PD detection, power matching, and plug-and-play setup. It powers only standard-compliant devices, ensuring safety and simplifying installation without socket constraints.

Product Connection Diagram



Product Specification

Item	PT-PSE104GB-VI
Ports	AC Input*1 PoE*1 LAN*1
PoE Standard	IEEE802.3af/at/bt Power over Ethernet
Input	100-240Vac 47-63Hz, 115VAC: 1.5A Max 230VAC: 0.75A Max
PoE Output	55Vdc 1.1A 60W Max
Power Pins	4/5(+),7/8(-) and 3/6(+),1/2(-)
Energy Efficiency	≥88%
NLPC	≤0.21W
Protections	Overvoltage Protection: < 60V Overcurrent Protection: ≤1.3A Short-circuit Protection: Automatic recovery after output shutdown
Surge Protection	AC Port Common Mode: 2KV Differential Mode: 1KV
Network Protocol	IEEE802.3 Ethernet IEEE802.3u Fast Ethernet IEEE802.3ab Gigabit Ethernet
Data Rate	100/1000Mbps
Operate Temperature	-40°C — 40°C
Operate Humidity	20%-80%, non-condensing
Operate Altitude	Below 5000 meters
Storage Temperature	-40°C — 70°C
Storage Himidity	10%-90%, non-condensing
Enclosure	Plastic
Installation	Wall-Mounted Installation
IP Rate	IP40
Size & Weight	145.5mm X 65.8mm X 33.5mm(262.1g)
Certification	CE/FCC/ERP

Model Comparison Chart

Item	PT-PSE104GB-VI	PT-PSE104GBN-VI	PT-PSE104GB-10-VI	PT-PSE104GBN-10-VI
Ports	AC Input*1 PoE*1 LAN*1			
PoE Standard	IEEE802.3af IEEE802.3at IEEE802.3bt	Passive	IEEE802.3af IEEE802.3at IEEE802.3bt	Passive
Power Pins	4/5(+),7/8(-) and 3/6(+),1/2(-)			
Data Rate	100/1000Mbps		1G/2.5G/5G/10Gbps	
Size	145.5mm X 65.8mmX 33.5mm			



**Creative Lianjie Network
Technology Co. Ltd**

Email: sales@cxlj.com.cn www.procetpoe.com