*This diagram showcases the PT-PSE106GBTR-S-24VAC product.

PT-PSE106GBTR-S-24VAC
PoE Injector

Product Overview

The PT-PSE106GBTR-24VAC series is a wall-mounted PoE power supply. It supports both 24VAC and 24-48V DC power input options, with the PoE port compliant with the IEEE802.3af/at/bt standard, delivering a maximum output power of up to 60W per port.

This product features full gigabit ports, and the RJ45 port is compatible with 10/100/1000Mbps speeds. It operates stably in environments ranging from -40℃ to 55℃, with full-load startup achievable at -40℃.

The product meets the EN55032 3m EMC test standard, ensuring high electromagnetic immunity. Users can select optical port cascading or electrical port cascading based on their needs. The PoE port provides lightning and surge protection of up to 6KV common mode and 1.5KV differential mode. Designed for wall mounting, it is suitable for various office environments.
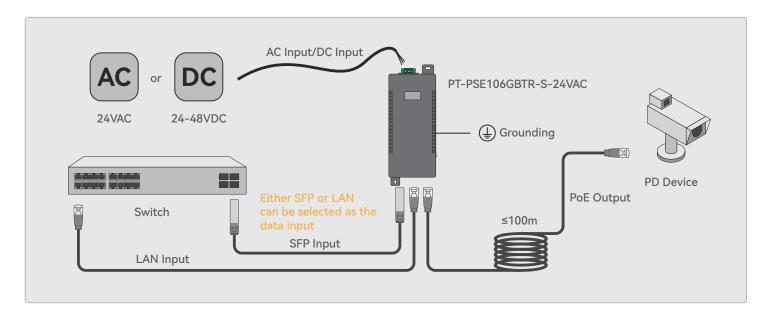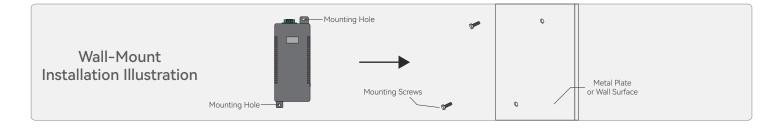
The Differences between PT-PSE106GBTR-24VAC Series Products

Model	PoE Standard	Input	Output	Data Rates	Interface
PT-PSE106GBTR-24VAC	IEEE802.3af /at/bt	AC: 22–35Vac (Normal=24Vac) 50/60Hz 5.5A DC: 24–48Vdc (Normal=24Vdc) 5.5A	55Vdc 1.1A	10/100/1000Mbps	AC/DC*1 + PoE*1 + LAN*1 + Grounding*1
PT-PSE106GBTR-10-24VAC				10Gbps	AC/DC*1 + PoE*1 + LAN*1 + Grounding*1
PT-PSE106GBTR-S-24VAC				10/100/1000Mbps	AC/DC*1 + PoE*1 + LAN*1 + SFP*1 + Grounding*1

Connected Diagram

AC or DC

24VAC   24-48VDC

AC Input/DC Input

PT-PSE106GBTR-S-24VAC

Grounding

PD Device

PoE Output

≤100m

Switch

Either SFP or LAN can be selected as the data input

SFP Input

LAN Input

Wall-Mount Installation

Wall-Mount Installation Illustration

Mounting Hole

Mounting Hole

Mounting Screws

Metal Plate or Wall Surface

Specifications

Standard	IEEE802.3i 10Base-T Ethernet
	IEEE802.3u 100Base-Tx Fast Ethernet
	IEEE802.3ab 1000Base-T Gigabit Ethernet
	IEEE802.3Z:1000Base-LX
	IEEE802.3af/at/bt
Input & Output	Interface: PoE*1 LAN*1+SFP*1 AC/DC*1 Grounding*1
	AC Input: 22-35Vac(Normal=24Vac) 50/60Hz 5.5A DC Input: 24-48Vdc(Normal=24Vdc) 5.5A
	Output: 55Vdc 1.1A
	PoE Power Pins: 4,5(+)/7,8(-) 3,6(+)/1,2(-)
	Data Rates: RJ45 Ports: 10/100/1000Mbps, SFP: 1000Mbps
	PoE Surge Protection: Common mode: 6KV Differential mode: 1.5KV
Mechanical Characteristics	Operating Temperature: -40℃ to 55℃
	Operating Humidity: 20% to 90%, non-condensation
	Case: Plastic Case
	Color: Black
	IP Rate: IP40
	Sizes: 193mm X 85mm X 40.95mm
	Weight: 591g