

Overview

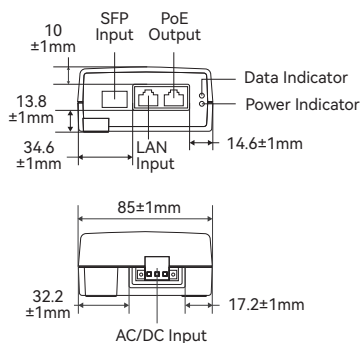
The PT-PSE106GBTR-24VAC series is a wall-mounted PoE power supply. It supports both 24VAC and 24-48VDC power input options, with the PoE port compliant with the IEEE802.3af/at/bt standard, delivering a maximum output power of up to 60W per port.

This product features full gigabit ports, and the RJ45 port is compatible with 10/100/1000Mbps speeds. The PT-PSE106GBTR-10-24VAC model supports 10Gbps speeds. It operates stably in environments ranging from -40°C to 55°C, with full-load startup achievable at -40°C.

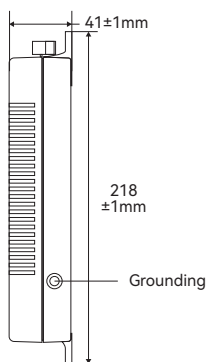
The product meets the EN55032 3m EMC test standard, ensuring high electromagnetic immunity. Users can select optical port cascading or electrical port cascading based on their needs. The PoE port provides lightning and surge protection of up to 6KV common mode and 1.5KV differential mode. Designed for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

Appearance

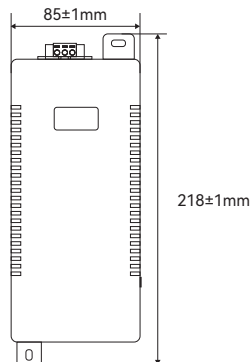
Front View



Side View



Top View



Specification

PT-PSE106GBTR-24VAC Series	
AC Input	22-35Vac(Normal=24Vac) 50/60Hz 5.5A
DC Input	24-48Vdc(Normal=24Vdc) 5.5A
Output	55Vdc 1.1A
PoE Standard	IEEE802.3af/at/bt
IP Rates	IP40
PoE Power Pins	4,5(+)/7,8(-) 3,6(+)/1,2(-)
Operating Temp.	-40°C to 55°C
Network Protocol	IEEE802.3i/IEEE802.3u/IEEE802.3ab/IEEE802.3z
Data Rate	RJ45 Ports: 10/100/1000Mbps, SFP: 1000Mbps
Mounting	Wall-Mounting
PoE Surge Protection	Common mode: 6KV Differential mode: 1.5KV
Interface	PoE*1 LAN*1/LAN*1+SFP*1 AC/DC*1 Grounding*1
Dimensions & N.W	193mm X 85mm X 40.95mm / 591g

Cautions

1. Please read the instructions carefully and follow the standard operating procedures before using.
2. The input is a 3-pin terminal, supporting both 24VAC/24-48VDC input.
3. Products with fiber ports require users to configure their own optical modules, supporting either single-mode or multi-mode.
4. For indoor use only.
5. This device must be grounded.
6. Do not place this device on an unstable box or table. If it falls, it may sustain serious damage. When choosing wall-mounted installation, ensure it is properly secured.
7. Leave sufficient space (greater than 5cm) around the device to ensure proper heat dissipation.
8. Do not place heavy objects on this device.

Trouble Shooting

Failure Phenomena	Cause Analysis	Solutions
Power LED Light Off	Not plugged in / no power	Plug in the power cord
	Poor Power outlet Poor Power cord Power cable is not plugged in firmly	Check if the socket connection is loose, if the power cable is damaged, or if the power supply is abnormal
	Device issues	Device replacement
Load Indicator Light Off	Poor network cable contact or network cable failure	Re-plug the network cable or replace the network cable
	Non-PoE compliant PD or unsupported PD or mismatched PD	PD replacement
	PD Damaged	PD replacement
Data Transmission Abnormality	Check if the total length of the network connection cable exceeds 100 meters	Shorten the connection distance, or add an extender / repeater
	LAN port signal source malfunction	Check if the switch working properly
	Ethernet data transmission failure	Check if the cable comply with the EIA/TIA568B or 568A Change good network cable if the previous cable is poor

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