

User Manual for PoE Extender

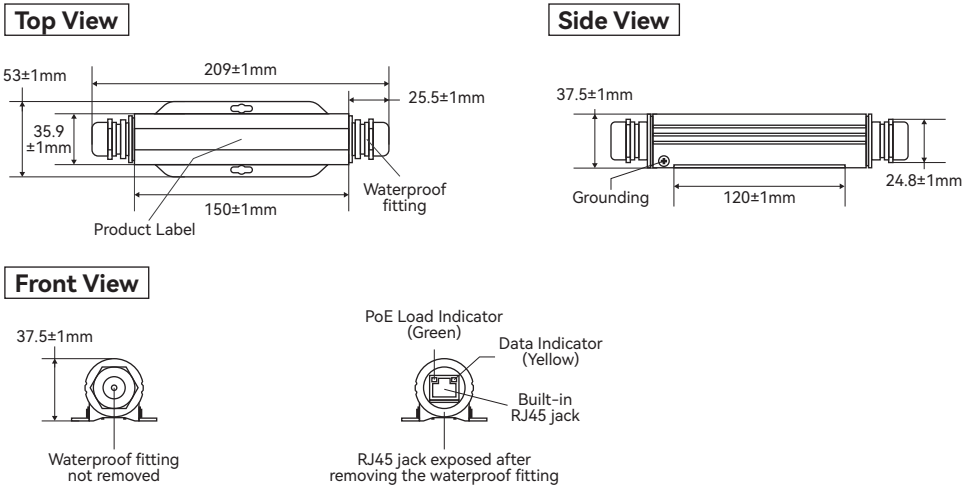
PT-PEX01GB-OT
PT-PEX25GB-OT
PT-PEX02GB-OT

Overview

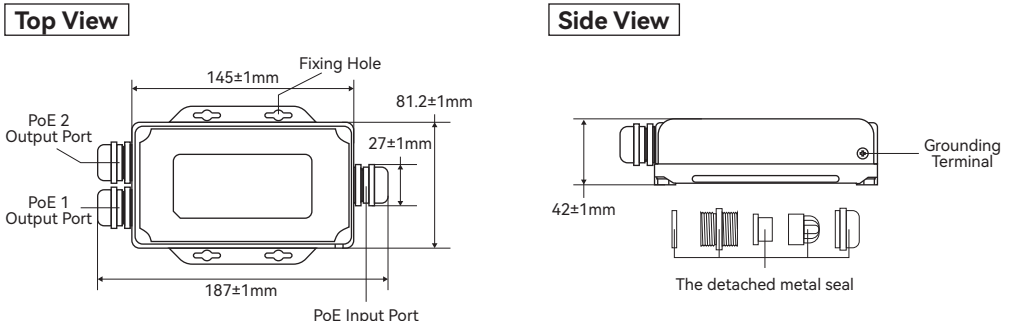
The industrial-grade PoE network extender is designed for harsh outdoor environments. Ideal for security surveillance systems, outdoor network deployments, and similar scenarios, it ensures stable long-distance PoE power supply and data transmission.

Appearance

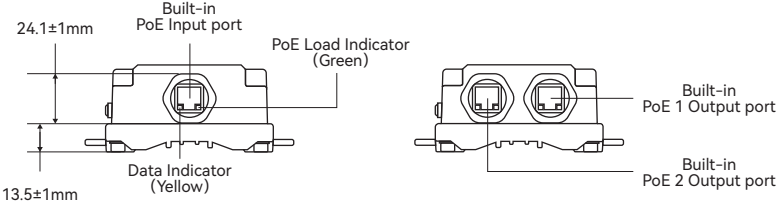
- **Single-port models (PT-PEX01GB-OT & PT-PEX25GB-OT) :**



- **Dual-port model (PT-PEX02GB-OT) :**



Front View



Model Comparison Chart

Item	PT-PEX01GB-OT	PT-PEX25GB-OT	PT-PEX02GB-OT
PoE Standard	IEEE802.3af/at/bt Power over Ethernet		
Data Rates	100/1000Mbps	100/1000/2500Mbps	100/1000Mbps
Input	44~57Vdc 1.72A, 95W(Max)		
Output	55Vdc 1.30A, 72W(Max)		55Vdc 0.82A(Max) Single port Max 50W, total 90W
Power Pins	4/5(+),7/8(-) 3/6(+),1/2(-)		
Ports	PoE Input * 1 PoE Output * 1		PoE Input * 1 PoE Output * 2
Cascading Capability	100 meters per level, up to 500 meters with 4-level cascading		
Protection Rate	IP67		
Dimensions	209mmx53mmx37.5mm		194mmx101mmx41mm

Installation Steps

• Step 1: Determine Installation Location

Prioritize the midpoint between the PoE switch and PD device. Single-stage transmission distance ≤ 100m; inter-stage distance ≤ 100m for cascading.

Choose a location with convenient grounding access.

• Step 2: Secure the Device

Pole Mounting: Use stainless steel clamps to fix the device on vertical poles with a diameter of 70~110mm, and tighten the fixing screws.

Wall Mounting: Mark the hole positions on the wall, drill holes, insert expansion screws, and secure the device.

