PROCET®
PoE System



*This diagram showcases the PT-PSE118GR-OT product.

PT-PSE118GR-OT_30W Series

Outdoor PoE Injector

Product Overview

* The product supports direct AC power supply.
* With a wide temperature design, it can operate in environments ranging from -40°C to 65°C, making it suitable for outdoor use. It can achieve full-load startup at -40°C.
* The PoE and AC ports provide surge protection of up to 6KV (common mode), ensuring safe and stable power delivery.
* It complies with the EN55032 3m EMC test standard, offering high electromagnetic interference resistance.
* The product supports full gigabit ports and is compatible with 10/100/1000Mbps network speeds.
* The PT-PSE118GR-OT-10 and PT-PSE118GRN-OT-10 models support transmission speeds of up to 10Gbps.
* Aluminum Alloy shell, IP67 waterproof protect rated, Waterproof metal cable glands, Excellent corrosion resistance.

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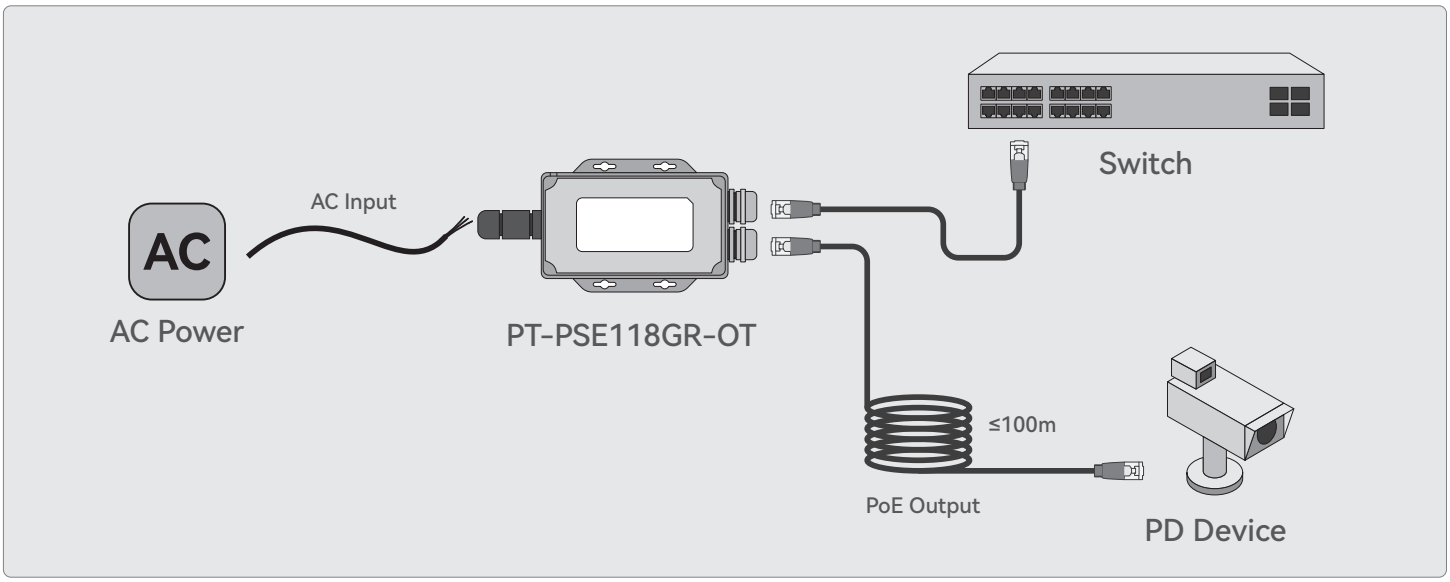
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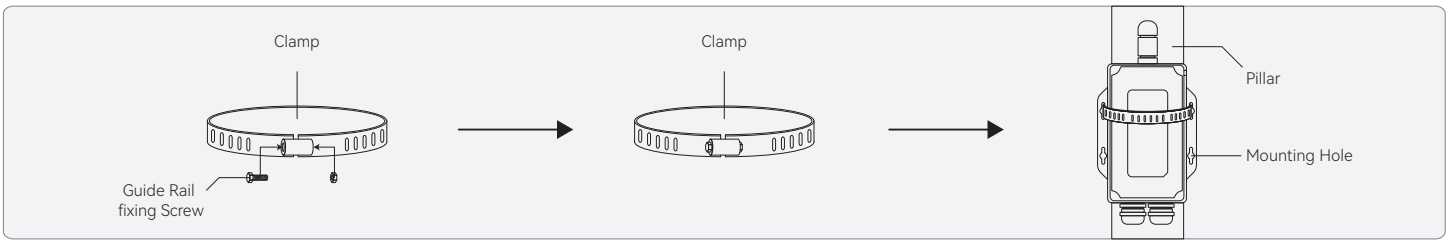
PT-PSE118GR-OT Series Products and Their Differences

Model	PoE Standard	Data Rates	AC Input	Output	Power Pins	Port
PT-PSE118GR-OT	IEEE802.3af/at	10/100/1000Mbps	100-240Vac 1.5A(Max)	55Vdc 0.55A (Max) 30W	4,5(+)/7,8(-)	AC*1 PoE*1 LAN*1 Grounding*1
PT-PSE118GR-OT-10	IEEE802.3af/at	10/100/1000Mbps 2.5/5/10Gbps				
PT-PSE118GRN-OT	Passive	10/100/1000Mbps				
PT-PSE118GRN-OT-10	Passive	10/100/1000Mbps 2.5/5/10Gbps				

Connected Diagram



Installation diagram of column clamps



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Specifications

Standard	IEEE802.3i 10Base-T Ethernet
	IEEE802.3u 100Base-Tx Fast Ethernet
	IEEE802.3ab 1000Base-T Gigabit Ethernet
	IEEE802.3af/at
Input & Output	Interface: AC*1, PoE*1, LAN*1, Grounding*1
	AC Input: 100-240Vac 1.5A(Max)
	Output: 55Vdc 0.55A(Max) 30W
	PoE Power Pins: 4,5(+)/7,8(-)
	Data Rates: 10/100/1000Mbps, 2.5/5/10Gbps
	PoE Surge Protection: - Protected line: 1,2,3,4,5,6,7,8
	- Common mode surge protection(10/700us): 6KV
	- Differential mode surge protection (10/700us): 1.5KV
	AC Surge Protection: - Line-Earth 1.2/50us (8/20us): 6KV
	- Line-Line 1.2/50us (8/20us): 4KV
Mechanical Characteristics	Operating Temperature: -40℃ to 65℃
	Operating Humidity: 20% to 80%, non-condensation
	Case: Aluminium Alloy
	Color: White
	IP Rate: IP67
	Sizes: 211mm X 101mm X 42mm
	Weight: 625g

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