



Model:- VS-POE-013-EXT

National standard 1 input & 3 output Megabit waterproof POE repeater parameters

1. Product Briefing

The POE repeater splits the signal into three data streams, with each port compliant with the IEEE 802.3af/at standard; the switch supports extended transmission distances of up to 250 meters. When paired with a PSE power supply device, the POE repeater enables power delivery to wireless APs, wireless routers, IP cameras, IP phones, and other network devices in network environments lacking power cables or located far from power outlets. In many surveillance scenarios, the optimal placement of surveillance devices may not coincide with convenient power access; the POE repeater simplifies the integration of these devices into a POE network, allowing surveillance equipment to maintain its ideal installation position without compromising on outlet proximity. The housing is constructed from ABS engineering plastic, offering high temperature resistance and excellent thermal insulation; the pull-out box design ensures easy installation and removal, while vertical mounting enhances its waterproof performance.

2. Functional characteristics

- ▶ The device provides 1 x 100 Mbps RJ45 input port and 3 x 100 Mbps RJ45 output ports;
- ▶ POE standard power supply, intelligent power detection, supports 12/36 or 45/78 pin configurations, and supports 4-core/8-core network cables;
- ▶ Supports IEEE 802.3AF/AT, compatible with HK, DH, TP, and other POE switches as well as IPC.
- ▶ Extended transmission distance of 250 meters, transmission rate of 10 Mbps, stable signal performance, and automatic adaptation to 10/100 Mbps environments;
- ▶ Cross-connect lines and direct-connect lines automatically adapt, facilitating system commissioning and installation;
- ▶ High-quality components, rigorously designed, featuring stable transmission, and compatible with a wide range of application scenarios;
- ▶ The pull-out box features a sliding design, ensuring easy disassembly and installation, as well as superior waterproof performance when installed vertically.
- ▶ The housing is made of ABS engineering plastic, which offers high temperature resistance and excellent thermal insulation properties;



*Product casing and specifications are subject to change without prior notice..



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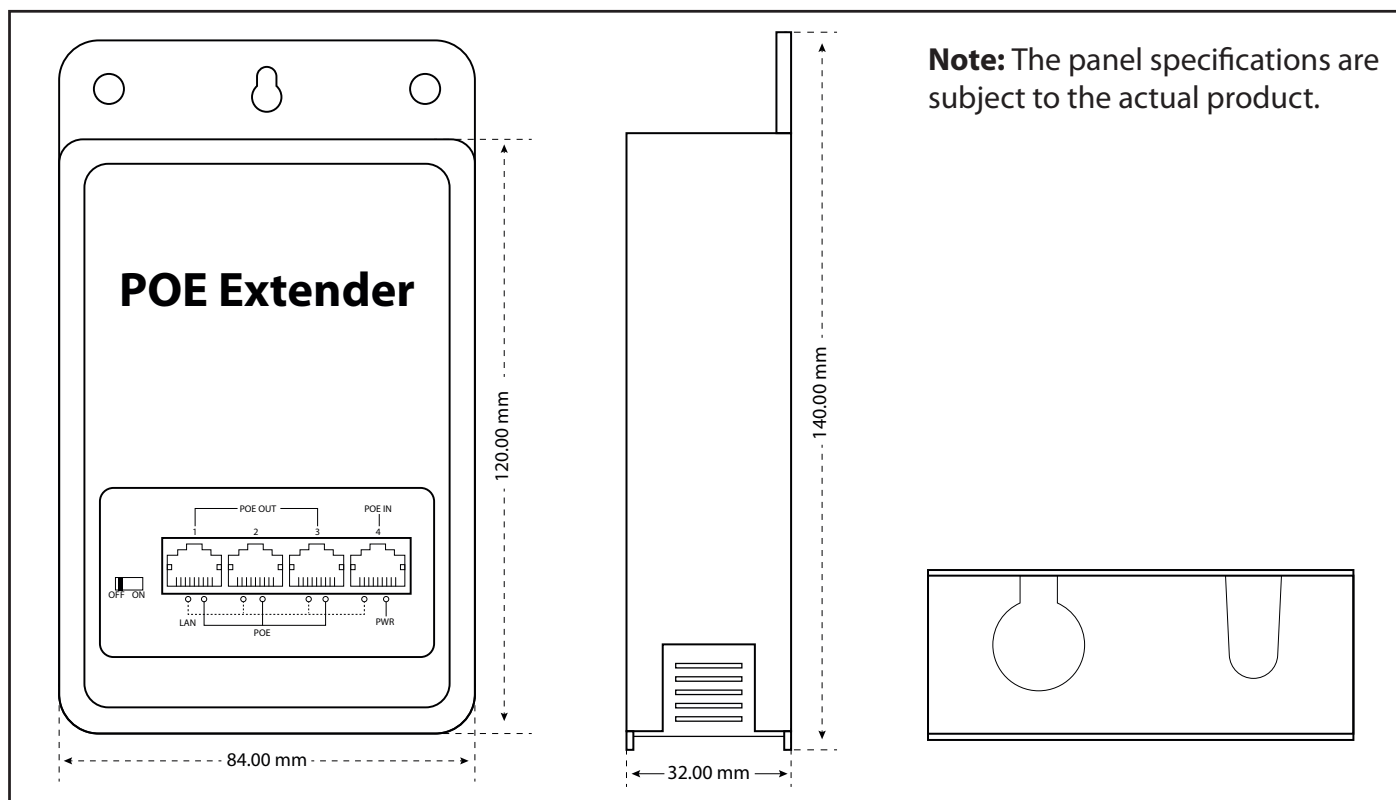




4. Mechanical Features

Feature		Specification
LEADING FEATURE	Product type :	National Standard Waterproof POE Repeater
	Input voltage:	DC 44V~57V
	Output voltage:	DC 44V~57V
	Total Power Consumption:	Full load <25 W
	MTBF:	100 ,000 hours
	Operating/Storage Temperature:	-30°C~ +70°C
	Relative Humidity:	5%-95% (no coagulation)
	Pilot Lamp:	Power light
	Switch:	When the switch is turned on, the POE power supply and data transmission distance between ports 1 and 2 of the splitter can be extended up to 250 meters, with the transmission rate increased to 10 Mbps.
CLASS	Key index	Attribute
CLASS	Levels of protection:	IP30
	Product model:	VS-POE-013-EXT
	Weight:	120 g/unit
	Interface:	1 1 RJ45 input port + 3 RJ45 output ports
	Hull:	High-quality plastic housing
	Product size:	120×84×32 mm (total length: 140 mm)

5. Product structure diagram



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