



PT-PEX01GB PoE Network Extender

Product Overview

PT-PEX01GB Network Extender is designed based on IEEE802.3af/at/bt standard for extending network distance of double or more. One standard RJ45 input port supports 802.3bt injector and PoE switch to be fed.

One standard RJ45 output port provides 55V/1.1 A power and 1000Mbps signal to standard PD. Can't power up non-802.3af/at/bt standard PDs.

The total effective distance from the PoE injector or PoE switch to the PD is 200 meters via Cat5e/-Cat6 cables.



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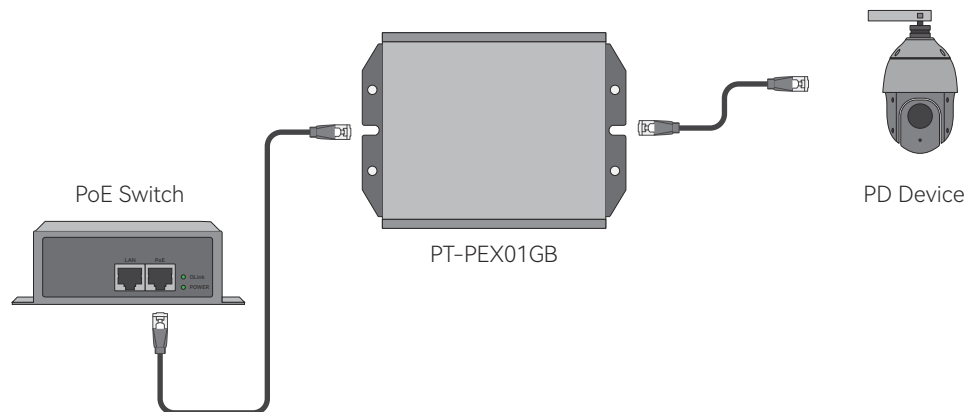
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Product Connection Diagram



Application Environment



Industrial production



Small base station



Surveillance camera



display

Technical Parameters

Standard	IEEE802.3 10Base-T Ethernet
	IEEE802.3u 100Base-Tx Fast Ethernet
	IEEE802.3ab 1000Base-T Gigabit Ethernet
	Support PoE injector with IEEE802.3bt
	RoHS Compliance, WEEE Compliance
Input & Output	Input :44-57Vac 1.5A Max IEEE802.3 bt
	Output Pins: 4/5+, 7/8- & 3/6+, 1/2-
	Output: 44-57Vdc 1.1A (Max 60W)
	Data Speed: 10/100/1000 Mbps
Working Environment	Operating Temperature: -40°C to 65°C
	Operating Humidity: 20% to 80%, non-condensation
Safety Approvals	CE, FCC
EMI	FCC Part 15 Subpart B, EN55032, EN55035
Surge Protection	Common-mode: 6KV, differential-mode: 1.5KV
Mechanical Characteristics	Enclosure: Black Metal Case
	IP Rated: IP40
	Size: 98.5mm X 70.27mm X 29.7mm
	Weight: 184g
	Connectors: RJ45*2 Earthing terminal*1