



PT-PEX02GB

Dual Port PoE Extender

Overview

PT-PEX02GB is an industrial-rated PoE Extender with two PoE output ports, specially designed for complex backhaul and networking applications. Enclosed in a high-impact metal shell. The 3 ports 10/100/1000Mbps includes: 1 x PoE-powered input port with 802.3bt/PoE++ at 60W or higher of 95W(Max) and 2 x PoE output ports with 6KV (10/700us) surge protection. Each output port delivers 30W(Max) power for remote two PDs, totaling up to 60W.

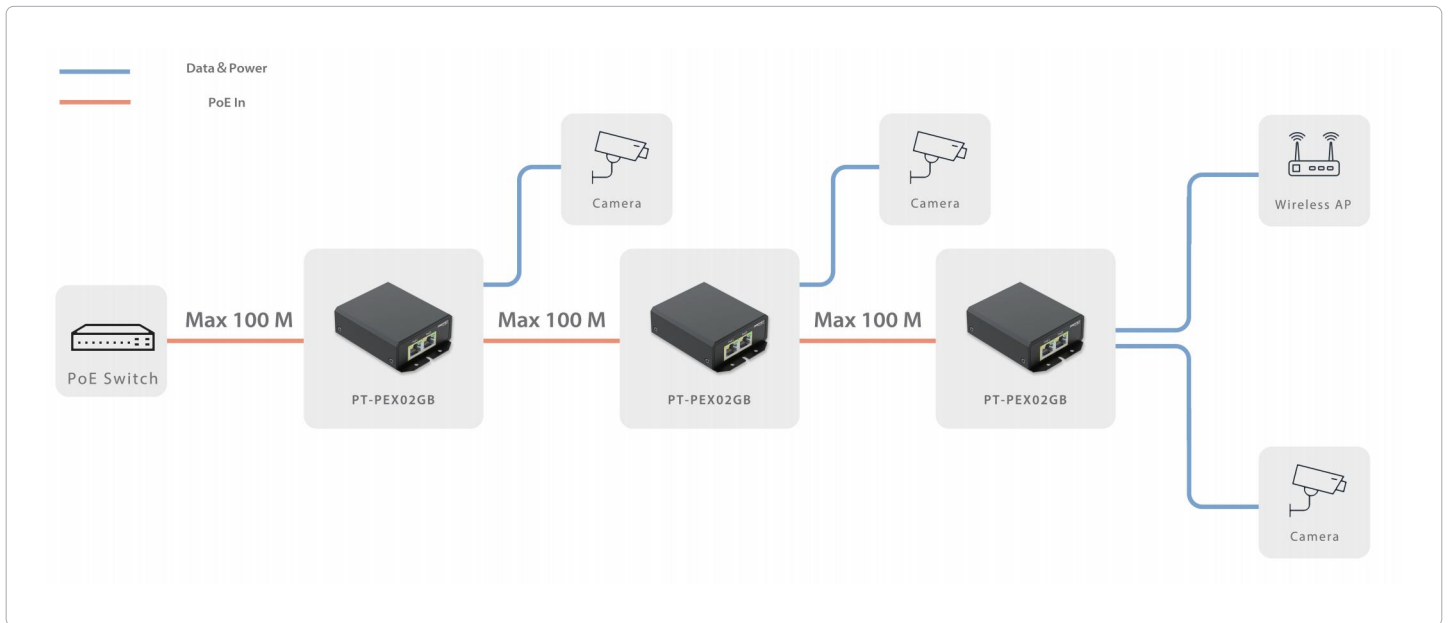
PoE Input port requiring more power which is powered by ultra 802.3bt PoE++ works with an input voltage of 44- 57Vdc and operates under -40 to +65 . Equipped detecting chip inside which will make the PoE identification handshake with IEEE802.3af/at/PoE+ PDs, such as wireless APs, IP cameras, base stations, Microwave radio, and other PoE power Ethernet backhaul devices. For planning purposes, the total effective distance from Ultra PoE to PDs is 200 meters over CAT5e/ CAT6 cables without local power.



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Product Working Diagram



Specification

Standard	IEEE802.3 10Base-T Ethernet
	IEEE802.3u 100Base-Tx Fast Ethernet
	IEEE802.3ab 1000Base-T Gigabit
	Full compliant with IEEE802.3af/at/bt/PoE++
	RoHS & WEEE compliance
Input & Output	Interface : PoE*3 Grounding*1
	Input : 44-57Vdc 1.5A Max IEEE802.3bt/PoE ++
	Power Pins : 3/6(+),1/2(-)
	Output : 44-57Vdc 0.55A * 2Ports (Total 60W)
Operating Environment	Data Speed : 10 / 100 / 1000Mbps
	Work Temp : -40 to 65
	Operating Humidity : 20% to 80%, non-condensation
Mechanical Characteristics	Case : metal
	Color : black
	IP Rated : IP40
	Dimensions : 98.5mm X 70.27mm X 29.7mm
	Weight : 207.8g