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POE-EXT04

4 Port Gigabit POE Extender with 90W POE Input, 1 in 4 Out POE Repeater



Outstanding Features

PoE Passthrough Switch

- No External Power Required: Powered by POE Switch or PoE Injector, passes PoE power to other PoE devices, such as VoIP phones and cameras.
- Extended PoE/Data Reach: Extends PoE and Gigabit Ethernet connectivity up to 330ft.

90W PoE++

- Input: 1 * IEEE 802.3af/at/bt port with up to 90W input power (Mode A/B).
- Output: 4 * IEEE 802.3af/at ports with total 80W PoE budget (Mode A).
- Standard PoE: Hardware-based IEEE 802.3af/at/bt PoE chipset ensures safe PD detection, classification, and power delivery.

Gigabit Connectivity

- Gigabit Speed: All ports support 10/100/1000 Mbps auto-negotiation.

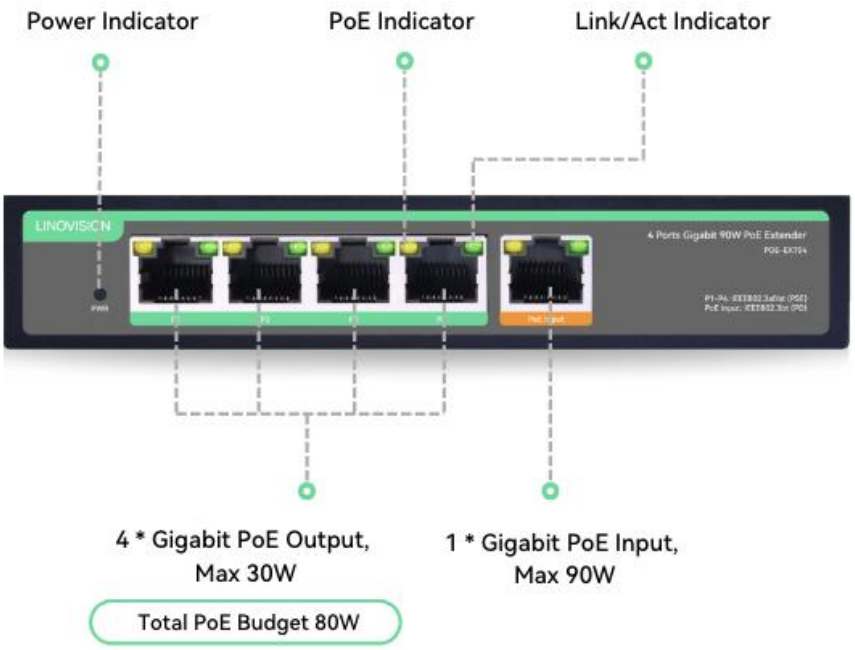
Industrial-Grade Protection

- Surge Protection: Differential mode ±4 KV, Common mode ±6 KV.
- Electrostatic Standard: Contact ±6KV, Air ±8KV.

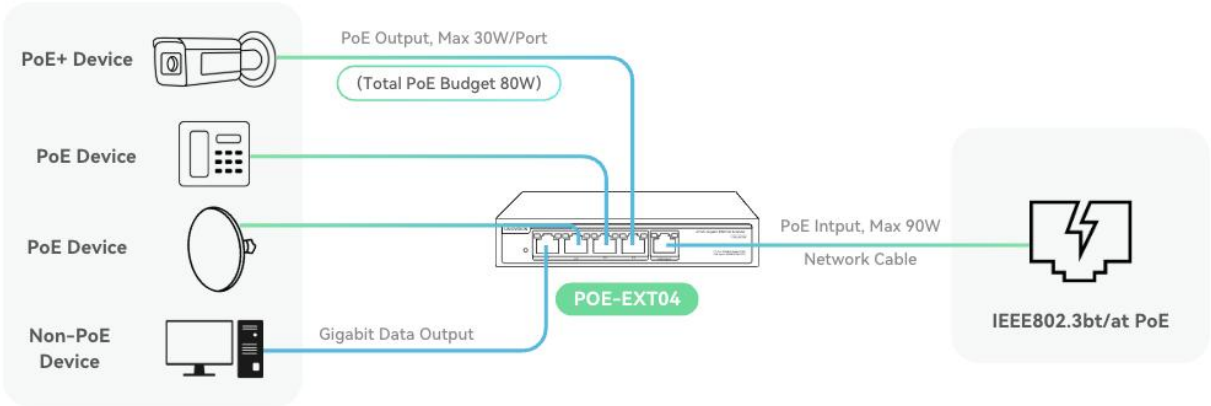
Important Notice: Only Mode A POE output is supported.

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Interface



Connection Diagram



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Specifications

Mechanical Specs	
Dimensions (W*H*D)	150 x 89 x 28 mm (5.90 x 3.50 x 1.10 in)
Weight	0.46 kg (1.01 lb)
Material	Aluminum
Interfaces	
PoE in Port	Ethernet Port: 1 * 10/100/1000BASE-T RJ45 PoE Standard: IEEE 802.3af/at/bt Power Pin Assignment: 1/2/4/5(-) , 3/6/7/8(+) PoE Power: Max. 90 W
PoE out Port	Ethernet Port: 4 * 10/100/1000BASE-T RJ45 PoE Standard: IEEE 802.3af/at Power Pin Assignment: 1/2(-), 3/6(+) PoE Power: Max. 30 W
LED Indicator	Power(Green), PoE(Yellow), Link/Act(Green)
Srandard	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
Switching Features	
Processing Types	Store-and-Forward
Backplane Bandwidth	16 Gbps
Packet Forwarding Rate	11.46 Mpps
MAC Address Table	4 K
Environment	
Operating Temperature	-20℃ to 55℃ (-4℉ to 131℉)
Storage Temperature	-40℃to 75℃ (-40℉ to 167℉)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Surge Protection	Differential mode ±4 KV, Common mode ±6 KV
Electrostatic Standard	Contact ±6KV, Air ±8KV
Stability Testing	IEC 60068-2-32 (Free fall) IEC 60068-2-27 (Shock) IEC 60068-2-6 (Vibration)
Regulatory Compliance	FCC Class A, CE Class A

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Dimension



Package Contents



POE-EXT04



User Manual

*Disclaimer: Technical specifications may subject to change without prior notice