

EXT-POE-G02

GIGABIT 2-PORT POE EXTENDER



OVERVIEW

EXT-POE-G02 is an unmanaged PoE extender with 2 10/100/1000M PoE ports (30W each) and 1 10/100/1000M uplink PD POE RJ45 port. Port 1 and 2 can support IEEE802.3af/at PoE standards, and a single-port PoE power is up to 30W. The working power of the PoE extender is taken from a PoE switch and no additional power supply is needed. It is installed at the end of the 100 meters network cable to extend the network LAN and POE power supply by 100 meters at full speed. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, video access control, etc. through a network cable, to meet the network environment that requires high-density PoE power supply, and to reduce the bandwidth to solve the twisted pair POE transmission within 200 meters. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises to form a cost-effective network. This POE extender is just for plug and play, easy to use and no settings needed.

FEATURE

- 3 10/100/1000Base-T RJ45 ports to meet the power supply and transmission requirements of 200 meters
- Support non-blocking wire-speed forwarding
- Support full duplex based on IEEE802.3x and half-duplex based on Backpressure
- 2 10/100/1000Base-T RJ45 ports to support PoE power supply to meet the needs of PoE power supply in various security scenarios
- IEEE 802.3af/at PoE standards, without damaging non-PoE devices
- Extend the network signal transmission distance and POE power supply to 100 meters
- Certifications CCC, CE, FCC, RoHS
- The user-friendly panel, it can show the device status through the LED indicator of PWR, Link PoE.
- Low power consumption, fan-less design and metal housing

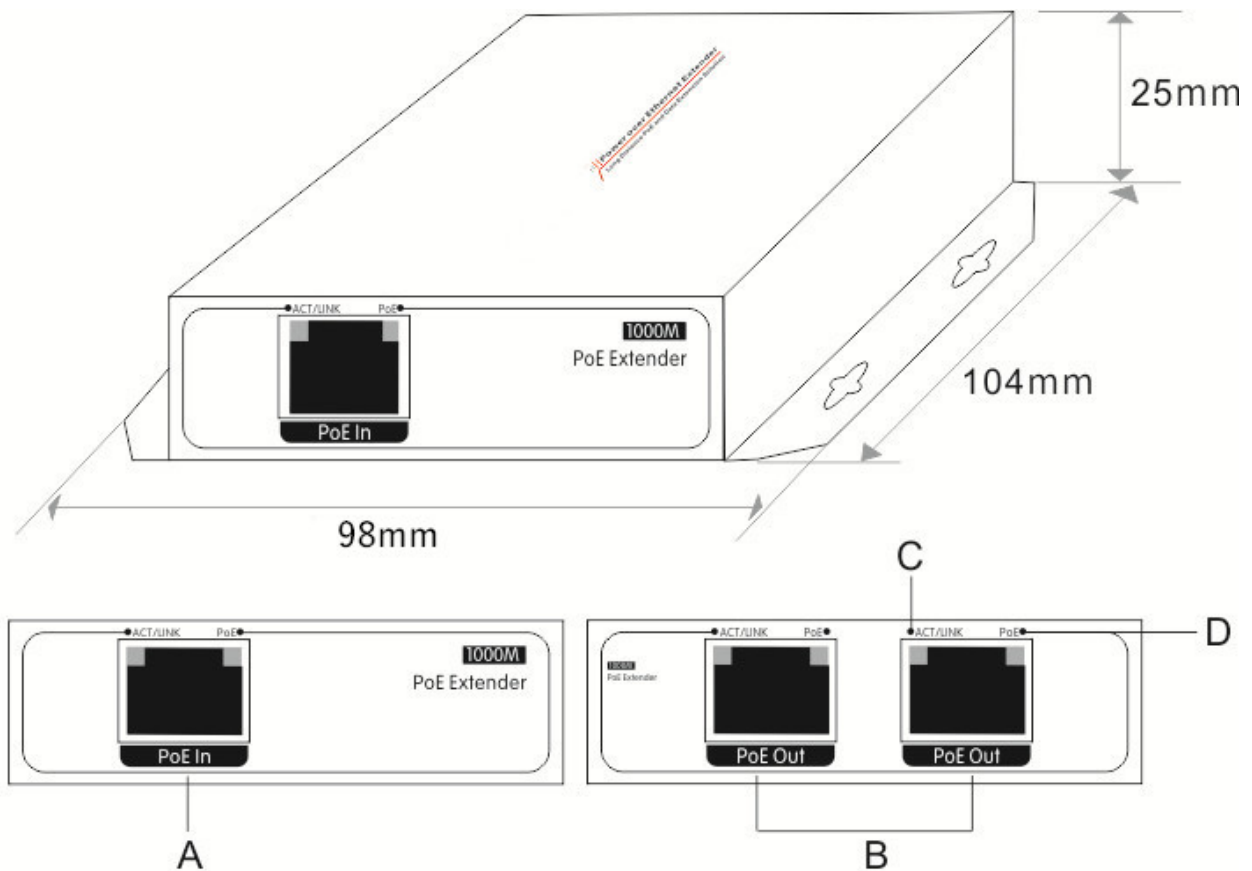
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TECHNICAL SPECIFICATION

Model	EXT-POE-G02
Interface Characteristics	
Fixed Port	2*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink PD RJ45 port (Data/Power)
Ethernet Port	Port 1-3 support 10/100/1000Base-T auto sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	6 Gbps
Forwarding Rate@64byte	4.46Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	1536byte
LED Indicator	PWR (green), Data: Link(yellow), POE: PoE (green)
PoE & Power Supply	
PoE Port	Port 1 and Port 2 support IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2 (+), 3/6 (-), Optional 4/5(+), 7/8(-)
Max Power Per Port	30W, IEEE802.3af/at (Limited by max input power of at)
Total Power	60W for 2 POE Output Ports
Power Consumption	Standby<4W, Full load<30W
Input Voltage and Interface	PoE (IEEE802.3af/at), RJ45 port connection

Power Supply	Not needed
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+80°C, 5%~95% RH Non condensing
Dimension (L*W*H)	104 x 98 x 25mm
Net /Gross Weight	<160g / <250g
Installation	Desktop or wall mounting
Certification & Warranty	
Lightning protection / protection level	Port lightning protection: 4KV 8/20us, Protection level: IP40
Certifications	CCC, CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS
Standard Warranty	2 years

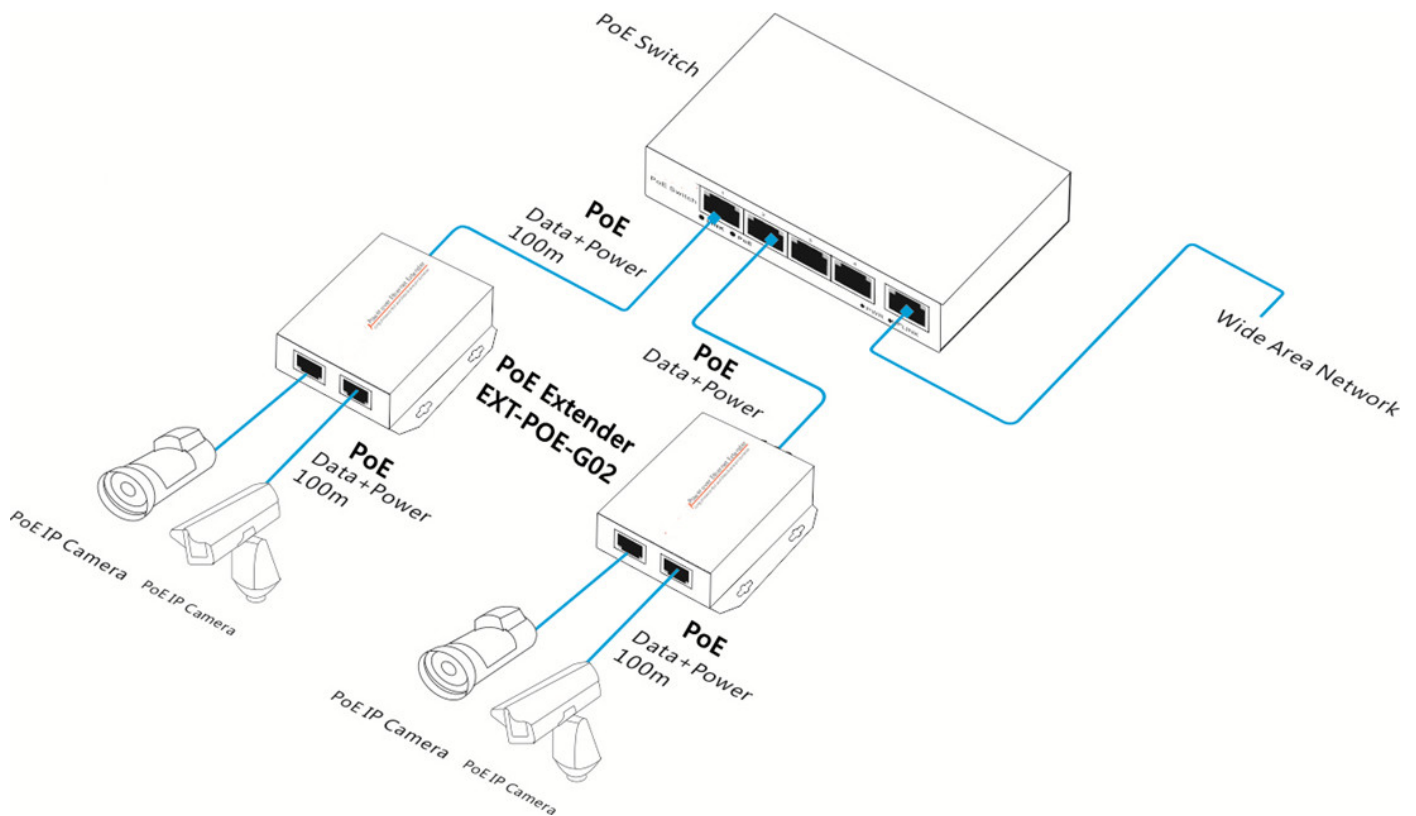
DIMENSION



A. 1*PoE Input RJ45 Port
C. ACT/LINK Indicator

B. 2*PoE Output RJ45 Port
D. PoE Indicator

APPLICATION



ORDERING INFORMATION

Model	Description
EXT-POE-G02	Unmanaged PoE Extender with 2*10/100/1000M PoE ports and 1*10/100/1000M uplink PD RJ45 port. Two PoE ports support IEEE802.3af/at PoE standards and can extend the PoE network (power and data) to 100 meters.

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	Gigabit PoE Extender	1	SET
	User Manual	1	PC
	Warranty Card	1	PC



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