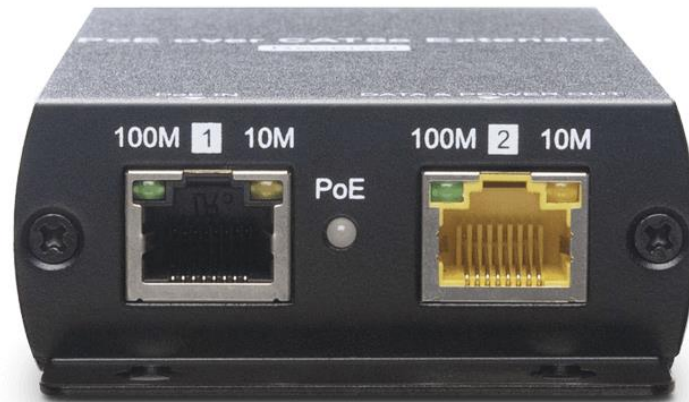




Nestron IP09P

PoE over CAT5e Extender

- Extends PoE signal over a cost-effective Ethernet cable.
- Signal extension up to 800M over Ethernet cable.
- Provides up to 90W power for remote PoE device.
- Power source from either a PoE switch or an external power adapter.
- Bandwidth up to 100Mbps.



IP09P is a point-to-point 800m long range PoE extender that uses a single ethernet cable (CAT5e, CAT6, CAT7) to transmit PoE signals. IP09P supports IEEE 802.3 at, 802.3 af, 802.3 bt standard and provides up to 90W of power for a remote PoE device, which is ideal for a professional CCTV system to connect a remote PoE camera to a PoE switch in a plug-and-play installation.

Features

- Extends PoE signal over cost-effective CAT5e (or greater) cable.
- Signal extension up to 800M over CAT5e (or greater) cable.
- Provides up to 90W power for remote PoE device.
- Power source from either a PoE switch or an external power adapter.
- Bandwidth up to 100Mbps.
- Supports Full duplex and half duplex mode and Auto MDI/MDI-X switching.
- Built-in 30kV ESD, 40A EFT, and 30A surge at RJ45 side.

Application

Power from a Power Adapter



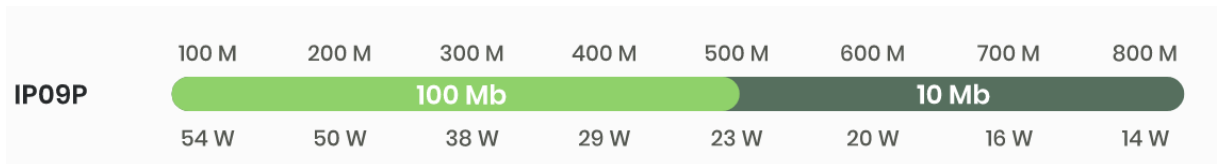
Power from a PoE switch



Extra-long Distance PoE Extension



High Power Supply



Specification

ITEM NO.	IP09PR	IP09PT
Support		
Compliance	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3bw 100BASE-T1 Ethernet IEEE 802.3 N-Way Auto-Negotiation IEEE 802.3x Full Duplex Operation and Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3bt Power over Ethernet Plus Plus	
Network Bandwidth	10/ 100Mbps	

Max. Transmission Distance	10Mbps at 800M, 100Mbps at 500M	
Ports & Interfaces		
Input	1 x RJ45	1 x RJ45
Output	1 x RJ45	1 x RJ45
Power Interface	1 x (5.5 x 2.1mm) DC Jack	1 x (5.5 x 2.1mm) DC Jack
Power		
Power Supply	DC 48 ~ 56V Regulated	DC 12 ~ 56V Regulated
Power Consumption	1W	1W
Ambient Temperature		
Operation	0 ~ 85°C	
Storage	-20 ~ 85°C	
Humidity	Up to 95%	
Physical Characteristics		
Dimensions	67 x 135 x 27mm	67 x 135 x 27mm
Weight	205g	215g