



IP/ POE
over CAT5e, 2 wire
Solution

SMART CCTV, AV, NETWORK CABLING SYSTEM SOLUTION

IP Over CAT5e Extender

IP09K

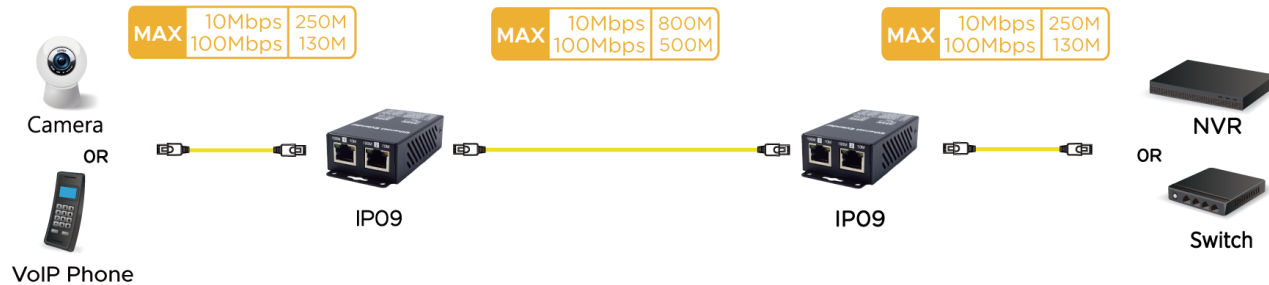
Ethernet Long Reach Extender over CAT5e 800M

IP09K Long Reach IP over CAT5e Extender

To send and extend TCP/IP signal over CAT5e/6 cable

- Distance support: 500 meters at 100Mbps, 800 meters at 10Mbps
- Support 10BASE-T, 100BASE-TX, 100BASE-TI standard.
- **Specification:**

500 meters at 100Mbps, 800 meters at 10Mbps



IP Over CAT5e Extender

IP02DK

IP Extender over CAT5e/Coax Extender 1.2KM

IP02DK IP over Coaxial/CAT5e Extender

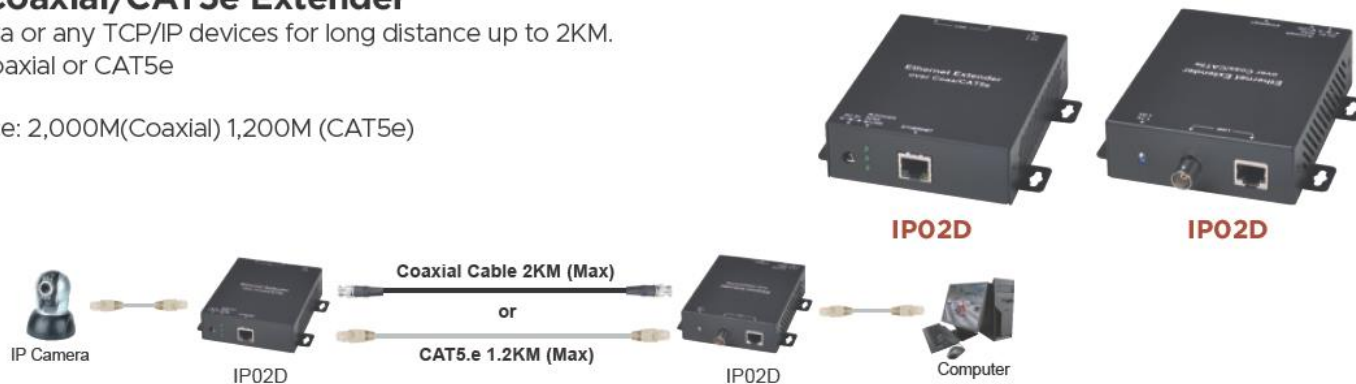
To extend signal of IP camera or any TCP/IP devices for long distance up to 2KM.

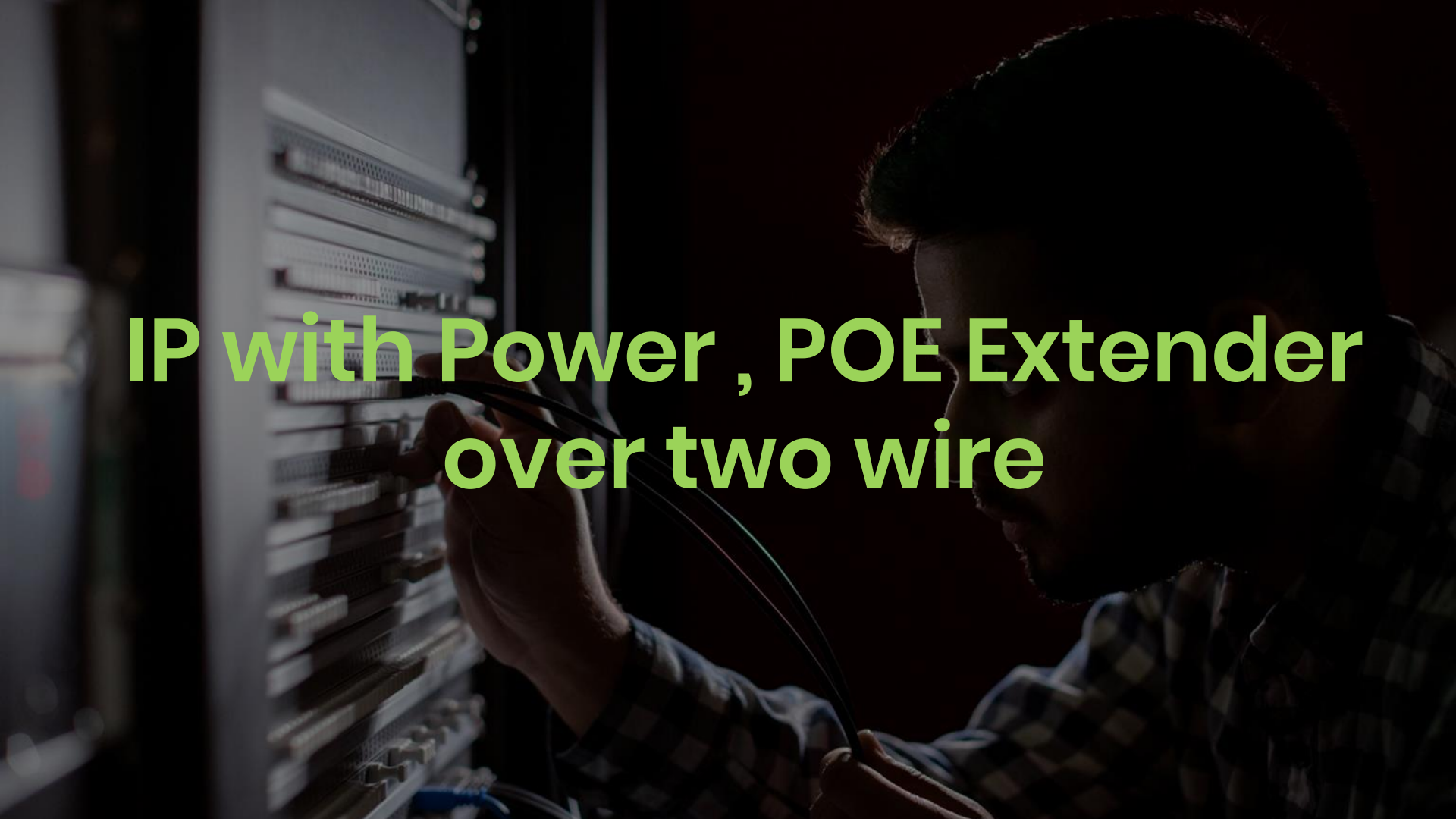
- Dual cabling selection: coaxial or CAT5e

【Specification】

Max transmission distance: 2,000M(Coaxial) 1,200M (CAT5e)

Link speed: 10/100 Mbps



A man in a checkered shirt is working on a server rack in a dimly lit room. He is holding a black cable and appears to be connecting it to a port on the server. The text "IP with Power , POE Extender over two wire" is overlaid in the center of the image in a bright green color.

**IP with Power , POE Extender
over two wire**

IP over Coax/Two Wire with Power (POC) Extender

IP07MK-DC48V | Chainable IP Extender IP07M x 2 units with 1 x DC48V power adapter

IP07M Chainable IP & Power over Coaxial/Two Wire Extender

To extend both IP camera signal and power over coaxial cable or any two wire cable.
Support chainable/ series/star configuration.(up to 4 IP cameras in one configuration).

【Specification】

Max transmission distance: 1500M

Link speed: 10/100 Mbps

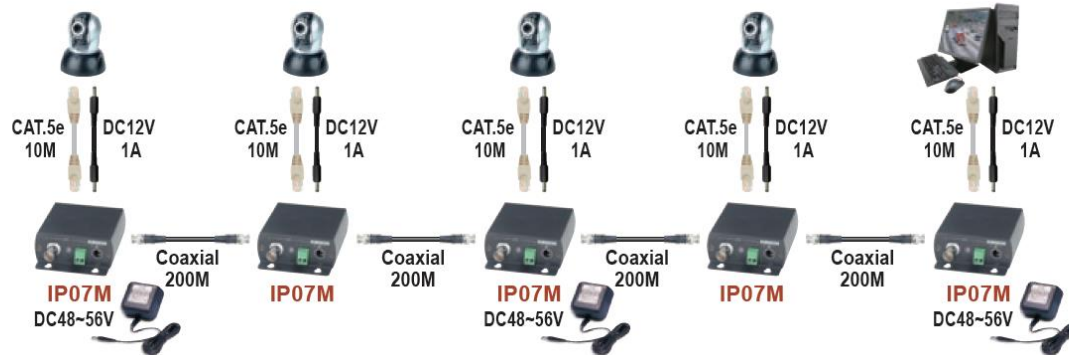
Power output: DC12V 1.0A(Max)

Power input: DC48V/40W: SWP480830

DC56V/70W:SWP551260



IP07M



POE over Coax/Two Wire Extender

IP03P

POE over Coaxial/Two wire Extender 600M

IP03P PoE over Coaxial/Two Wire Extender

To extend Ethernet and PoE signal over one coaxial on cable or any two wire.

- Power can be provided from PoE devices or power adapter.
- Built-in splitter for providing DC12V power to IP camera
- Provide high power PoE to PTZ cameras over long distances.

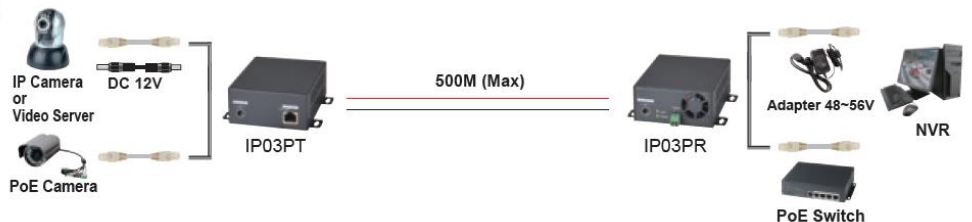
【Specification】

Cable: Coaxial cable or any two wire(UTP, telephone, bell, alarm, power)

Max transmission distance: PoE: 600M, Ethernet signal: 1000M

Link speed : 10/100 Mbps

PoE compliance: IEEE802.3af, IEEE802.3at



IP03PT

IP03PR

A man in a checkered shirt is working on a server rack in a dimly lit room. He is holding a network cable and appears to be connecting it to a port on the rack. The scene is focused on his hands and the equipment, with the background being dark and out of focus.

PoE CAT5e Exetnder

POE Extender over CAT5e 800M

IP09P

PoE Long Reach Extender over CAT5e 800M

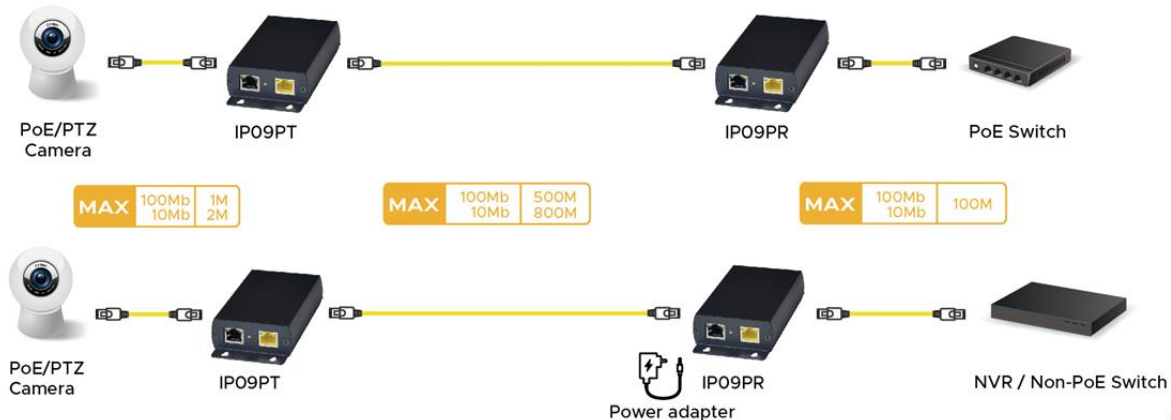
IP09P PoE Extender over CAT5e/6

Able to use one CAT5e/6 cable to extend PoE signal to up to 800M.

- RJ45 side support 10BASE-T, 100BASE-TX, 100BASE-TI standard.
- Support PoE IEEE 802.3af, 802.3at, 802.3bt.
- Power from either a PoE switch or an external power adapter

Specification:

Data rate: under 500 meters at 100Mbps, above 500 meters at 10Mbps.



4 Port POE Extender over CAT5e

IP02PHK

4 Port POE Camera Long Range over Coaxial/CAT5e Extender (IP02PH+IP02D)

IP02PHK 4 Port PoE Camera Long Range Extender

To extend 4 port IP/PoE signal over one coaxial or CAT5e cable.

- Package includes: IP02PH x 1, IP02D x1
- IP02PH supports auto-detect for detecting PoE or non-PoE devices

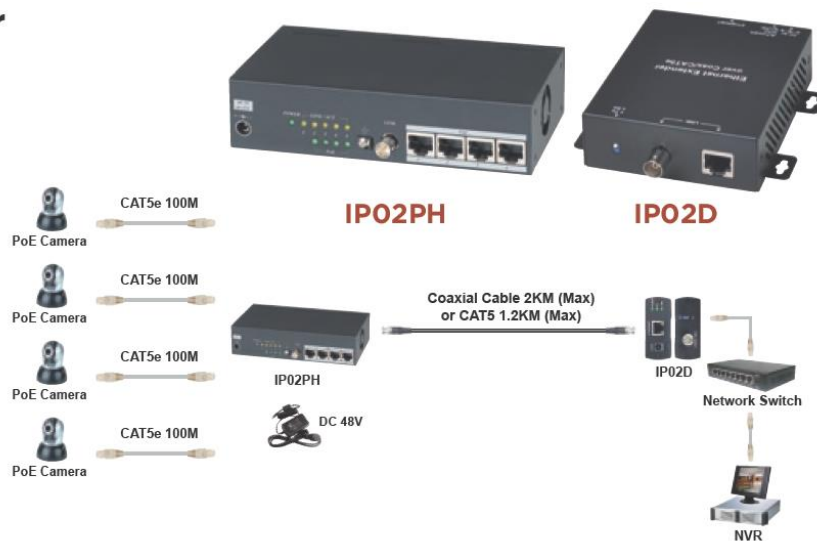
【Specification】

Cable: Coaxial or CAT5e

Max transmission distance: 2,000M(Coaxial), 1,200M(CAT5e)

Link speed : 10/100 Mbps

PoE compliance: IEEE802.3af



A man in a checkered shirt is shown in profile, focused on connecting a network cable to a server rack. The scene is dimly lit, with the primary light source coming from the server rack itself, creating a dramatic, low-key effect. The man's hands are positioned to plug a cable into one of the many ports on the rack. The overall atmosphere is technical and professional.

IP/ PoE Repeater

LAN (TCP/IP) Repeater

SR01X

LAN Repeater 120M (could be daisy chain for longer range)

SR01X Gigabit Ethernet Repeater

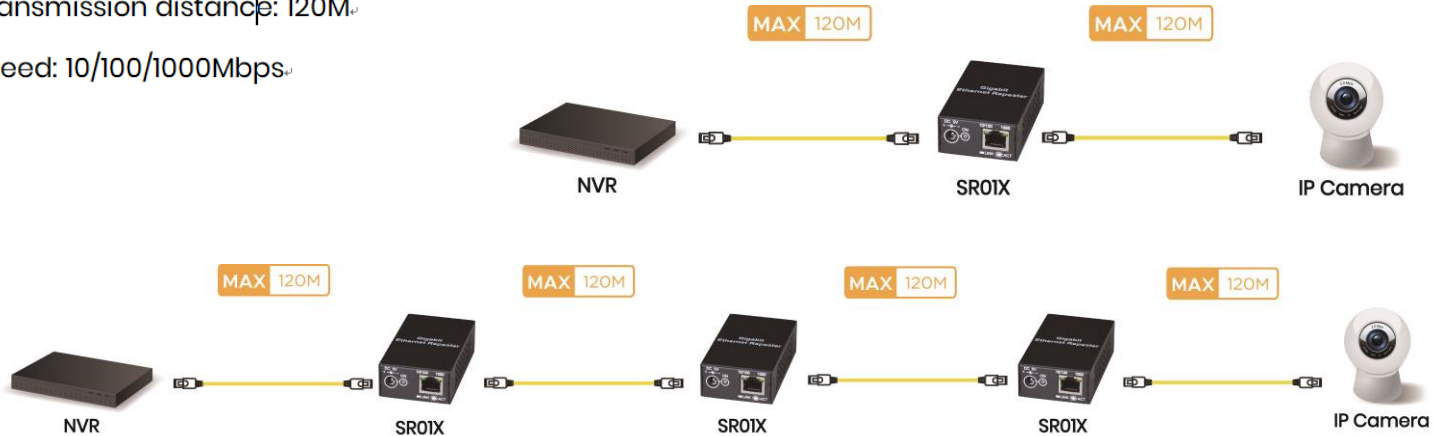
Extend IP signal over cost-effective CAT5e cable to up to 120M.

- Support data rate at 10/100/1000 Mbps (Auto-detection).
- Support Auto MDI/MDI-X.
- Support Full duplex and half duplex mode.

Specification:

Max transmission distance: 120M.

Link speed: 10/100/1000Mbps.



PoE over Coax Extender

IP01P

Passive PoE over Coaxial Extender

IP04 15W PoE Repeater

To extend PoE signal beyond 100M over CAT5e cable.

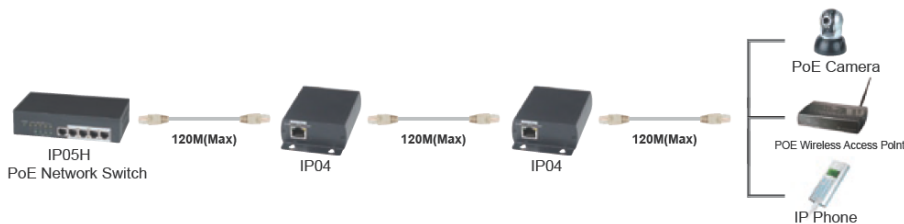
- Allow to chain multiple repeaters for long distance transmission.
- No external power required.

【Specification】

Max transmission distance: 120M

Link speed : 10/100/1000 Mbps

PoE compliance: IEEE802.3af



IP04

IP04X 30W High Power PoE Repeater

Identical to IP04, but support high power up to 30W.

【Specification】

Max transmission distance: 120M

Link speed : 10/100/1000 Mbps

PoE compliance: IEEE802.3af, IEEE 802.3at



IP04X

A man in a checkered shirt is working on a server rack in a dimly lit room. He is holding a cable and looking at the server panels. The text "IP/PoE Surge Protector" is overlaid in green.

IP/PoE Surge Protector

IP Surge Protector

SP006	Ethernet IP Camera Surge Protector
SP006H	High Performance 10G Ethernet Surge Protector

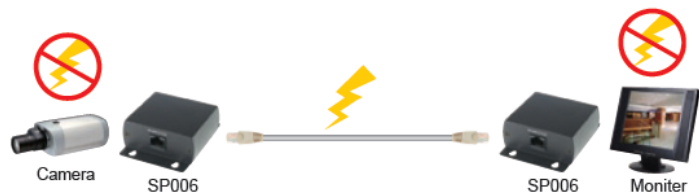
SP006 Ethernet Surge Protector

To protect Ethernet equipment (four pairs protection) from high voltage surges from nearby lightning strikes.

- Perfect for IP camera, network, PC modem, server

【Specification】

Link speed: 10/100Mbps
Response time: < 1ns
Max discharge voltage: 4kV
Insertion loss: < 0.2dB



SP006

SP006H High Performance 10G Ethernet Surge Protector

Identical to SP006, but support data rate up to 10Gbps

- Perfect for HDBaseT extender and any Ethernet equipment.
- Built-in ESD, EFT (impulse noise) protection.

【Specification】

Link speed : 10/100/1000Mbps/10Gbps
Response time: < 1ns
Max discharge voltage: 6kV
Insertion loss: < 0.2dB



SP006H

PoE Surge Protector

SP006P	PoE Surge Protector
SP006PH	High Performance 1G PoE Surge Protector
SP006PHO	High Performance Outdoor 1G PoE Surge Protector
SP016P	16 Channel POE Surge Protector 1U Rack

SP006P PoE Surge Protector

To protect PoE equipment from high voltage surges from nearby lightning strikes.

- Support Mid-Span PoE and End-Span.

【Specification】

Link speed: 10/100Mbps

PoE compliance: IEEE802.3af, IEEE802.3at

Response time: < 1ns

Max discharge voltage: 4kV

Insertion loss: < 0.2dB



SP016P 16 Channel PoE Surge Protector in 1U Rack

To protect up to 16 devices of 1G PoE equipment from high voltage surges from nearby lightning strikes.

【Specification】

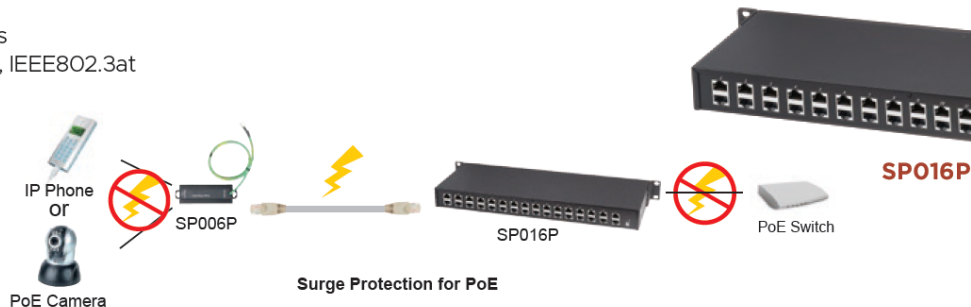
Link speed: 10/100/1000Mbps

PoE compliance: IEEE802.3af, IEEE802.3at

Response time: < 1ns

Max discharge voltage: 4kV

Insertion loss: < 0.2dB



PoE Surge Protector

SP006P	PoE Surge Protector
SP006PH	High Performance 1G PoE Surge Protector
SP006PHO	High Performance Outdoor 1G PoE Surge Protector
SP016P	16 Channel POE Surge Protector 1U Rack

SP006PH High Performance 1G PoE Surge Protector

To protect 1G PoE equipment from high voltage surges from nearby lightning strikes.

- Support Mid-Span PoE and End-Span.

【Specification】

Link speed: 10/100/1000Mbps

PoE compliance: IEEE802.3af, IEEE802.3at

Response time: < 1ns

Max discharge voltage: 4kV

Insertion loss: < 0.2dB



SP006PH

SP006PHO High Performance Outdoor 1G PoE Surge Protector

To protect outdoor 1G PoE equipment from high voltage surges from nearby lightning strikes.

- Support high power 90W pass-through

【Specification】

Link speed: 10/100/1000Mbps

PoE compliance: IEEE802.3af, IEEE802.3at, IEEE802.3bt

Response time: < 0.7ns

Max discharge voltage: 20kV

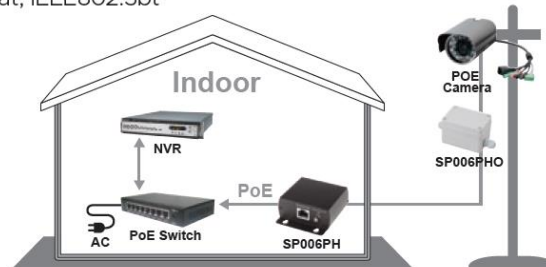
Max discharge current: 10KA

Insertion loss: < 0.2dB

Water proof rating: IP66



SP006PHO





Thank You

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