

POE CABLING TRANSMISSION

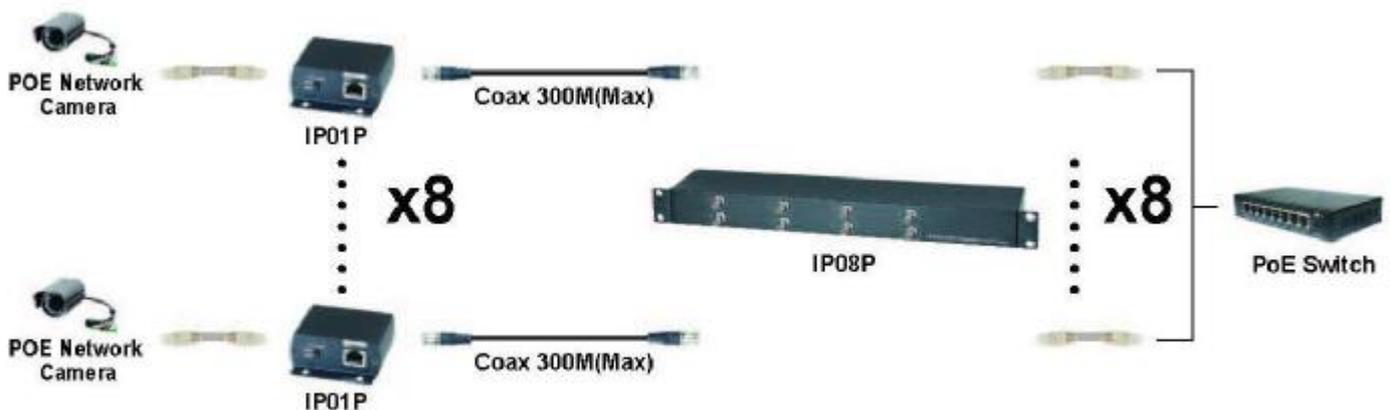
ITEM NO.: IP08P 8 Channel POE Extender over Coax



IP08P Extender is designed to send and extend POE camera devices over existing coax cable. 8 Channel 1U rack panel type for professional and big system installation. The distance could up to 300 meters by RG6U 75Ω Coaxial Cable. They are completely transparent to protocols, codes, and applications ensuring compatibility with any POE camera and its management software. It is perfect solution to replace the analog camera to POE camera using existing coax cable.

IP08P 8 Channel POE Extender over Coax 300M in 1U Rack Mounting Panel

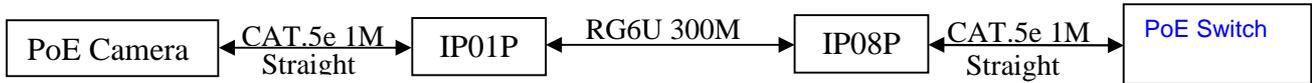
- I To extend POE camera over coax cable.
- I Works as a 8 Channel receiver in rack panel type at POE switch side .
- I Work with IP01P-01 1 Channel POE extender at POE camera side.
- I Connects POE camera to 10/100BaseT POE Injector/Switch over one coax cable.
- I Support POE: IEEE 802.3af and IEEE802.3at
- I Support 10/100 Mbps transmission rate.
- I Power source from POE Injector/ POE Switch (order separately)
- I Optional Mode: IP01P-01 1 Channel POE extender over coax.



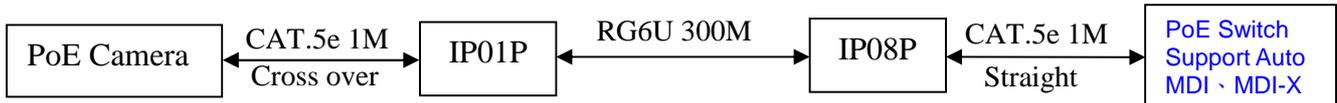
Installation Tip :

1. Before connection with PoE Switch, please check if it support "Auto MDI · MDI-X" mode or not.
2. Please find below four different network cable method based on the spec. of POE switch.
3. Package included two 20cm Crossover cable.

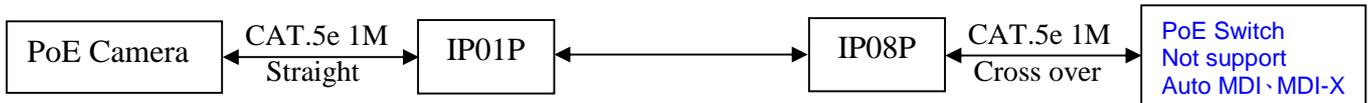
- A. PoE camera and PoE switch both end using Straight cable connection, move the dip switch to MID-SPAN, the RJ45 LED light will be on (If the LED light not on, move the dip switch to END-SPAN)



- B. If the above connection not working, PoE Camera end use Crossover cable, POE Switch end use Straight cable.



- C. If the above connection not working, PoE Camera end use Straight cable, POE Switch end use Crossover cable.



- D If the above connection not working, PoE camera and PoE switch both end using Crossover cable.



Transmission Distance Chart :

Coax Cable	Distance	Link Speed	Power Output	
			PoE IEEE802.3af	PoE IEEE802.3at
RG59	100M	10Mbps	10W	20W
RG59	200M	10Mbps	7W	18W
RG6U	100M	100Mbps	10W	20W
RG6U	200M	10Mbps	7W	18W
RG6U	300M	10Mbps	5W	15W

Cable:

Link cable use high quality 75Ω coaxial RG59, RG6U cable.

RJ45 Pin Define:

- | | |
|-----------------|------|
| 1. Orange-white | TX + |
| 2. Orange | TX - |
| 3. Green-white | RX + |
| 4. Blue | PoE+ |
| 5. Blue-white | PoE- |
| 6. Green | RX- |
| 7. Brown-white | PoE- |
| 8. Brown | PoE- |

LED Indication:

Green : Power ON/OFF

PoE MODE Switch :

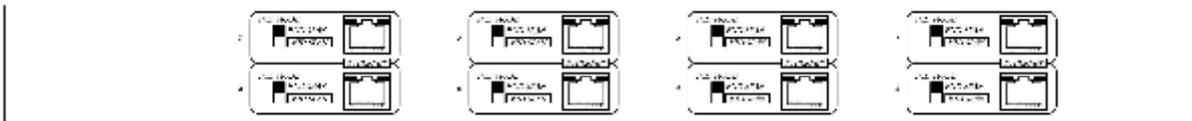
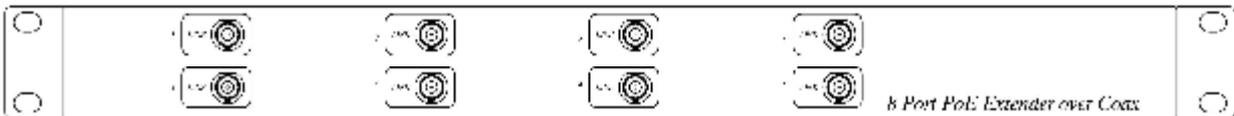
END SPAN Using RJ45 Ethernet pin1 / 2 and 3/ 6 to send Power.

MID SPAN Using RJ45 Ethernet pin 4 / 5 and 7/ 8 to send power. (Recommend Setting)

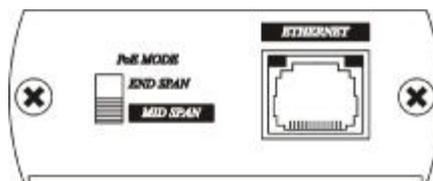
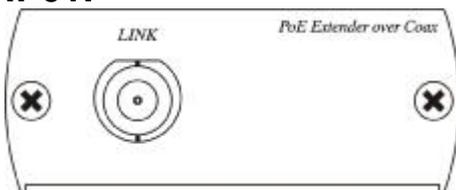
Caution :

1. IP01P/IP08P only works with PoE devices; please make sure the POE mode before connecting the power.
2. When doing switching MID-SPAN and END-SPAN mode, please make sure unplug the power to avoid any damage.
3. Use RG59 cable, the link speed max up to 10 Mbps
3. The Ethernet cable between IP01P/IP08P unit and POE equipments must less 3 meters.
4. If the distance over 100M, please manual setting the link speed to 10Mbps.

Panel View:



IP01P



Package Include:

IP08P x 1 unit

Mounting bracket x 2

Screws bag x 1

Specifications:

Item NO.	IP08P
Link Connector	BNC x 8
Ethernet Connector	RJ45 x 8
Linking Cable	75Ω coax cable
Ethernet Speed	10/100 Mbps
Transmission Distance	300M(Max)
PoE Standard	IEEE 802.3af and IEEE802.3at
PoE Mode Setting	MID-SPAN · END- SPAN
LED Indication	Power (Green) x 1
Power Consumption	1.25W (Max.) each port
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimension mm	483x75.5x44mm
Weight g	1200

Item NO.	IP01P
Link Connector	BNC x 1
Ethernet Connector	RJ45 x 1
Linking Cable	75Ω coax cable
Ethernet Speed	10/100 Mbps
Transmission Distance	300M(Max)
PoE Standard	IEEE 802.3af and IEEE802.3at
PoE Mode Setting	MID-SPAN · END- SPAN
LED Indication	Power (Green) x 1
Power Consumption	1.25W (Max.)
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimension mm	67 x 87 x 27
Weight g	150

RoHS   

Rev.A