

# IP CABLING TRANSMISSION – 4 Port POE camera over Coax

ITEM NO.: IP02PHK 4 Port POE camera over Coax/CAT5e Extender



IP02PHK include 4 Port POE switch over coax as transmitter and one IP02D as receiver. It is an IP extender over coax or CAT5e solution with a four port POE switch. IP02PH could support up to 4 POE IP cameras, the PoE switch meet IEEE 802.3af standards with support up to 10/100 Mbps speed and powering network devices. With IP02PH 4 port POE Hub connect to IP02D as a receiver to extend 4 x IP video links. It come with RJ45 or BNC output which could use CAT5e cable up to 1.2KM either choose BNC coax cable up to 2KM.

With PoE installation of network devices such as IP surveillance cameras, wireless access points, IP phones, and other PoE enabled devices in hard-to-reach, outdoor, and remote areas is simplified.

### Features:

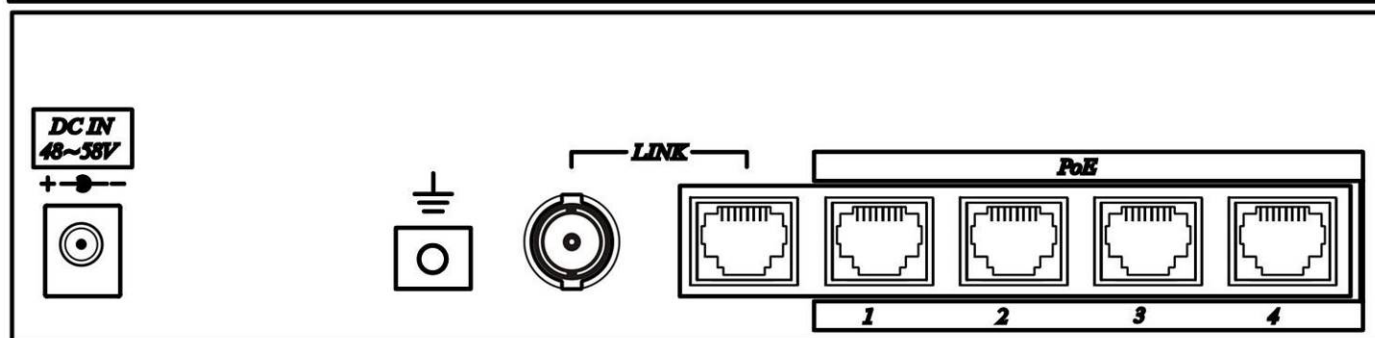
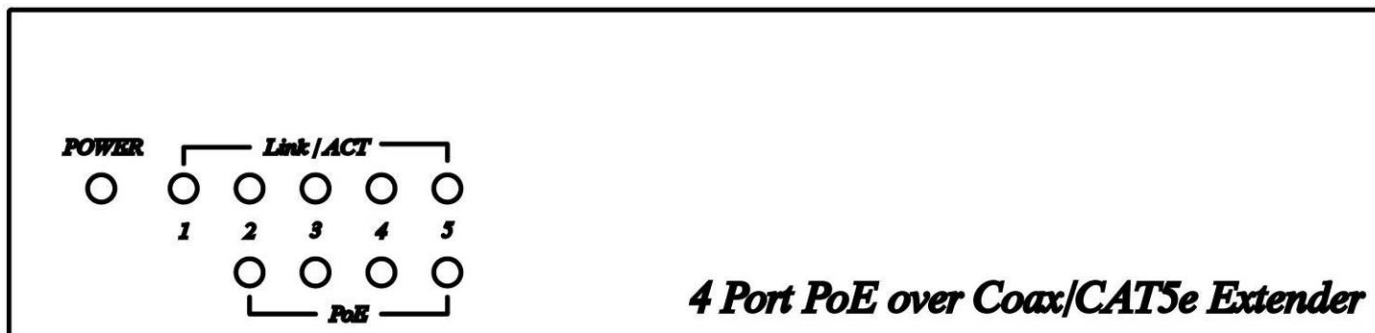
- Extender 4 channel IP/POE signal over coax or CAT5e cable.
- Package includes IP02PH as transmitter connects to 4 port POE camera and IP02D as receiver to connect with network switch or NVR.
- Transmission distance: 2KM over coax cable, 1.2KM over CAT5e/6.
- IP02PH 4-Port 10/100Mbps with embedded PoE Injector.
- IP02PH 1-Port BNC/RJ45 10/100Mbps to send and extend IP/POE camera signal or any TCP/IP devices.
- Auto-sensing for detecting PoE or non-PoE devices.
- Compatible IEEE 802.3af PoE standard.
- IP02PH support external power supply DC48V-DC58V.

### Installation View:

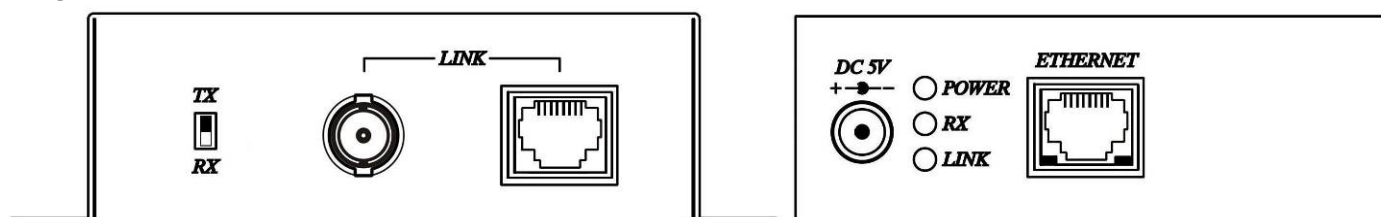


## Panel View:

### IP02PH



### IP02D



## IP02D Setting

RX ↓ = Receiver (PC/Network Switch side)

## LED Indication:

### IP02PH

Power (Green)	ON	Power on
	OFF	Power off
Link/ACT (Yellow)	ON	10/100 Mbps link
	OFF	10/100 Mbps unlink
	FLASH	Activity
PoE (Green)	ON	PSE sending power
	OFF	PSE non power

## IP02D

Power ED	ON	Power on
	OFF	Power off
RX LED	ON	Set to Receiver mode
	OFF	Set to Transmitter mode
Link LED	Slow Blink	Searching
	Fast Blink	Linking
	On	Linked
Ethernet LED	Yellow on	Linked
	Yellow off	Unlink

## Cable:

Link cable: high quality coaxes cable such as RG59/U, Ethernet: Standard CAT5e/CAT6 Cable.

## Data Rate reference:

### RG59/6U cable:

200M 70Mbps  
400M 65Mbps  
600M 60Mbps  
800M 50Mbps  
1000M 40Mbps  
1200M 30Mbps  
1400M 25Mbps  
1600M 20Mbps  
1800M 20Mbps  
2000M 20Mbps

### CAT5e/6 UTP cable:

300M 50Mbps  
600M 40Mbps  
900M 20Mbps  
1200M 20Mbps

## Caution:

1. In order to avoid interference or shorter working range. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.
2. The installation required to reserve cooling space to avoid overheat to cause the device shut down.
3. To reboot this product will take around 40 seconds to complete the link.

## Package Include:

IP02PH x 1 piece

IP02D x 1 piece

DC55.5 70W power adapter x 1 piece

DC5V 2Amp power adapter x 1 piece

## Specification:

ITEM NO.	IP02PH
Input/Output Connector	BNC x 1 (75Ω) / RJ45 x 5
LED Indicator	Power(Green) x 1, 10/100, Link/Act(Yellow) x5, PoE(Green) x4
PoE Port Power	IEEE 802.3af Standard (1-Port 15.4 Watts/350mA)
External Power Supply	DC 55.5V / 1.26Amp 70W
Power Consumption	5.5W
Temperature	Operation : 0 to 55°C, Storage : -20 to 85°C, Humidity : Up to 95%
Dimensions mm	167 x 110 x 40
Weight g	500

ITEM NO.	IP02D
Link Cable Connector	BNC x 1 (1 Vp-p · 75 Ohm)
Link Cable Distance	2000M (Max) over Coax or 1200M over CAT5e/6
Ethernet Connector	RJ45/BNC
Ethernet Cable Distance	100M (Max)
Ethernet Speed	10M / 100Mbps
Power Supply	DC 5V / 2A
Power Consumption	750mA (Max)
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions mm	109.6 x121.3 x 30
Weight g	260

RoHS   

Rev.A