

SC-IPH3002

2 In 1 PoE Extender

SC-IPH3002 transmits Ethernet data from two IP cameras over UTP cable. This item overcomes the short-distance typical network system by extending transmission distance up to 250m and its built-in PoE injector function supplies PoE (IEEE802.3af / IEEE802.3af) to the cameras. Also, it can be installed at the NVR side unlike other similar products in the market, so the maintenance is easier. For the features above, our solution is very cost-effective and time saving as you can replace your old analog UTP system to high-definition network-based system by keeping your UTP cable, plus add one more camera with the existing cable.



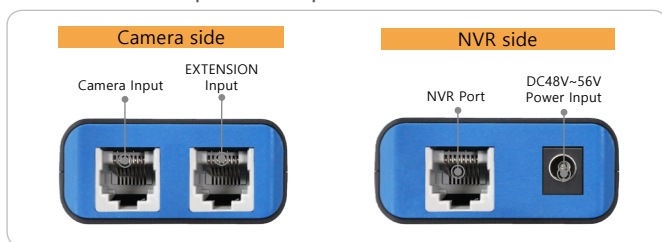
Features

- Extend transmission distance of Ethernet data (up to 100 ~ 250m)
- Max. transmission bandwidth : 10/100Mbps(Full Duplex)
- Enable supplying power(PoE) to each PoE camera (~30W per channel / based on 100Mbps mode)
- Built-in 10/100Mbps bandwidth switch(extension switch) for transmission bandwidth optimizat
- 100Mbps : Max. 100m (CAT.5e) / 10Mbps : Max. 250m (CAT.5e)
- Install an extra network camera to the existing 1ch system (Use as a 2port PoE Hub)
- Installed either in the middle of cable or at the NVR side
- Multiple connection available (Max. 2pcs recommended)
- Cost-effective solution by keeping existing UTP cable
- Compact size for easy installation (Wall mount holes)
- Auto MDI/MDIX
- Built-in surge protection circuit

Bandwidth Switch

100Mbps (OFF)	10Mbps (ON)
100m	250m

SC-IPH3002 Input / Output Port



Specifications

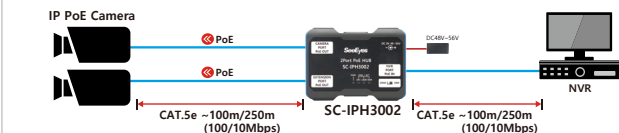
MODEL		SC-IPH3002
Power Input	DC	DC 48V or DC 56V Adapter
	PoE	PoE IEEE 802.3af / 802.3at, Endspan / Midspan (Mode A / Mode B)
PoE Output	EXT Port	Max 30W, Standard PoE , IEEE802.3 af/at Mode A
	CAM Port	Max 30W, Standard PoE , IEEE802.3 af/at Mode A
Power Consumption		Max. 1W (No-load Condition)
Max. Transmission Distance		In 100Mbps : Max. 100m(CAT.5e)
		In 10Mbps : Max. 250m(CAT.5e)
Connection Port	NVR Port	RJ-45 1Port (TIA/EIA568B Type)
	EXT Port	RJ-45 1Port (TIA/EIA568B Type)
	CAM Port	RJ-45 1Port (TIA/EIA568B Type)
RJ-45 Connector		1Pin : TX(+), PWR(+) / 2Pin : TX(-), PWR(+) / 3Pin : RX(+), PWR(-) / 6Pin : RX(-), PWR(-)
LED Indicator	PWR. LED	RED Flicker : Power Input, OFF: No Power Input
	EXT. LED	GREEN Flicker : Video Data Input, OFF: No Video Data Input
	CAM LED	GREEN Flicker : Video Data Input, OFF: No Video Data Input
	NVR LED	GREEN Flicker : Video Data Input, OFF: No Video Data Input
Bandwidth Switch		Adjust Transmission Speed (100Mbps, 10Mbps)
Transmission Bandwidth (Max.)		10/100Mbps (Full duplex)
Temperature / Humidity		-10°C ~ +50°C / 0 ~ 80%
Case Material / Weight		ABS / 52g
Dimensions(mm)		77(W) x 55(H) x 24(D)mm

[SC-IPH3002]



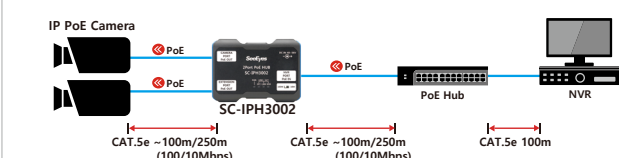
Connection Diagrams

Basic Connection with Receiving Power from DC 48V~56V Adapter

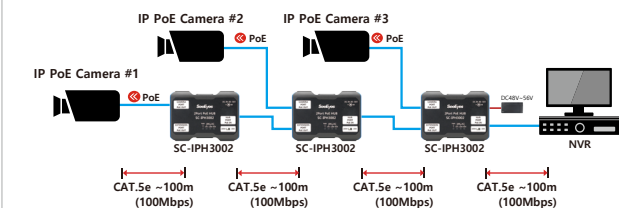


※ When setting Bandwidth Switch as 100Mbps : Transmit up to 100m (CAT.5e)
When setting Bandwidth Switch as 10Mbps : Transmit up to 250m (CAT.5e)

Basic Connection with Receiving power from PoE Switching HUB



Multiple Connection with 3pcs of SC-IPH3002 - 100Mbps/100m mode



PoE Camera Power Consumption (Max. Power Output)

Adapter	PoE Camera #1	PoE Camera #2	PoE Camera #3
DC48V, 1A	6W	9.5W	23.8W
DC56V, 1.16A	9.2W	13W	29W

※ If the bandwidth exceeds 10Mbps after setting the switch to 10Mbps, video traffic or latency may occur

Dimensions

