

# SC-IPC1204/08EH

Network(EoC) + Power(PoE&PoC)

4/8ch EoC(Ethernet over coax) transmission kits are composed of SC-IPT3001E (1-ch transmitter) and SC-IPR1204EH or SC-IPR1208EH(4/8-ch receiver). It takes advantage of the existing coaxial cable for sending power to the transmitter and the IP camera over single coaxial cable. Simultaneously, EoC is available, so it is possible to receive data from the IP camera and transmit it to NVR. Therefore, this solution will minimise construction period and installation costs.

## Features

- Transmit Power and network data over one coaxial cable
- Max. 1.8km over RG-6 (up to 20Mbps / data transmission only)
- Supply power to PoE IP Camera (Max.12W)
- Max. transmission bandwidth : 200Mbps(PHY Rate) / 75Mbps(TCP Rate)
- Auto diagnosis function for stable power supply
- PoE On/Off switch mounted on the transmitter for camera power supply
- 4/8CH Ethernet over Coax Receiver(SC-IPR1204EH, SC-IPR1208EH) with built-in switching HUB function
- Cost-effective solution by using existing coaxial cable line
- Lower installation cost and reduce construction period by eliminating the need to lay power lines with PoC function
- Built-in all channel Auto Pairing function for prevention of interference and safe transmission
  - All channel auto encryption (128bit AES)
- Built-in surge protection circuit

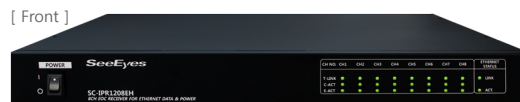
[ SC-IPT3001E ]



[ SC-IPR1204EH ]



[ SC-IPR1208EH ]



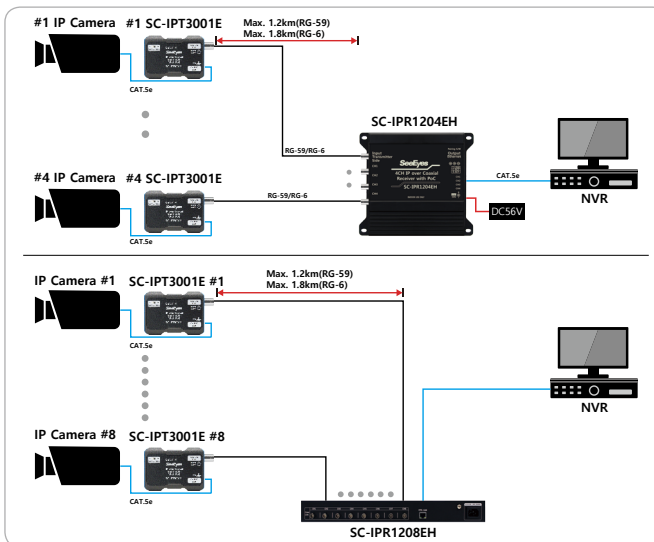
## Specifications

| MODEL                         | SC-IPT3001E             |                         |
|-------------------------------|-------------------------|-------------------------|
| Transmission Bandwidth (Max.) | PHY Rate 200Mbps        |                         |
| Power Consumption             | 2W(Max.)                |                         |
| Power Output                  | Midspan PoE             |                         |
| Max. Power Output             | 12W                     |                         |
| Transmission Distance(RG-6)   | 1.8Km @ Up to 20Mbps    |                         |
| Temperature / Humidity        | -10°C ~ +50°C / 0 ~ 80% |                         |
| Connection Port               | RJ-45 X 1 / BNC-F X 1   |                         |
| Case Material / Weight        | ABS / 60g               |                         |
| Dimensions (mm)               | 90(W) x 55(H) x 24(D)   |                         |
| MODEL                         | SC-IPR1204EH            | SC-IPR1208EH            |
| Transmission Bandwidth (Max)  | PHY Rate 200Mbps        |                         |
| Power Consumption             | 120mA                   | 30W(Max.)               |
| Power Output                  | DC56V                   | AC90 to 240V            |
| Max. Power Output             | 12W @ Channel           |                         |
| Transmission Distance(RG-6)   | 1.8Km @ Up to 20Mbps    |                         |
| Temperature / Humidity        | -10°C ~ +50°C / 0 ~ 80% |                         |
| Connection Port               | RJ-45 X 1 / BNC-F X 4   | RJ-45 X 1 / BNC-F X 8   |
| Case Material / Weight        | Steel / 516g            | Steel / 4kg             |
| Dimensions (mm)               | 162(W) x 43(H) x 140(D) | 430(W) x 44(H) x 350(D) |

## Components

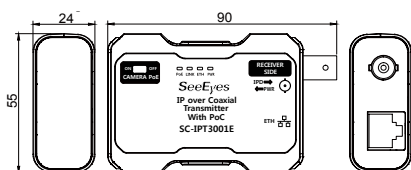
| SET No.      | Product Components                  |
|--------------|-------------------------------------|
| SC-IPC1204EH | SC-IPT3001E X 4EA / IPR1204EH X 1EA |
| SC-IPC1208EH | SC-IPT3001E X 8EA / IPR1208EH X 1EA |

## Application Diagram

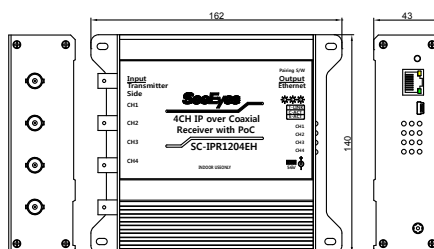


## Dimensions

[ SC-IPT3001E ]



[ SC-IPR1204EH ]



[ SC-IPR1208EH ]

