SC-IPC1204/08EH

Network + Power(PoE)

4/8CH EoC(Ethernet over Coax.) transmission unit is composed of SC-IPT3001E (1CH transmitter) and SC-IPR1204EH, SC-IPR1208EH(4/8CH receiver). It is able to use existing coaxial cable to send power to transmitter and IP camera over single coaxial cable.
At the same time, it is able to receive data from IP camera and transmit them to NVR.
So this solution makes construction period shorter and installation cost lower.

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]

NEW

[SC-IPR1204EH]

NEW

[SC-IPR1208EH]

[Front]

[Rear]

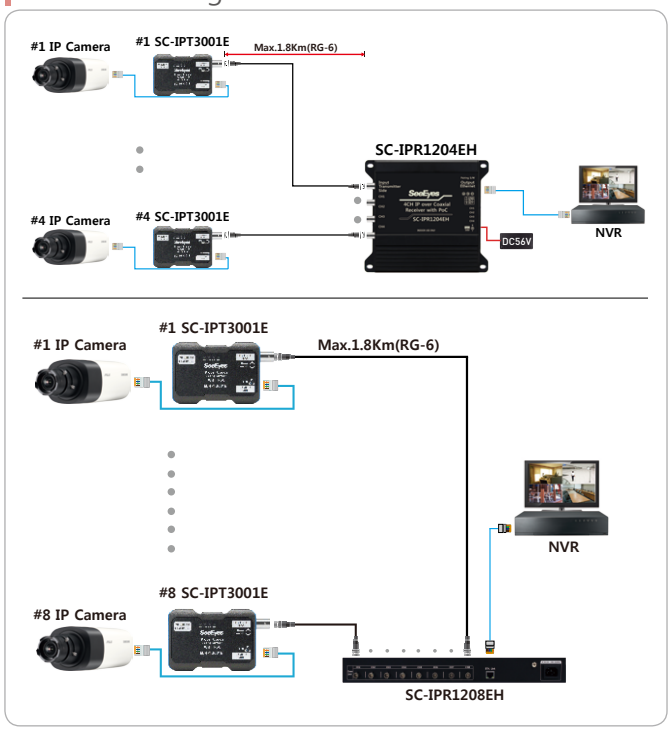
Components

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

Specifications

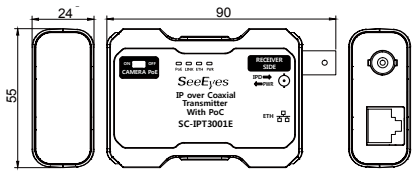
MODEL	SC-IPT3001E	
Transmission Bandwidth (MAX)	PHY Rate 200Mbps	
Power Consumption	2W(MAX.)	
Power Output	Midspan PoE	
Max. Power Output	12W	
Transmission Distance(RG-6)	1.8Km @ Up to 20Mbps	
Temperature / Humidity	-10℃ ~ +50℃ / 0 ~ 80%	
Connection Port	RJ-45 X 1 / BNC-F X 1	
Case Material / Weight	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 Input	DC56V	AC90 to 240V
Max. Power Output	12W @ Channel	
Transmission Distance(RG-6)	1.8Km @ Up to 20Mbps	
Temperature / Humidity	-10℃ ~ +50℃ / 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)

Connection Diagram

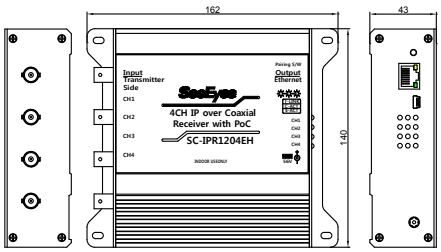
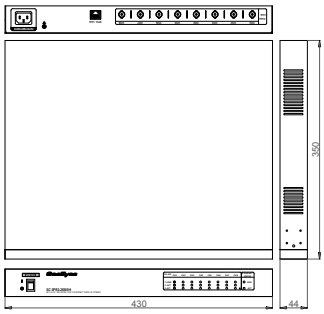


Dimensions

[SC-IPT3001E]



[SC-IPR1204EH]



[SC-IPR1208EH]