

SC-IPC07P

'Ethernet + Power'
over One COAX

SC-IPC07P, which consists of SC-IPT07P (1ch Transmitter) and SC-IPR07P (1ch Receiver), transmits Ethernet data and power over only one coaxial cable. You can install the EOC network system without having to replace the existing coaxial cables, which doesn't require separate power lines. Our solution is highly cost-effective by minimizing construction period and cost unlike the conventional network systems requiring UTP cables only.

IP TRANSMISSION

Features

- Transmitting 'Ethernet data + Power(PoC)' over one coaxial cable
- Enabling the power supply (PoE) for a PoE camera(~30W)
- Long-distance Ethernet data transmission
 - RG-59: 400m/800m(100Mbps/10Mbps, Full Duplex)
 - RG-6: 500m/1000m(100Mbps/10Mbps, Full Duplex)
- Built-in 10/100Mbps bandwidth switch(extension switch) for transmission bandwidth optimization by distance
- PoE ON/OFF switch mounted on the transmitter (SC-IPT07P)
- Cost-effective solution by keeping existing coaxial cable
- Reducing the construction cost and period with no need of any separate power lines
- Auto diagnosis function for stable power supply
- Supporting MULTICAST
- Compact size for easy installation (Wall mount brackets provided)
- Built-in surge protection circuit

Specifications

MODEL	SC-IPT07P (1CH Transmitter)
Max. Digital Transmission Bandwidth	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
Max. Self-Power Consumption	2W
Power Input	PoC (Power over Coax) from SC-IPR07P
Power Output	Midspan PoE
Max. Power(PoE) Supply	30W
Max. Transmission Distance (Full Duplex)	RG-59: 400m(100Mbps), 800m(10Mbps) RG-6: 500m(100Mbps), 1000m(10Mbps)
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%
Connection Port	RJ-45 X 1 / BNC-F X 1
Case Body / Weight	ABS / 60g
Dimensions (mm)	90(W) x 55(H) x 24(D)
MODEL	SC-IPR07P (1CH Receiver)
Max. Digital Transmission Bandwidth	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
Max. Self-Power Consumption	2W
Power Input	DC 48V~56V Adapter or PoE
Max. Power(PoE) Supply	30W
Max. Transmission Distance (Full Duplex)	RG-59: 400m(100Mbps), 800m(10Mbps) RG-6: 500m(100Mbps), 1000m(10Mbps)
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%
Connection Port	RJ-45 X 1 / BNC-F X 1
Case Body / Weight	ABS / 62g
Dimensions (mm)	90(W) x 55(H) x 24(D)

NEW

[SC-IPT07P]



[SC-IPR07P]



NEW

[SC-IPT07PW - Waterproof type]



[Wall mount brackets for Tx./Rx.]



[DC 48V or 56V Adapter]

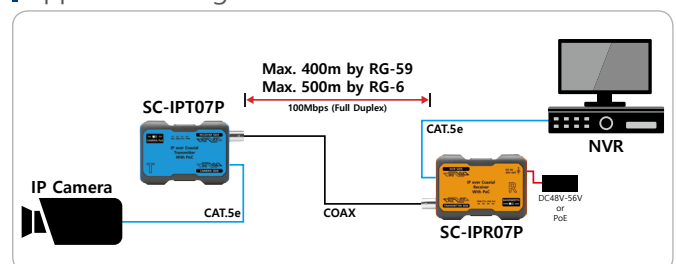


Max. Transmission Distance by Cable Types

Bandwidth	RG-6	RG-59	RG-58
100Mbps	500m	400m	300m
10Mbps	1000m	800m	800m

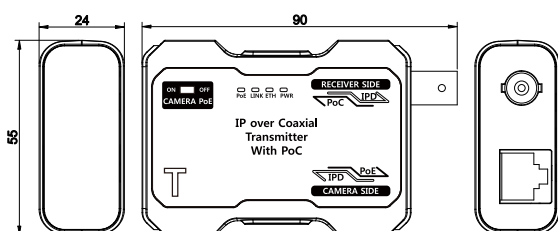
※ Bandwidth can be set by the bandwidth switch on the receiver (SC-IPR07P).

Application Diagram



Dimensions

[SC-IPT07P]



[SC-IPR07P]

