

# SC-IPC07PU

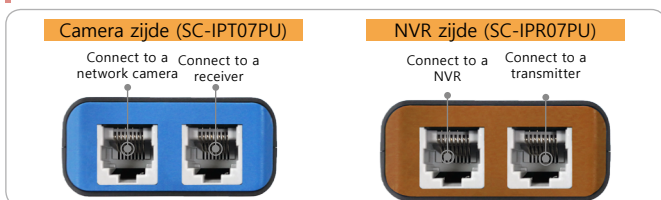
'Ethernet + PoE' over UTP

SC-IPC07PU, which consists of SC-IPT07PU(1CH Transmitter) and SC-IPR07PU(1CH Receiver), transmits Ethernet data and power over one UTP cable. Its built-in power supply function (IEEE802.3at) operates a transmitter(SC-IPT07PU) and a PoE camera from the receiver(SC-IPR07PU) side without separate power lines and it resolves short-distance typical network system by transmitting Ethernet data in a long distance. Our solution is very cost-effective by minimizing construction period and cost as you can replace your old UTP system to network by keeping your UTP cable.

## Eigenschappen:

- Transmit 'Ethernet data + Power(PoE)' over one UTP cable
- Enable supplying power(PoE) to a PoE camera (~30W)
- Ethernet data transmission up to 800m over Cat.5e (based on 10Mbps)
- Built-in 10/100Mbps bandwidth switch(extension switch) for transmission bandwidth optimization by distance
  - 100Mbps : Max. 500m (Cat.5e) / 10Mbps : Max. 800m (Cat.5e)
- PoE ON/OFF switch mounted on the transmitter (SC-IPT07PU)
- Cost-effective solution by keeping existing UTP cable
- Reduce the construction cost and period with no need of any separate power lines
- Auto diagnosis function for stable power supply
- Support MULTICAST
- Compact size for easy installation (Wall mount brackets provided)
- Built-in surge protection circuit

## Interface of SC-IPC07PU



[ SC-IPT07PU ]



[ SC-IPR07PU ]



[ Wall mount brackets for Tx./Rx. ]



[ Adapter ]



## Specificaties:

MODEL	SC-IPT07PU (1CH zender)
Max. Digital Transmission Bandwidth	TCP Rate: 100Mbps (Bandwidth Switch: 100Mbps Mode)
Max. Self-Power Consumption	2W
Power Input	PoC (Power over Coax) from SC-IPR07PU
Power Output	Midspan PoE
Max. Power(PoE) Supply	30W
Max. Transmission Distance	Cat.5e : 500m(100Mbps), 800m(10Mbps)
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%
Connection Port	RJ-45 X 1 / BNC-F X 1
Case Body / Weight	ABS / 52g
Dimensions (mm)	76(W) x 55(H) x 24(D)
MODEL	SC-IPR07PU (1CH ontvanger)
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	Cat.5e: 500m(100Mbps), 800m(10Mbps)
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%
Connection Port	RJ-45 X 1 / BNC-F X 1
Case Body / Weight	ABS / 54g
Dimensions (mm)	76(W) x 55(H) x 24(D)

## Max. transmission afstand:

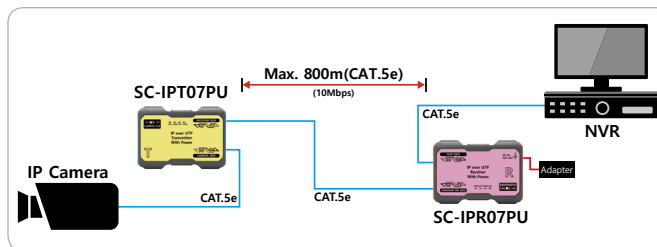
100Mbps (OFF)	10Mbps (ON)
500m	800m

※ Bandwidth can be set by the bandwidth switch on the receiver (SC-IPR07PU).

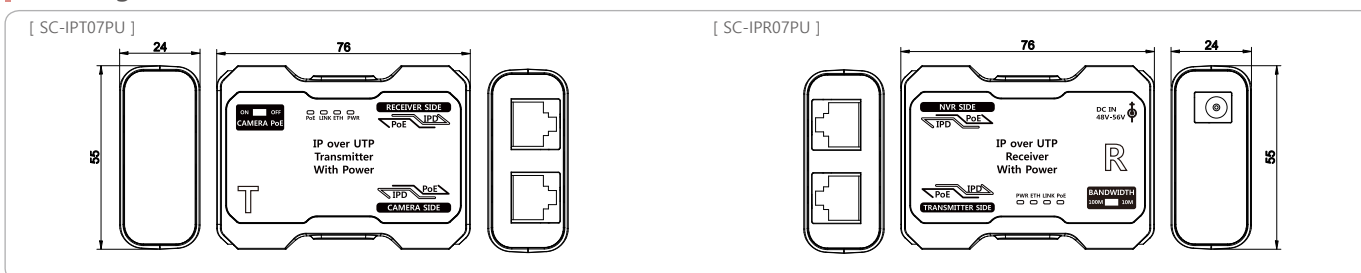
## Max. power(PoE) per afstand:

Transmission Distance (CAT.5e)	Transmission Bandwidth	PoE Supply with DC48V Adapter	PoE Supply with DC56V Adapter	Cable Loop Resistance(Ω)
100m	100Mbps	30W	30W	18.2
200m	100Mbps	17.2W	30W	36.2
300m	100Mbps	11.4W	22W	54.7
400m	100Mbps	8.6W	16.6W	72.9
500m	100Mbps	6.86W	13.3W	90.8
600m	10Mbps	5.8W	11.2W	111.1
700m	10Mbps	4.9W	9.6W	128.7
800m	10Mbps	4.2W	8.3W	147.4

## Aansluitschema:



## Afmetingen:



Wijzigingen voorbehouden!