

# SC-IPU601

IP-Utp-60w-1channel  
Long Reach  
High PoE IP over UTP

SC-IPU601 is an IP High Power 1-channel PoE transmission device, and consists of SC-IPU601T (transmitter) and SC-IPU601R (receiver). This is a product developed as a high power support type product of SC-IPC07PU among the company's IP UTP transmission device series. Transmitter's (SC-IPU601T) PoE output is supported up to 70W. High-performance / high-capacity IP cameras can be operated with PoE technology.

## Features

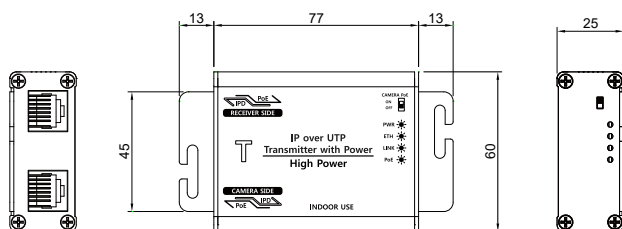
- Supports Standard IEEE 802.3af/at/bt (PoE++ Type 3, Max. 70W)
- Transmission Bandwidth : up to 100Mbps
- Transmits power + network data with CAT.5e UTP cable
  - 100Mbps: Up to 500m (1600ft)
  - 10Mbps: Up to 800m (2600ft)
- Supports Auto MDI/MDIX function
- Safe power transmission with automatic line diagnosis function
- Camera-side transmitter PoE function ON/OFF setting possible
- Built-in surge protection circuit

## Specifications

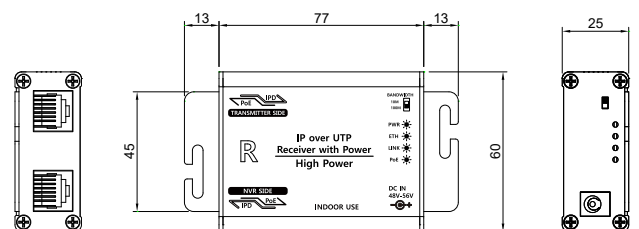
MODEL		SC-IPU601T
Power Input		PoE(Power over Ethernet) from SC-IPU601R
Power Output		Midspan PoE Support (Type B Only, PoE SW ON/OFF Possible)
Maximum power supply		70W
Bandwidth		10/100Mbps
Transmission Distance(CAT.5e)		500m(100Mbps), 800m(10Mbps)
Connection Port	Receiver Side	RJ-45 (TIA/EIA568B Type)
	Camera Side	RJ-45 (TIA/EIA568B Type)
CAMERA PoE Switch		Slide Switch : PoE ON/OFF Selection Switch
Temperature / Humidity		-10°C ~ +50°C / 0 ~ 80%
Case Body / Weight		Aluminum / 110g
Dimensions(mm)		103(W) x 60(D) x 25(H)
MODEL		SC-IPU601R
Power Input		DC Adapter(DC56V) or PoE HUB[Standard IEEE 802.3af/at/bt (Type 3)]
Power Output		PoE
Maximum power supply		70W
Bandwidth		10/100Mbps
Transmission Distance(CAT.5e)		500m(100Mbps), 800m(10Mbps)
Connection Port	Transmitter Side	RJ-45 (TIA/EIA568B Type)
	NVR SIDE	RJ-45 (TIA/EIA568B Type)
	DC 48V-56V IN	DC-JACK
Bandwidth Switch		Slide Switch : 10/100Mbps Selection Switch
Temperature / Humidity		-10°C ~ +50°C / 0 ~ 80%
Case Body / Weight		Aluminum / 108g
Dimensions(mm)		103(W) x 60(D) x 25(H)

## Dimensions

[ SC-IPU601T ]



[ SC-IPU601R ]



NEW

[ SC-IPU601T ]



NEW

[ SC-IPU601R ]



[ DC56V Adapter ]



IP TRANSMISSION

## Suppliable Power (CAT.5e)

Bandwidth	Transmission Distance	DC 56V 2A	PoE (802.3bt, DC 54V)	DC 48V 1A
100Mbps	50m	70W	52W	41W
	100m	65W	49W	38W
	200m	55W	42W	31W
	300m	41W	34W	22.5W
	400m	31W	25.5W	17.5W
10Mbps	500m	24.5W	20.5W	14W
	800m	15.5W	13W	8.5W

※ Power specifications may vary depending on the installation environment (cable, etc.)

## Bandwidth Switch (CAT.5e)

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

※ BandWidth can be set in SC-IPU601R receiver

## Application diagram

