EUP-01T/R
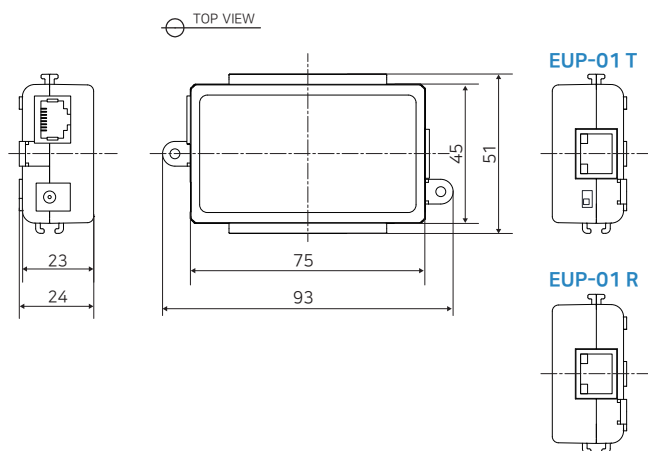
Single port Ethernet over UTP Transmitter / Receiver (With multicast support)

▌ Overview

EUP-01 Series are High-Speed, long distance Ethernet & PoE extender that makes possible to transmit the Ethernet signal and PoE up to 400m through UTP cable. It is cost-effective and time saving solution to migrate existing system to IP based system since EUP-01 series support easy installation utilizing the existing UTP cables. With long distance transmission feature, the device makes to overcome 100 meters distance limitation easily and reduces the construction cost significantly compared with fiber optic configuration.
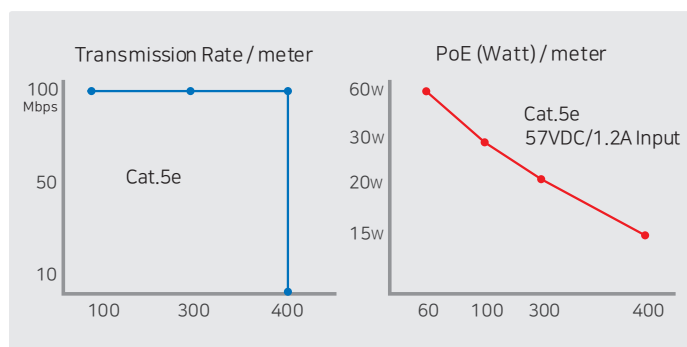
▌ Dimension

TOP VIEW

EUP-01 T

EUP-01 R

▌ Features

- Long reach Ethernet & PoE extention over UTP cable
- Data + Power over UTP cable
- Data & PoE distance up to 400m
- Data up to 100Mbps
- 100Mbps Full Duplex
- Multicast ready
- PoE, PoE+, Extra PoE (Max. 60W PoE output, EUP-01T model only with DC Power adaptater
- PoE ON/OFF Switch (EUP-01T only)
- LED Indication (Data, Power)
- Plug & Play
- Built-in surge protection
- Support PoE, PoE+ Input (25.5W) from PoE Switch / PoE NVR
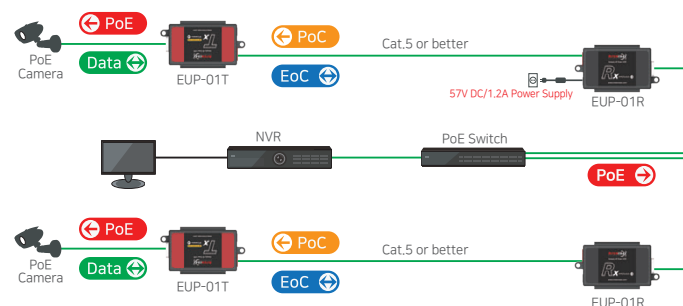- Slim design

▌ Specification

Model		EUP-01T	EUP-01R
Interface	EoC Signal	1 x RJ45 - Ethernet over UTP (T-LinX)	
	Ethernet	1 x RJ45 - 10/100 Base-T with manual	
Transmission Rate		10/100Mbps Full Duplex	
Transmission Distance	Ethernet	up to 400 m (Cat5e UTP Cable)	
	PoE (PoC)	up to 400 m (Cat.5e / 20W)	
LED Indication	Ethernet	1 x Link (Yellow) / 1 x ACT (Green)	
Power	Input	B-Link or DC48V~57V	PoE Switch or DC48V~57V
	PoE Output	IEEE802.3af (PoE), IEEE802.3at (PoE+), Extra PoE up to 60W with 57V Power Adaptor	PoE Not Supported PoC Only
	PoE Input	Up to 25.5W (PD)	Up to 25.5W (PD)
Mechanical	Dimension	93(L) x 51(W) x 24(H)mm	
	Weight	52 g	
Environment	Operating Temp	-20 ~ 60°C	
	Storage Temp	-30 ~ 80°C	
	Relative Humidity	10% ~ 90%	
Compliance	Certification	FCC, CE, KC, RoHS	
	Surge Protection	IEC 61000-4-5 4kV(1.2 / 50us), 2kA(8 / 20us)	
Optional Accessories		57VDC / 1.2A External Power Supply	

▌ Performance chart

Transmission Rate / meter

PoE (Watt) / meter

Cat.5e

Cat.5e 57VDC/1.2A Input

▌ Connection Diagram

- ▶ Transmission distance may vary depending on the type and quality of cable, use of power and environmental condition.
- ▶ Distance is based on Cat.5e cable and 7 Watt IP Camera.