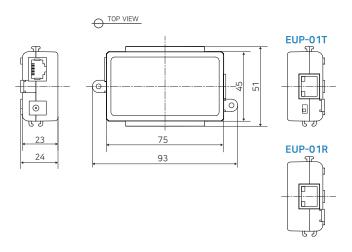


## Overview

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



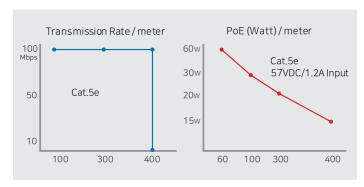
#### Features

- 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

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

### ■ Performance chart



### **■** 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.