

# HDBaseT/Ethernet Easy PoE Transmission Kit

ITEM NO: EP01HK (EP01H EP01HI DC24V/1.25A Power Adaptor)



The EP01H Easy POE (Power Over Ethernet) kit, include EP01H/EP01HI and a DC24V power adaptor, which designed to send external power over existing network cable to remote device. EP01HI built in isolation power to enhance power transmission reliability and safety.

It is a easy solution to provide power on HDBaseT CAT5x Extender or Ethernet device which do not support POE. The application such as all HDBaseT Extender or IP cameras, access points, routers, modems, switchers, embedded computers or other network devices.

## Features:

- EP01H and EP01HI design as easy PoE transmission kit.
- Perfect solution to send power for non-POE HDBaseT or Ethernet devices.
- To provide HDBaseT or Ethernet devices to send power over existing CAT5e/6 cable.
- Power source could be send either from EP01HI or EP01H (TX or RX) side.
- EP01HI built in isolation power to enhance power transmission reliability and safety.
- Kit package include: EP01H, EP01HI, one DC24V power adaptor.

## Installation view:

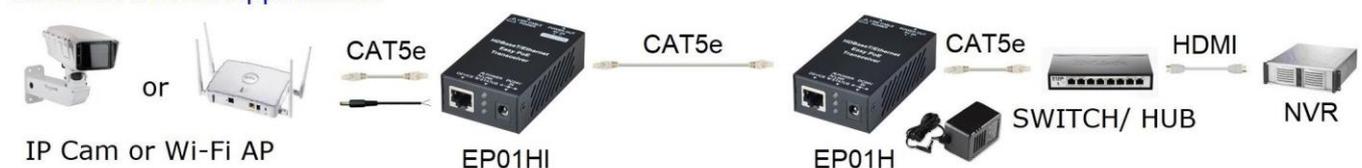
HDBaseT Device from TX send power :



HDBaseT Device from Rx send power :



Ethernet Device Application:

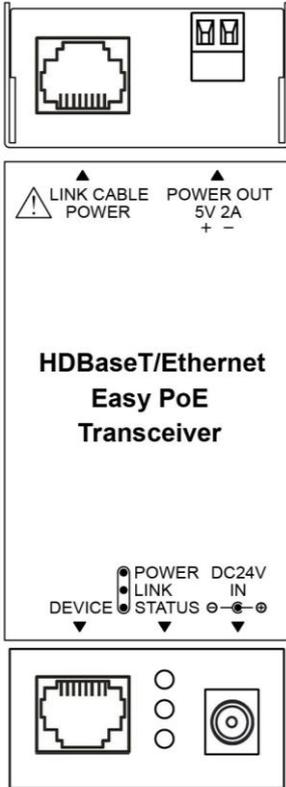


## Cable:

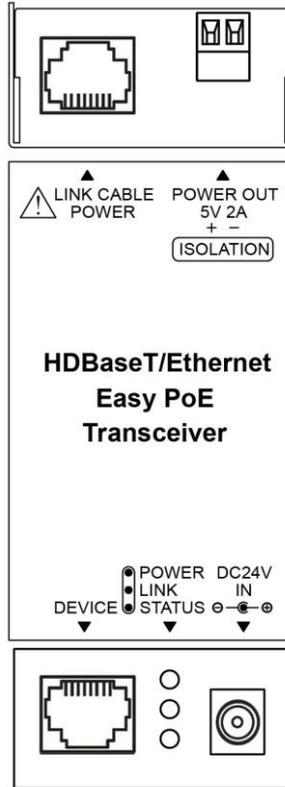
1. Link cable recommend use high quality CAT5e/CAT6/CAT6a Ethernet cable and RJ45 connector, HDMI cable. Poor quality cable or network connection or improper construction will cause unstable connection.
2. DC5V power cord recommend use thicker and good quality cable.

**Panel View:**

**EP01H**



**EP01HI**



**LED Indication:**

Green	Power	Power on/off
Blue	Link	Ethernet Power input
Red	Status	Abnormal 5V power supply

**RJ-45 Connection :**

1. EP01HI  
DEVICE use CAT5e/6 to connect HDBaseT and Ethernet device  
LINK CABLE use CAT5e/6 to connect EP01HI device
2. EP01H  
DEVICE use CAT5e/6 to connect HDBaseT and Ethernet device  
LINK CABLE use CAT5e/6 to connect EP01H device

※ Please make sure to follow above correct RJ45 connection to avoid product damaged.

**DC JACK Indication:**

DC JACK to use external DC24V power adapter

**TERMINAL Indication :**

1. EP01HI  
Green Terminal isolation power output D5V / 2A to provide maximum 10W power
2. EP01H  
Green Terminal power DC5V / 2A to provide maximum 10W power

※ Please make sure to do correct polarity power connection to avoid product damaged.

**EP01HK Package Include:**

EP01H	x 1
EP01HI	x 1
DC 24V /1.25A Adapter	x 1
Screw Pack	x 2
User Manual	x 1

**Caution:**

1. EP01HI, EP01H max. output is 10W, but it may cause less distance transmission if using bad quality power cord.
2. EP01HI,EP01H use terminal block, must make sure correct polarity on power connection to avoid device damaged.
3. The wiring must away from any equipment with electromagnetic wave, i.e.: mobile phone, microwave, radio equipment, fluorescent lamp, high voltage power lines.
4. If connection through the wall socket, the cable length connection to the devices must less 3 meters.
5. EP01HI,EP01H could connect Ethernet and HDBaseT device, the working distance may less 5-10M based on different device or cable quality.

**Specification:**

ITEM NO	EP01H	EP01HI
Link Interface	RJ-45	
Power Input	DC JACK , DC 24V 1.25A	
Power Output	Terminal Block , DC 5V 2A ( Max )	Terminal Block , DC 5V 2A ( Max ) Isolation
Support Device	HDBaseT ,10M / 100M / 1000 Mbps	
LED	Power, Ethernet, Status	
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%	
Dimension mm	49.2 × 93 × 25	49.2 × 93 × 25
Weight g	140	140



Rev.A 171226