IP/ PoE Injector Series

User Manual

Model : **EP01**

Easy Passive POE Extender



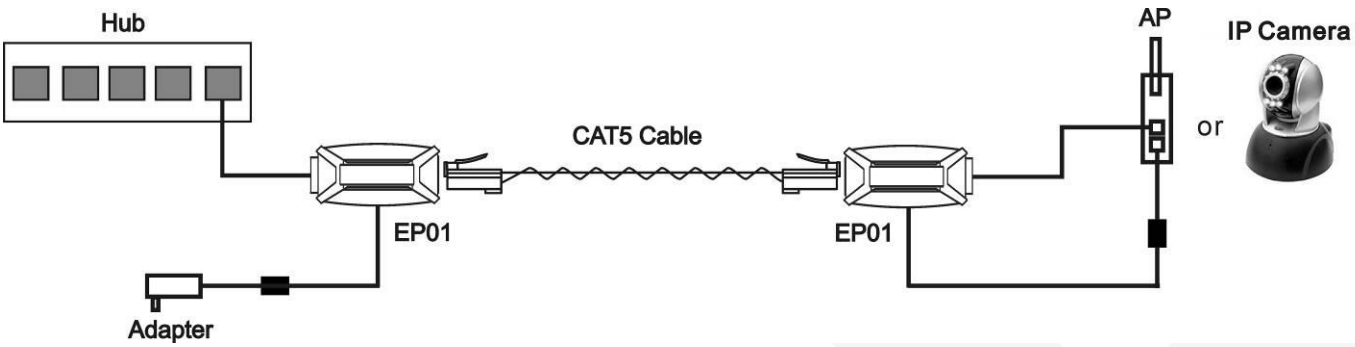
Introduction

The EP01 is a PoE (Power over Ethernet) injector that uses unused pairs of 100baseT Ethernet cable to send power to a remote device. which provides power for a non-PoE network device at a low cost, such as IP cameras, access points, routers, modems, switchers, embedded computers...etc. The transmission distance depends on power supply, cable type and the connected device.

Features

- Sends power for a remote Ethernet device
- Power extension around 30~40M.

Installation view



Note: The power voltage must go through a regulator (ref. page 2 optional model) if the output voltage is higher than the equipment voltage.

Pin	Color	RJ45 PLUG	RJ45 JACK	Color	Pin
1	W-O	Data Pair 1	Data Pair 1	W-O	1
2	O	Data Pair 1	Data Pair 1	O	2
3	W-G	Data Pair 2	Data Pair 2	W-G	3
4	BL	N.C.	Power +	BL	4
5	W-BL	N.C.	Power +	W-BL	5
6	G	Data Pair 2	Data Pair 2	G	6
7	W-BR	N.C.	POWER GND	W-BR	7
8	BR	N.C.	POWER GND	BR	8

Specification

ITEM NO.	EP01
Support	
Network Bandwidth	10/ 100Mbps
Transmission Distance	30 to 40M, depending on the power supply
Ports & Interfaces	
Signal Input	1 x RJ45
Signal Output	1 x RJ45
Power Input	1 x H Type Terminal Block
Power	
Power Supply	DC 12V 1A
Power Consumption	380mA
Ambient Temperature	
Operation	0 to 55℃
Storage	-20 to 80℃
Humidity	Up to 95%
Physical Characteristics	
Dimensions	53.3 x 25 x 20.7mm
Weight	30g