

EASY POE TRANSMISSION – Passive

ITEM NO: EP01

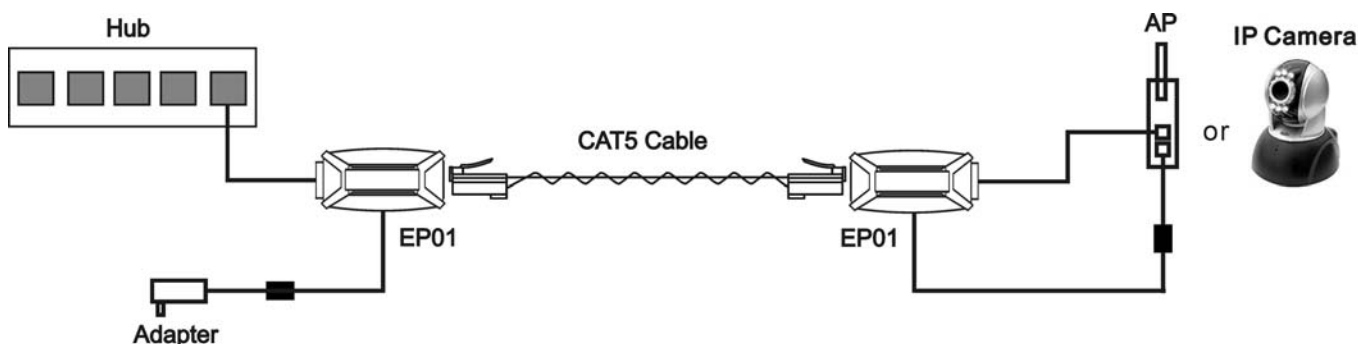
The EP01 Easy Passive POE (Power Over Ethernet), uses unused pairs of 100baseT network cable to transmit power to remote. It is a low costs and easy solution of providing power for network products which do not support Power Over Ethernet. Such as IP cameras, access points, routers, modems, switchers, embedded computers or other network devices.

Over a short distance, its usually possible to use the power adapter of the powered device such as wireless AP, IP camera, etc. The working distance normally around 30 – 40 meters. The real distance depends on the power supply, cable type and powered device.

EP01 Easy POE – Passive

- Send power to remote over unused pairs of 100baseT network cable.
- Including 2 units/one pair, do not include power adapter.
- Working distance depends on the power supply, cable type, and powered device.

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 | RJ-PLUG | RJ-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 |
|---------------------------|---------------------|
| Ethernet Connector | RJ45 |
| Ethernet Data Rate | 10/100Mbps |
| Storage Temperature | - 20 to 80 degree C |
| Operation Temperature | 0 to 55 degree C |
| Humidity (non-condensing) | 0 ~ 95% |
| DIMENSIONS W x H x D mm | 69x25x22 |
| Weight (g) | 30 |

Option For EP01:

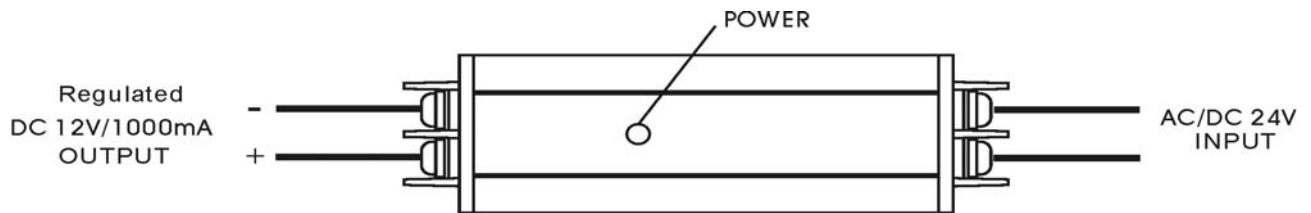
PC1A-5V AC/DC 5V Power Converter 1000mA Max



- AC/DC to DC5V power converter.
- Input power: AC20 – AC28V; DC12-30V.
- Output Power: DC5V regulated.
- Application for sending computer accessories 5V power from power sources AC24V or DC12V.

PC1A AC/DC to DC12V Power Converter 1000mA Max

- AC/DC to DC12V power converter
- Input power: AC20 – AC28V; DC12-30V.
- Output Power: DC12V regulated.
- For DC type camera or video power sources convert using AC24V for professional CCTV Industry Installation.



Specification:

| ITEMS | PC1A | PC1A-5V |
|----------------|--------------------|----------------|
| INPUT POWER | AC20~28V; DC16~30V | |
| OUTPUT POWER | DC12V Regulated | DC5V Regulated |
| OUTPUT CURRENT | 1000mA (MAX) | |
| MATERIAL | Metal | |
| DIMENSIONS | mm | 85X25X25 |

