

ETHERNET POWER OVER UTP MASTER / SLAVE TRANSCEIVER

MODEL: EA-EOU101PK

DESCRIPTION

EA-EOU101P is designed to extend IP Ethernet transmission and forward the power over an existing UTP cable to PoE IP camera.

EA-EOU101P transmission distance up to 600 m, these transceivers are extremely simple to use.

Status LEDs indicate power and link connectivity/activity for RJ45 ports.

FEATURE

- For Ethernet over UTP Extender is designed to extend IP transmission
- Inject power over an existing UTP cable to PoE IP camera
- Transmission 10/100 Mbps Full Duplex Ethernet up to 600 meter or more Cat. 5e LAN Cable Full-duplex digital communication
- No PC required, plug and play

SPECIFICATIONS

MODEL	EA-EOU101P
Extender Interface	
Connector Type	1 x BNC
Cable Type	The Straight through cable CAT-5e / CAT-6
Max. Transmission Distance	600 m for the Cat-5e cable
Ethernet Interface	
Connector Type	1 x RJ45 with LEDs on Connector
Cable Type	Straight through or cross-over
Rate	10/100 Mbps for full duplexer
Output Voltage	IEEE 802.3af/at PSE@RJ45 Port
Indicators	
Color LED	UTP Data Signal Strength Green: GOOD (Link speed > 60 Mbps) Amber: MEDIUM (Link speed 20 ~ 60 Mbps) Red: BAD (Link speed < 20 Mbps) OFF: NO LINK
Yellow LED (On RJ45)	Power On
Green LED (On RJ45)	Act./Link
Power	
Input Operating Voltage	DC 56V / 1A
Power Consumption	1.5 W
Mechanical & Environmental	
Weight	175 g
Dimensions (W x L x H)	38 x 120 x 33 mm
Operation Temperature	-20°C ~ +60°C
Storage Temperature	-30°C ~ +80°C
Humidity	20% to 85% RH (non-condensing)

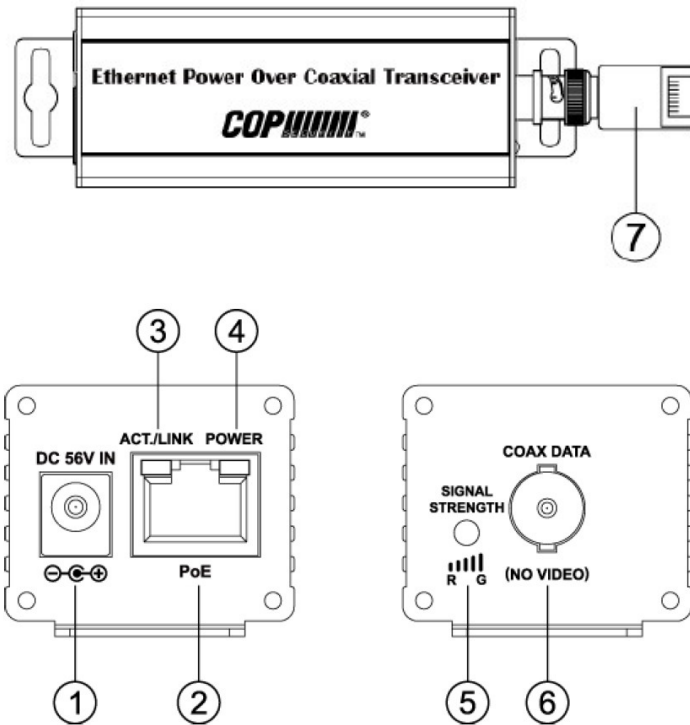
TRANSMISSION DISTANCE WITH POWER DELIVERED

Power Delivered	Not using PoE output	16W	18W	19.5W	20W	22W
	Maximum Cat. 5 (4-Pair) UTP Cable. Data Link Distance					
Power Source						
DC 56V Power Supplied	600 m	600 m	500 m	400 m	300 m	200 m

PACKING

1. Transceiver EA-EOC101P x 2
2. BNC Adaptor 15-BJ101 x 2
3. Power Adaptor DC 56V/1A x 1
4. Wall Mount Kit x 2

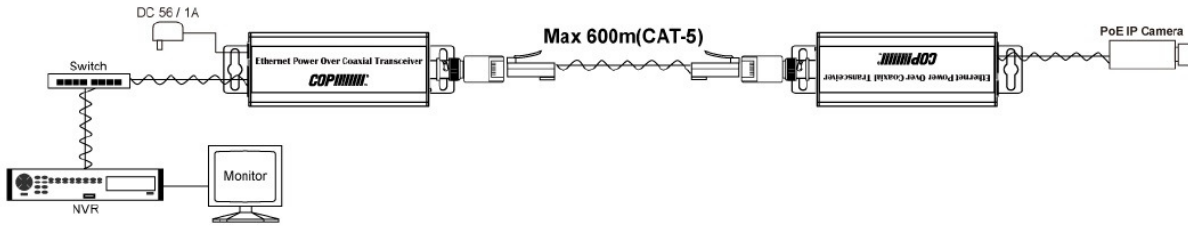
PANEL DESCRIPTIONS



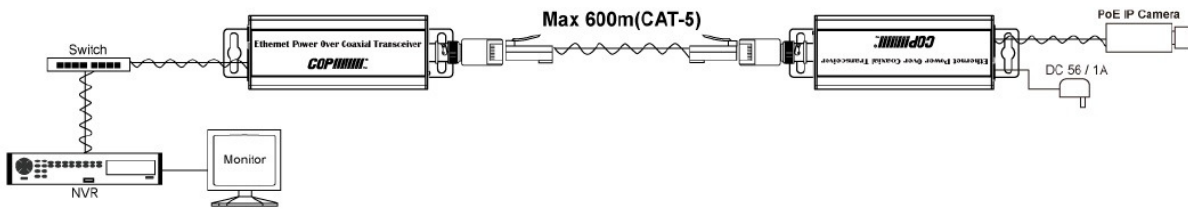
1. DC56V IN: Power supply DC 56V/1A
2. PoE: Ethernet Interface (10/100MBPS for full duplexer), that can use PoE or no PoE state
3. ACT/LINK: Data Link for indication LED
4. POWER: Power On for indication LED
5. SIGNAL STRENGTH: G (Green) : GOOD
A (Amber) : MEDIUM
R (Red) : BAD
OFF : NO LINK
6. COAX DATA: Plus BNC Adapter can UTP Transmission
7. BNC Adapter (15-BJ101): BNC Terminal Transform UTP Transmission

CONNECTION DIAGRAM

◆Application Diagram 1:



◆Application Diagram 2:



◆Application Diagram 3:

