

Long Range PoE Extender over 2-wire

The POE-IPC-600T2-Kit comprise of the PoE transmitter and receiver units and provide a cost effective solution for migration of analogue to IP camera transmission, without the need for re-cabling to Category 5 or 6 cabling. By adopting innovative technology, the range of these units extends 802.3af/at compliant Power and Ethernet transmission up to 400 metres over 2-wire cable and provides this as an RJ45 PoE interface for the PD.

Features

- Long Range PoE Extender over 2-wire up to 400m*
- One to One Application
- 2 Wire/CAT5e Application
- 10/100 Mbps full duplex data speeds
- High Reliability
- Wide Operating Temperature range
- PoE (Power-over-Ethernet) to IEEE 802.3af/at Standard
- High Density 19" Rack mount compatible options



Transmitter
(Network Side)



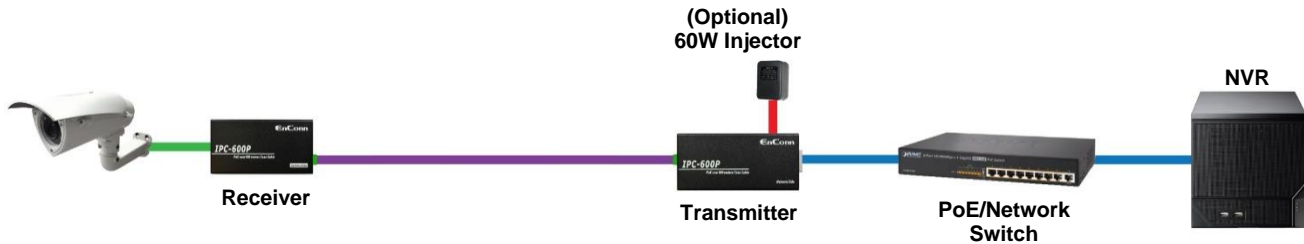
Receiver
(Camera Side)

Application

2 Wire/CAT5e Application

Allows a single twisted pair (telephone cable) or Figure 8 cable to be used as the transmission link.

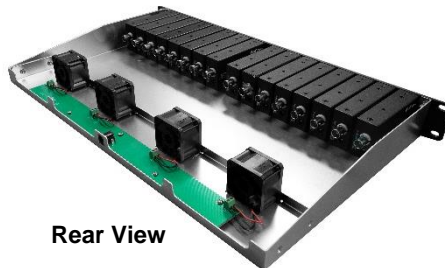
Note: Figure 8 distance reduced to max of 80m



High Density 19" 1RU Rack Mount Option



Front View



Rear View

One to One Rack
Up to 16 Transmitters per 1RU 19" Rack
Part No: EC-1600

Specifications

Electrical Specifications		
	Transmitter (Network Side)	Receiver (Camera Side)
Model	POE-IPC-600T2	POE-IPC-600R2
Standard	IEEE 802.3af/IEEE 802.3at	
Data Speed	10/100 Mbps Full Duplex	
Ethernet Cable	Up to 100m	Up to 100m
Transmission Distance	Up to 200m* for 100mpbs speeds / Max to 400m* @ 0.5mm Twisted Pair Phone Line	
PoE Voltage Input	IEEE802.3af/at, 48VDC 60W Max	48VDC 30W Max
PoE Consumption	2.7W (Typical)	2.8W (Typical)
Interface		
Ethernet	RJ-45 Power + Data (PoE In)	RJ-45 Power + Data (PoE Out)
2-wire	Terminal Block	Terminal Block
DC Input	DC Jack 2.1 x 5.5mm	1 DC Jack 2.1 x 5.5mm
Mechanical and Environment Specifications		
Dimension	90 (L) x 42 (W) x 22 (H) mm	80 (L) x 42 (W) x 22 (H) mm
Weight	131g	120g
Operating Temperature	0 ~ 60 Degree C	-10 ~ 60 Degree C
Operating Humidity	10 ~ 80% (non-condensing)	
Certification	CE, FCC, C-Tick	

Specifications subject to change without notice.

Ordering Information

ORDER INFORMATION	
POE-IPC-600T2-KIT	1 Transmitter, 1 Receiver
POE-IPC-600T2A-KIT	1 Transmitter, 1 Receiver, 1 x 60W Power Supply & IEC Cable
EC-1600	19" Rack Mount 1RU Chassis – unloaded (fits up to 16 Transmitters)