



### 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)



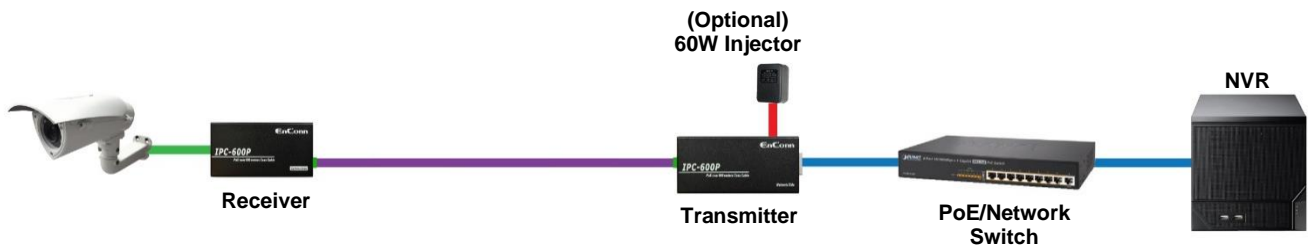
Receiver (Camera Side)

#### Application

##### 2 Wire/CAT5e Application

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

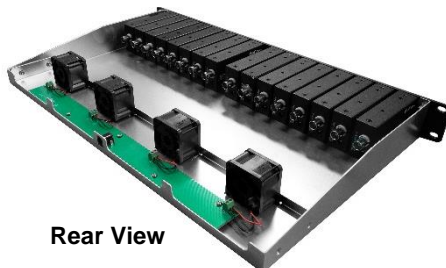
Note: Figure 8 distance reduced to max of 80m



#### 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)

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