



### Easy Coax™ Long Range Ethernet Extender

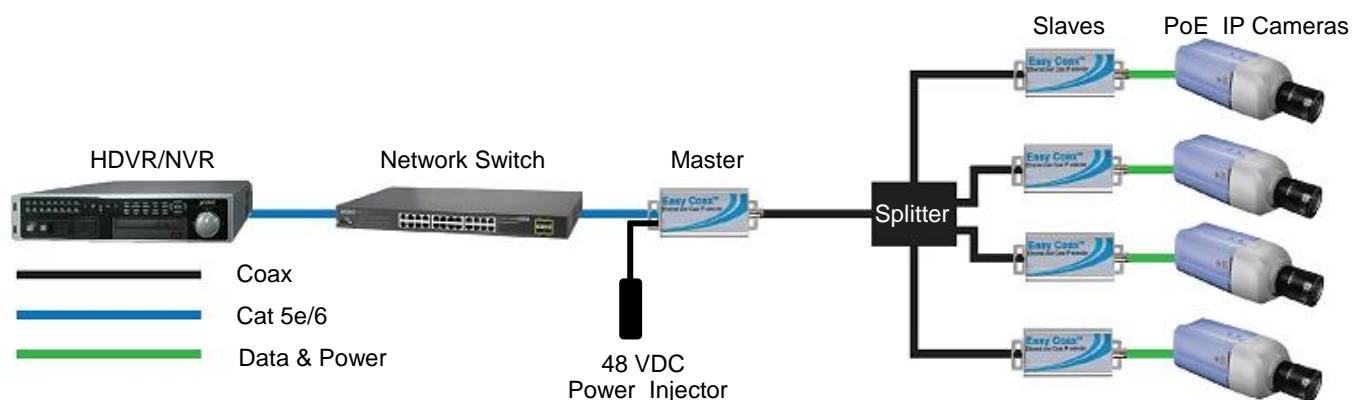
The Easy Coax™ Series Kits of Ethernet over Coax Extender is a new generation device that makes installation of powered devices such as IP cameras and other IP devices an easy task with no IP address and network set up required for the installation. Configuration can either be 1:1 or any combination up 1:4 with range to 600 metres depending on power demand and type of coaxial cable used. With proprietary technology providing robust immunity against noise and interference and full-duplex Fast Ethernet transmission over coax cable 4 Mega Pixel IP cameras can be supported.



### Features

- Use of existing coax cables for installation IP camera and IP devices
- One Master Extender can support up to four slave extender using BNC splitter
- Extremely cost effective to install
- Range to 600 metres (Note)
- Full Duplex 10/100 Mbps Data Speed
- IEEE 802.3 af/at Compliant PoE for IP camera power supply
- Easy Configuration, No IP address and network setup required
- LED indicator for Power, Link and Data traffic status
- Compact size extender - fits inside most camera housings
- 2 Year Warranty

### Application





### Specifications for POE-EC1-KIT

Electrical Specifications	
Standard	IEEE 802.3af/802.at Mid Span
Data Speed	10/100 Mbps Full Duplex
Coax Cable	RG59/U or RG6
Transmission Method	CSMA/CA and TDMA
Modulation Method	Windowed OFDM
Frequency Band	1.8 MHz to 30 MHz
PoE Voltage	48 VDC Input 37-48VDC Output Distance/Power Dependent
LED Indicators	Power On Blue, BNC Link On Green, RJ45 Link On Green
Interface	
Ethernet	1 x RJ45
Coaxial	BNC Female
Mechanical and Environment Specifications	
Power Requirement	100-240VAC 50-60Hz to 48VDC 1.3A ( Optional)
Dimension	75 (L) x 40 (W) x 40 (H) mm
Weight	120g
Operating Temperature	-10 ~ 50°C
Operating Humidity	10 ~ 80% (non-condensing)
Enclosure Material	Extruded Aluminum
Certification	CE, FCC, C-Tick

### Transmission Distance with PoE

Total Power of PDs (Watts)	Metres (RG59/U) 60 Watt PSE	Metres (RG59/U) 30 Watt PSE	Metres (RG59/U) 15 Watt PSE
4.5	600	600	600
6	528	528	528
8	422	422	422
10	352	352	x
15	248	248	x
20	192	192	x
25	156	x	x
30	132	x	x
35	114	x	x

**Note:** Actual Distance depends on type of Coaxial cable, power source and termination method used and site specific noise environment encountered. Local power can be used for higher power devices to extend range.

Specifications subject to change without notice.

ORDER INFORMATION	
POE-EC1-KIT	1 Master, 1 Slave (inc. 1 x Power Supply)
POE-EC4	Additional Units
POE-PWR-60W	60 Watt 48DC Injector



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