

15.4 Watt PoE Extender over Coax

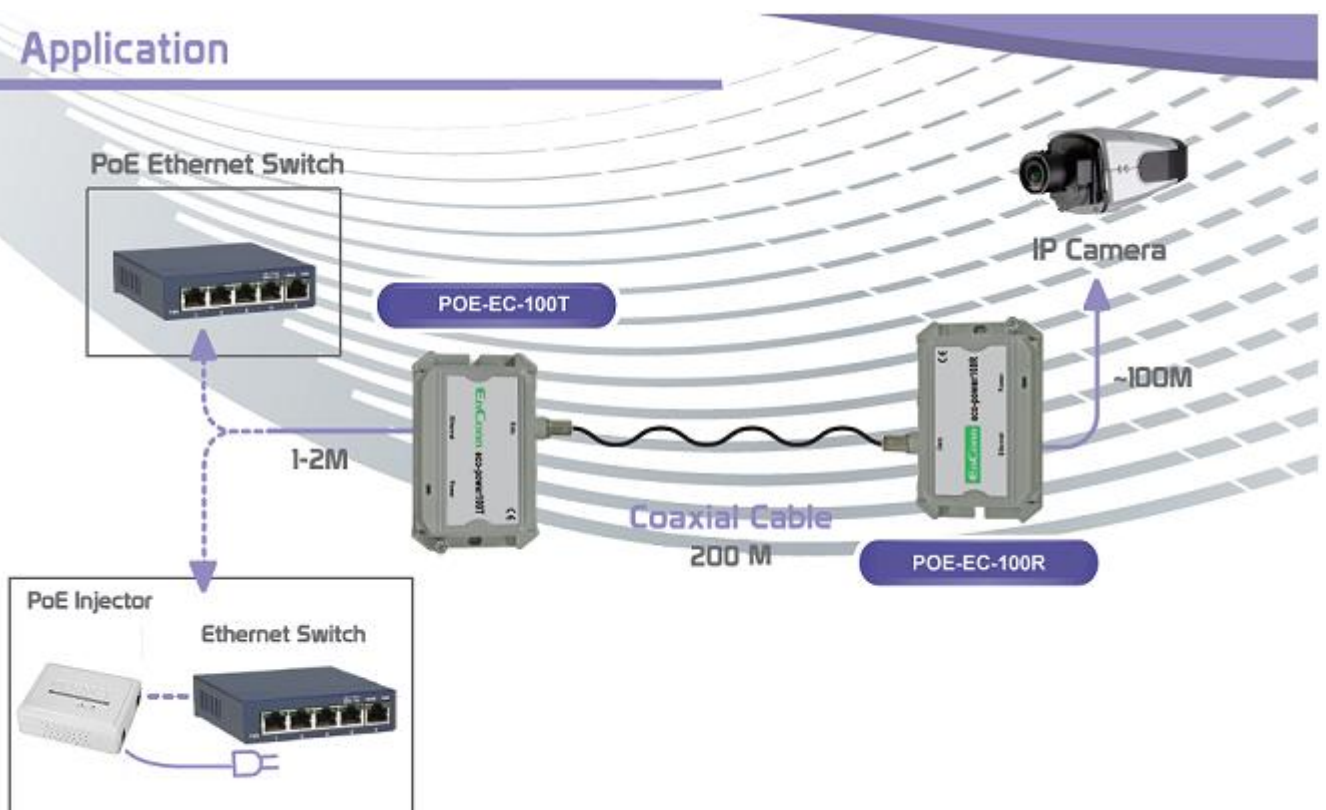
The POE-EC100-Kit comprise both the PoE transmitter and receiver units and provides a cost effective solution for migration of analogue to IP camera without the need for re-cabling to Category 5 or 6 cabling. By adopting innovative technology the range of these units extends 802.3af compliant Power and Ethernet transmission up to 200 metres over coaxial cable and provide this as an RJ45 PoE interface for the PD.

Features

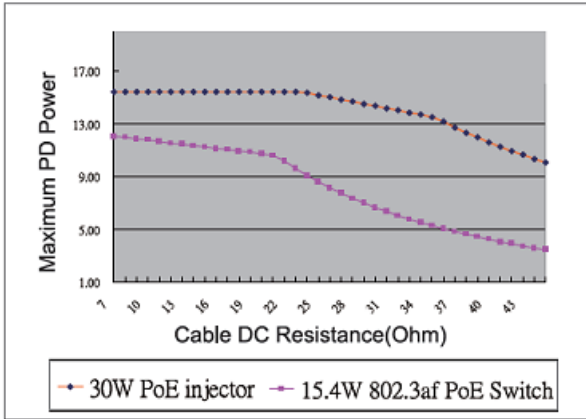
- 10/100 Mbps full duplex data speeds
- BNC interface
- High Reliability
- Ruggedised Housing
- Wide Operating Temperature range
- PoE (Power-over-Ethernet) to IEEE 802.3af Standard



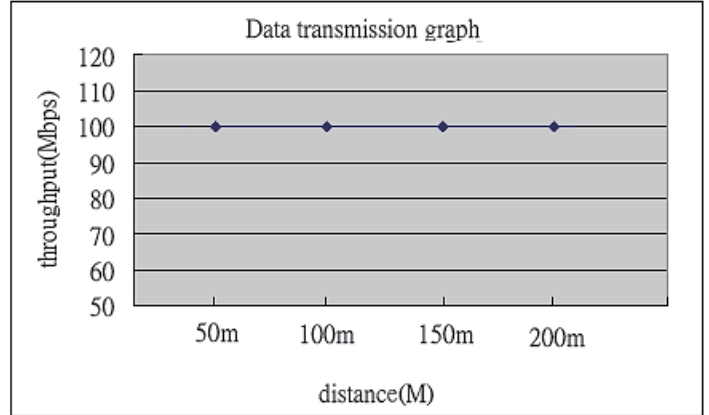
Application



Maximum PD power vs. cable DC resistance



Data transmission



Specifications for POE-EC100-KIT

Electrical Specifications	
Standard	IEEE 802.3af
Data Speed	10/100 Mbps Full Duplex
Ethernet Cable	POE-EC100T <= 2 metres STP POE-EC100R <= 100 metre STP
Transmission Distance	100 to 120 metres RG59 200 metres RG6 environment dependent
PoE Voltage	42-57 VDC Input 36-56VDC Output @ 15.4 Watts
Interface	
Ethernet	1 x RJ-45
Coaxial	BNC Female
Mechanical and Environment Specifications	
Power Requirement	<1Watt EC-100T <2.5 Watt EC-100R
Dimension	112 (L) x 72 (W) x 31.5 (H) mm
Weight	245g EC-100T 235g EC100R
Operating Temperature	-10 ~ 60 Degree C
Operating Humidity	10 ~ 80% (non-condensing)
Enclosure Material	Aluminium Alloy
Certification	CE, FCC, C-Tick



Part Number: EC-800

The EC-800 Chassis has been designed to accommodate up to 8 POE-EC100 Transmitter Units with the RJ45 Ports front facing.

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