

***SAVE MONEY & TIME***

**USE EXISTING ANALOG CAMERA COAX RUNS  
FOR IP & MEGAPIXEL CAMERAS**

***ECO-POWER 100 T/R VIDEO DATA & POE OVER COAX***

**Product**



**eco-power100T** is typically placed in the monitoring room as a signal transmitter.



**eco-power100R** is placed with IP Security camera as a signal receiver.

**Description**

The EnConn **Power over Ethernet extender (PoE) - eco-power100T/R** is a "PoE extender over coax" solution. By using novel RF technology, it can extend the transmission distance of power and 100Mbps Ethernet data over 200~300m (650~980ft) of RG6 video-grade coax cable & 100m UTP in RX side.

EnConn's **Power over Ethernet extender**, the PoE power and signal from PoE switch or PoE injector are input into eco-power100T and converted into coaxial cable. eco-power100R receives the signal and power from coaxial cable and converts back to PoE interface. This solution allow user to provide 200~300m PoE link by a simple, reliable and cost-effective method.

**Features**

- Power over Ethernet (PoE)
- PoE extender over coax
- Standard: IEEE 802.3af
- Speed: 10/100 Mbps, full duplexer
- Cable: RG6 video-grade coaxial cable or above
- Transmission distance: 200~300m(650~980ft) coaxial cable + 100m UTP in RX side
- Power Consumption: TX <=1W , RX<=2.5W
- Class 3 powered device available
- Output/Input Interface: F connector
- IP Security Surveillance over existing coax cable with powering
- Fast and easy to install
- Scalable

**Application Diagram**

