

Transceiver 1 Video Channel 1.8km



Active Transmitter
P/N: E10610T



Active Receiver
P/N: E10610R

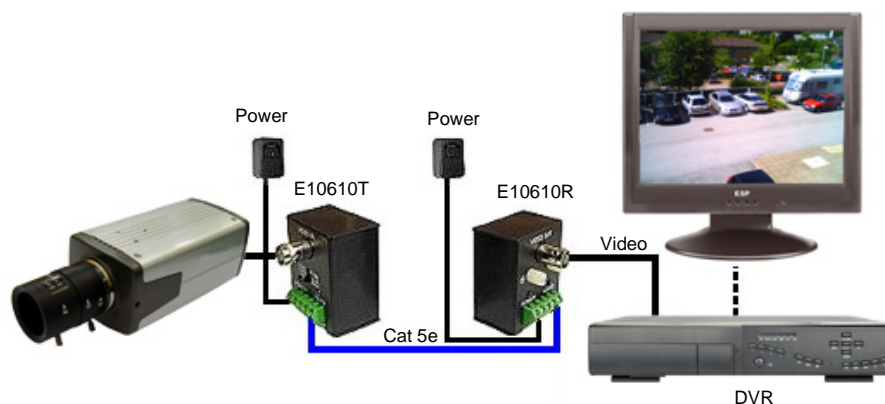
Application:

The video transmitter and receiver has been specifically designed to operate as pair to provide a cost effective solution for the transmission of video signals as from a CCTV camera up to a range of 1.8 Km without degradation to the picture quality. The range of the transmitter is switch selectable between 500 to 1800 metres and the receiver is provided with brightness and sharpness controls to further enhance picture quality.

The exceptional Common Mode Rejection of 60 dB means extremely high immunity against EMI/RFI and therefore the E10610T/R combination is suited for installation where levels of interference are quite high.

A power pack is required for each unit, not supplied with the transceiver.

Typical Application for Transceiver



Specifications:

| | |
|------------------------|---|
| Bandwidth: | DC to 8 MHz |
| Impedance: | 75 Ohm BNC, 100 Ohm Screw Terminal Block |
| Video signal: | 1.1 Vp-p max |
| Common Mode Rejection: | > 60 dB |
| Distance setting: | 3 position switch: 500 m, 1 Km, and 1.8Km |
| Maximum distance: | Color: To 1200 m (3900 ft) Cat 3 or <1800 m (5800 ft) using Cat 5, 5e or 6 cable |
| Power: | 12/24 VAC or DC Volts Maximum 50mA. Can use power supply for camera if supply is floating i.e. not grounded |
| Power on indication: | Blue |
| Video on indication: | Green |
| Operating Temperature: | 0° to +55 °C RH: 95% Non Condensing 12V AC/DC 0° to +30 °C RH: 95% Non Condensing 24V AC/DC |
| Casing: | Fire retardant plastic |
| Dimensions: | 75 x 40 x 27.5 cm |

- Note 1: All specifications are typical and subject to change without notice.
2: Power supply used to power the Active Transmitter and Receiver must be separate and can be shared with camera if floating ie not grounded on either lead.

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