EQL Teleconnect

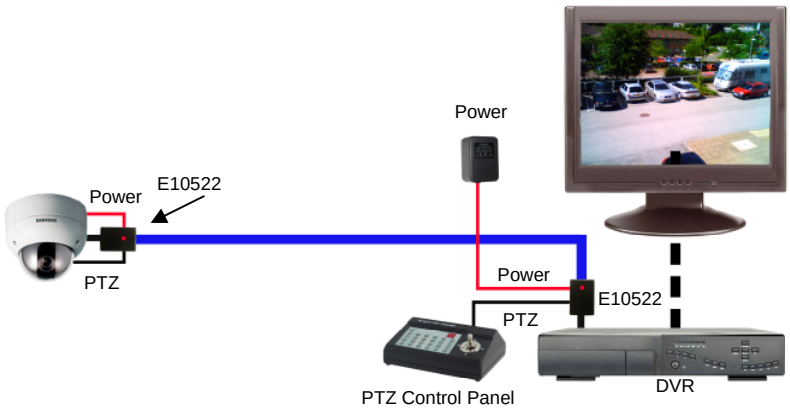
Providing Effective Solutions for CCTV Security Systems

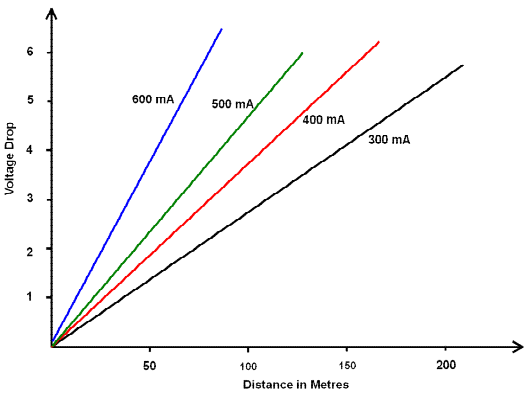
Video + Power PTZ Balun

Power through Video + PTZ Data
BNC Male to RJ45 Jack
with 300mm lead
Part Number: E10522

Application

In installations where power is not available at the camera end and PTZ Control Data for the camera is required E10522 Video Power + PTZ Data Balun may be used to interconnect the camera using Cat 5 cable. Below is a diagram of an application using E10522.





The maximum distance between the camera and the hub depends on the power requirements of the camera. The figures left will serve as a guide in determining the approximate distance that can be achieved using the E10522.

Specifications:

Bandwidth:	DC to 8 MHz
Insertion Loss:	< 2 dB to 8 MHz
Impedance:	75 ohm BNC, 100 Ohm RJ45
Maximum Signal Voltage:	1.1 Vp-p
Cable Length:	300 mm
Return Loss:	> 15 dB to 8 MHz
Common Mode Rejection:	> 40 dB @ 8 MHz
Indicator LED:	Red for AC or DC Power On
Connectors:	Video: BNC Male Power: Bare Fig 8 (Solid Red (+), Black (-)) Data: Bare Fig 8 (White/Black (+), Black (-))
Pinout for RJ45 Jack:	Video 7(+) / 8 (-) Power 1, 3 (+) / 2, 6 (-) PTZ Data 4 (+) / 5(-)
RJ45 Contacts:	Gold 50 micro inch
Temperature Range:	0 to 55 °C operating, 22 to 80°C Storage 95% Relative Humidity
Casing:	Fire Retardant Plastic ABS UL 94V-0
Maximum Distance:	Video only Colour: Up to 400m B&W: Up to 600m Video and Power: Up to 200m Video, Power + PTZ: Up to 70m

Note: Specifications subject to change without notice

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