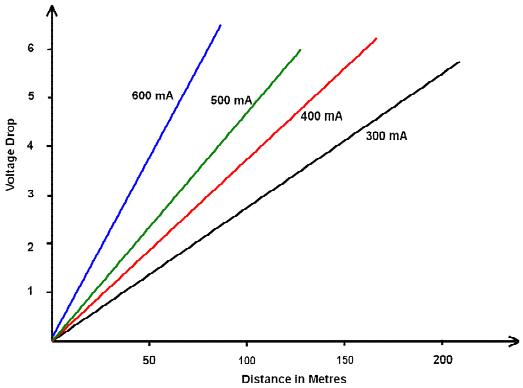
EQL Teleconnect

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



Features:

- BNC Male Power through Video Balun + Power + PTZ Control Data.
- With 300 mm cable for BNC, Power and PTZ Data.
- Feed AC or DC Power and PTZ Control Data RS422 or RS485 up Cat 5 Cable to Camera.
- Exceptional performance, High Reliability and Durability
- Housed in a fire retardant wall mountable Case
- High quality and performance
- Passive device (no power supply required)
- Stable over working temperature between 0 ^{o}C to +55 ^{o}C

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.

The maximum distance between the camera and the hub depends on the power requirements of the camera. The figure left will serve as a guide in determining the approximate distance that can be achieved using Power through Video Balun E10524. Distances attainable with the E10522 will be about 70 metres with Camera current consumption of 300 mA and allowable voltage drop of 3 Volts.

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 ^{o}C operating, 22 to 80^{o}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
Compatible with:	E10700A or E10184S (Video Only)

Note: Specifications subject to change without notice

EQL Teleconnect

Unit 20, 13 Swaffham Road
Minto NSW 2566
Australia

Postal Address:
P.O. Box 351
Minto NSW 2566
Australia

Tel: +61 2 9824 5680
Fax: +61 2 9824 5685
Email: sales@teleconnect.com.au
Web: www.teleconnect.com.au

ABN: 93 098 402 218

The material in this Datasheet is subject to Copyright of EQL Teleconnect