

## **Providing Effective Solutions for CCTV Security Systems**

# Video + Power PTZ Balun



Power through Video + PTZ Data **BNC Male to RJ45 Jack** with 300mm lead

400 mA

Distance in Metres

### **EXIC1100** (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 C to +55 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:**

DC to 8 MHz Bandwidth: Insertion Loss: < 2 dB to 8 MHz

Impedance: 75 ohm BNC, 100 Ohm RJ45

Maximum Signal Voltage: 1.1 Vp-p 300 mm Cable Length:

Return Loss: > 15 dB to 8 MHz Common Mode Rejection: > 40 dB @ 8 MHz

Red for AC or DC Power On Indicator LED:

Video: BNC Male Connectors:

> 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

0 to 55  $^{\circ}$ C operating, 22 to 80 $^{\circ}$ C Storage Temperature Range:

95% Relative Humidity

Casing: Fire Retardant Plastic ABS UL 94V-0 Maximum Distance: Video only Colour: Up to 400m

Up to 600m B&W:

Video and Power: Up to 200m Up to 70m Video, Power + PTZ:

E10700A or E10184S (Video Only) Compatible with:

Note: Specifications subject to change without notice

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