

## 16 Port Versatile Balun Hub



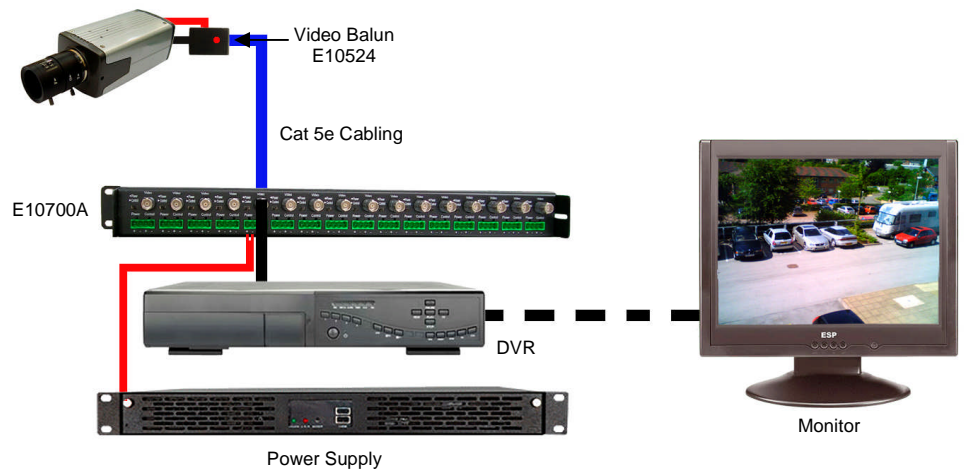
**Versatile Balun Hub  
16 Port RJ45 – BNC Female  
Switch Selectable Functions  
Part No: E10700A**

### Application

The E10700A is a Versatile 16 Port Balun Hub that supports 16 Video channels either by itself or a combination of Video + Power or Video + Power + PTZ Data using either RS422 or RS485 protocol.

The versatility of the Balun Hub is due to its ability to accommodate any of the 3 forms of operation with the Video + Power mode or Video + Power + PTZ mode switch selectable.

This application is shown below.

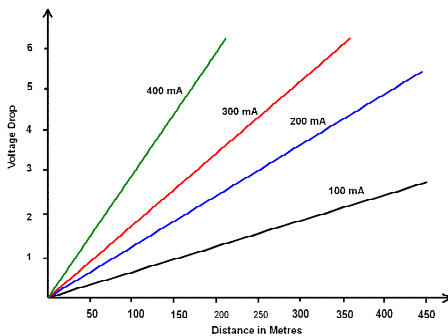


The maximum distance between the camera and the hub depends on the power requirements of the camera. The figures left will serve as a guide in determining the approximate distance that can be achieved using the E10524 / E10522 baluns.

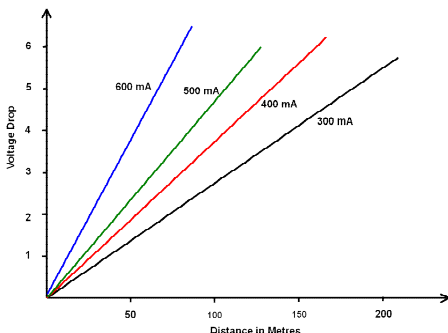
### Specifications

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
Return Loss:	> 15 dB to 8 MHz
Common Mode Rejection:	> 40 dB @ 8 MHz
Interface:	16x BNC female for Video Out 16x RJ45 Jack unshielded 16 x 4 Pole Screw Terminal for Power and PTZ Control
RJ45 Pinout:	Video 7+/8- for video Power 1, 3, 5 + and 2, 4, 6 – switch in power mode Power 1, 3 + and 2, 6 – switch in PTZ mode and PTZ control 4+/5-
Temperature Range:	0 to 55 °C operating, -22 to 80 °C Storage 95% RH
Maximum Distance:	Video Only Color: Up to 400 m Video and Power: Up to 300 metres (Note 1) Video Power PTZ: Up to 70 metres (Note 1)

Note 1: Maximum distance is dependent on camera, power supply and environment.



E10524



E10522

## 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