

Providing Effective Solutions for CCTV Security Systems



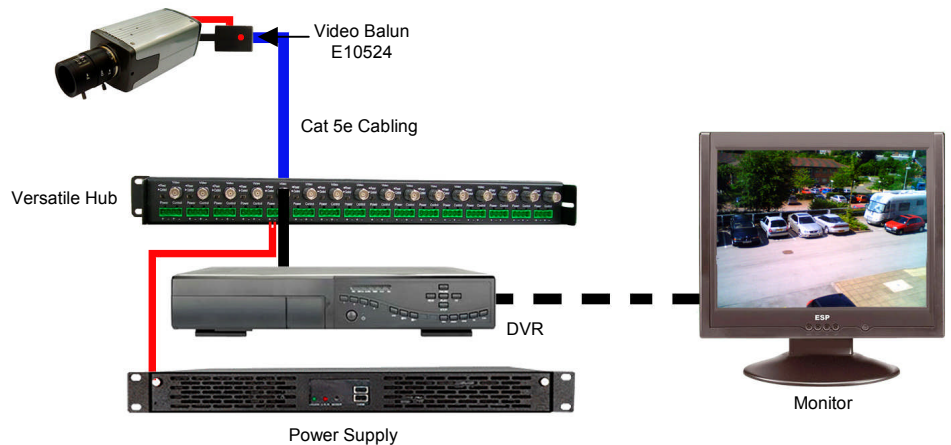
Versatile Balun Hub
16 Port RJ45 – BNC Female
Switch Selectable Functions
Part No: E10700A

Application Note

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.



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
Contacts:	Gold, 50 micro inch
Interface:	16 x BNC female for Video Out 16 x RJ45 Jack unshielded 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% Relative Humidity
Maximum Distance:	Maximum distance: Video Only Color: Up to 450 m Video and Power: Up to 100 m Video Power and PTZ: Up to 50 m

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

Note 2: Specifications subject to change without notice.

