CCTV BALUNS – Video & Power over UTP

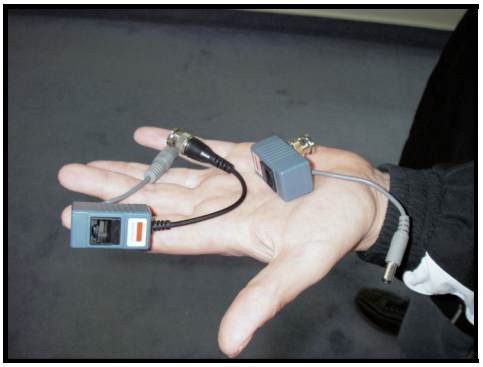
What are they?

Baluns are simple passive devices that “match” cable impedances to allow 75ohm equipment to be connected to low cost 110ohm UTP cabling (Cat5, Cat5e or Cat6).

Why would I use them?

Using Baluns to run CCTV systems over UTP rather than traditional RG59 or RG59 composite CAN SAVE YOU UP TO 30% on your cabling costs.

PIC 1

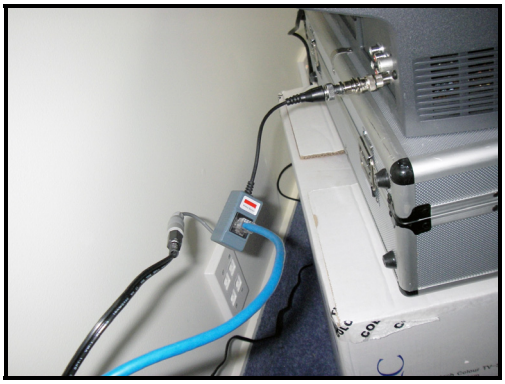


PIC 2

Pic 1 - shows a “Pair” of baluns – capable of sending composite video and low voltage power in excess of 100M over low cost UTP cabling (depending on camera type).

Pic 2 - shows a typical installation/connection at the camera end.

PIC 3



PIC 4

Pic 3 - shows a typical connection at the DVR/Monitor end.

Pic 4 - is from our initial testing of this product – in excess of 300 metres!!!
Using a standard 1 amp 12 volt DC supply, there is very little voltage drop, as the baluns use multiple pairs in the UTP to transmit low voltage power.

The benefits of using CCTV Baluns

- ✓ Many options available – up to 4 cameras over a single UTP
- ✓ 16 port passive “Hub” available – run 16 cameras from 4 UTP cables
- ✓ Huge reduction in costs when compared to installing composite CCTV cable
- ✓ Easy to install – no crimping of coaxial connectors
- ✓ Easy migration to IP cameras
- ✓ Utilizes existing building cable
- ✓ Low cost pre-made patchleads reduces termination time.

Models Available

WIRAV12E VIDEO BALUN - BNC TO SCREW TERMINALS
WIRAV12C VIDEO BALUN - BNC TAIL TO SCREW TERMINALS
WIRAV113K VIDEO + POWER BALUN - BNC TO RJ45 1 X BOX 1 X TAILED*

WIRAV14 QUAD CHANNEL VIDEO BALUN - 4 X BNC TO RJ45 SOCKET
WIRAV1611 16 CHANNEL PASSIVE VIDEO BALUN - 16 X BNC TO TERMINAL BLOCKS AND/OR RJ45

WIRAV1351T-TX VIDEO BALUN POWERED - BNC FEMALE 2800 METRES
WIRAV1351R - RX VIDEO BALUN POWERED - BNC FEMALE - 2800 METRES
WIRAV1301T - TX VIDEO BALUN SHARPNESS & BRIGHTNESS CONTROL
WIRAV1301R - RX VIDEO BALUN SHARPNESS & BRIGHTNESS CONTROL

****AS SHOWN IN PICTURES ABOVE***

WIRED
QUALITY NZ MADE CABLES