

### Overview

The PTZ Balun allows CCTV video and “up-the-coax” Pan, Tilt, Zoom (PTZ) control signals to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling.

Used in pairs, the PTZ Balun allows CCTV security and surveillance equipment to be integrated into structured cabling systems. Allows CCTV PTZ devices to be moved to any convenient modular wall outlet. The VideoEase PTZ Balun provides a versatile cabling solution for CCTV security and surveillance by making use of standard UTP cabling techniques to connect digital coax PTZ and video via a single unshielded twisted pair.

### Benefits

Cost savings - eliminate costly coaxial cable  
Less down time - quicker moves, adds and changes  
Neater wiring



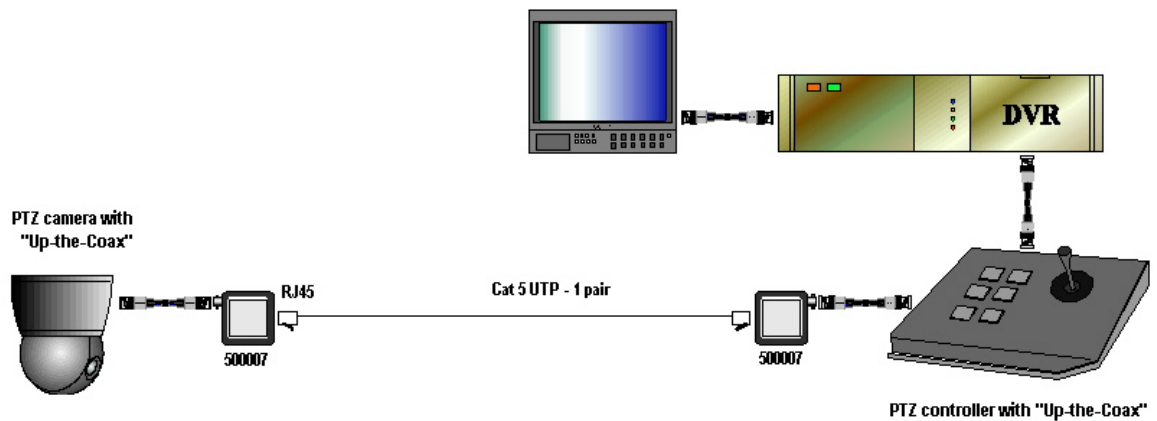
### Features

Up to 1,400 feet via Cat5e/6 UTP  
Compact design  
Neater installation via Velcro™ mounting strip  
Low return loss  
Lifetime warranty

Specifications	
Environment	CCTV equipment for security and surveillance. NTSC,PAL, SECAM, Coaxitron™,
Devices	CCTV cameras and Pan, Tilt, Zoom controllers supporting one video and one PTZ signal over the same coaxial cable. Works with Pelco™ Coaxitron™, Vicon™ Vicoax, Videoalarm™ Coaxlynx™, Panasonic and other digital coax pan, tilt, and zoom control systems.
Typical Models Supported	Pelco Coaxitron 2000, Pelco MPT9000-PZ/ MPT9500, Pelco Spectra SD5AC
Transmission	Transparent to the user.
Bandwidth	Video: DC to 8 MHz.
Maximum Input	1.1Vp-p
Insertion Loss	Less than 2 dB per pair over the frequency range from DC to 8 MHz
Return Loss	Greater than 15 dB over the frequency range from DC to 8 MHz
Common Mode Rejection	Greater than 40 dB @ 8 MHz
Max. Distance Colour	Cat 3 –875 ft; Cat5e/6 – 1250 ft.
Max. Distance Black & White	Cat 3 –980 ft; Cat5e/6 – 1400 ft
Cable – UTP	24 gauge or lower solid copper UTP. Impedance: 100 ohms at 1 MHz Maximum capacitance: 20 pf/foot. Attenuation: 6.6 dB/1000 ft at 1 MHz
Cable – BNC	Impedance: 75 ohms at 1 MHz (RG59/U). Maximum 25 ft. of coax allowed per end to end link.
Connectors	One (1) BNC-Female and one (1) RJ45 Female. Comes with one 6" coax lead.
Pin Configuration	RJ45 Pins 7 & 8. Reverse polarity sensitive.
Impedance	Input: 75 ohms (BNC) Output: 100 ohms (RJ45).
Temperature	Operating: 0 to 55 C. Storage:-20 to 85 C. Humidity: up to 95%
Enclosure	Fire retardant plastic
Dimensions	2.40" x 2.25 x 1.00"
Mounting Option	Velcro™
Weight	86 gms (3 oz)
Warranty	Lifetime
Order Information	500007 PTZ Balun

\* Pelco, Videoalarm, Vicon, Coaxlynx, Coaxitron, Vicoax are trademarks of their respective companies.

## Typical Application



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