

**Overview**

The VideoEase CCTV Balun allows a single CCTV video signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable.

Used in pairs, the CCTV Balun eliminates costly and bulky coaxial cable, allowing CCTV security and surveillance equipment to be connected using standard structured cabling techniques for neater and more streamlined cabling.

The CCTV Balun is available in two models; CCTV Screw Terminal Balun (500009) and CCTV Modular Balun (500000). Both models may be used interchangeably.

**Benefits**

Cost savings - eliminate costly coaxial cable  
Quicker moves, adds and changes  
Neater wiring



**Features**

- Eliminates coax cable
- Up to 2200 feet (670m) via Cat 5 UTP\*
- Strain relief (500009)
- Compact design
- Low return loss
- Lifetime warranty
- \* less distance may result with DVR equipment.*
- Typical: 1,000 to 1,500 ft via Cat5*

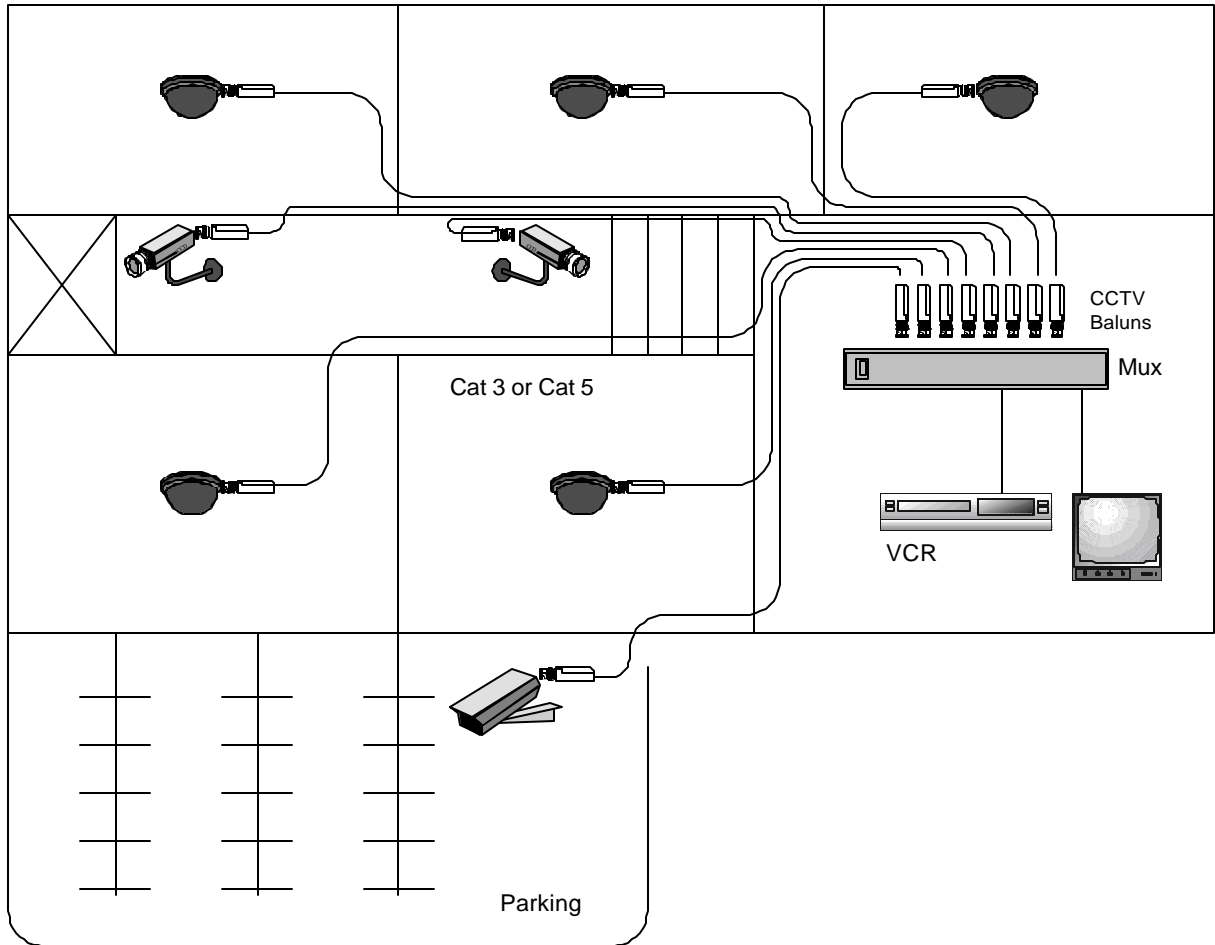
Specifications	
<b>Environment</b>	Close-Circuit TV (CCTV) equipment for security and surveillance.
<b>Devices</b>	CCTV cameras , monitors, switchers, sequencers, multiplexers, digital video recorders (DVR) and other CCTV equipment.
<b>Transmission</b>	Transparent to the user.
<b>Bandwidth</b>	Video: DC to 8 MHz.
<b>Maximum Input</b>	1.1Vp-p
<b>Insertion Loss</b>	Less than 2 dB per pair over the frequency range from DC to 8 MHz
<b>Return Loss</b>	Greater than 15 dB over the frequency range from DC to 8 MHz
<b>Common Mode Rejection</b>	Greater than 40 dB @ 8 MHz
<b>Max. Distance Colour</b>	Cat 3 –1200 ft; Cat 5 – 2200 ft.* <i>* less distance may result with DVR equipment. Typical: 1,000 to 1,500 ft via Cat5</i>
<b>Max. Distance Black &amp; White</b>	Cat 3 –1500 ft; Cat 5 – 2500 ft
<b>Cable – UTP</b>	24 gauge or lower solid copper twisted pair wire impedance: 100 ohms at 1 MHz Maximum capacitance: 20 pf/foot. Attenuation: 6.6 dB/1000 ft at 1 MHz
<b>Cable – BNC</b>	Impedance: 75 ohms at 1 MHz (RG59/U).
<b>Connectors</b>	500000: RJ45 Pins 7&8 <i>Reverse polarity sensitive</i> 500009: Two (2) screw terminals
<b>Impedance</b>	Input: 75 ohms (BNC) Output: 100 ohms (RJ45)
<b>Temperature</b>	Operating: 0° to 55° C. Storage: -20° to 85° C. Humidity: up to 95%
<b>Enclosure</b>	ABS fire retardant plastic
<b>Dimensions</b>	500000: 1.75" x .75" x 1.00" (4.44cm x 1.9cm x 2.54cm) 500009: 2.30" x 0.62" x 0.62" (5.8cm x 1.57cm x 1.57cm)
<b>Warranty</b>	Lifetime
<b>Order Information</b>	500000 VideoEase CCTV Modular Balun 500009 VideoEase CCTV Screw Terminal Balun

**Head Office**

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# VideoEase CCTV Balun 50000, 50009

## Typical Application



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