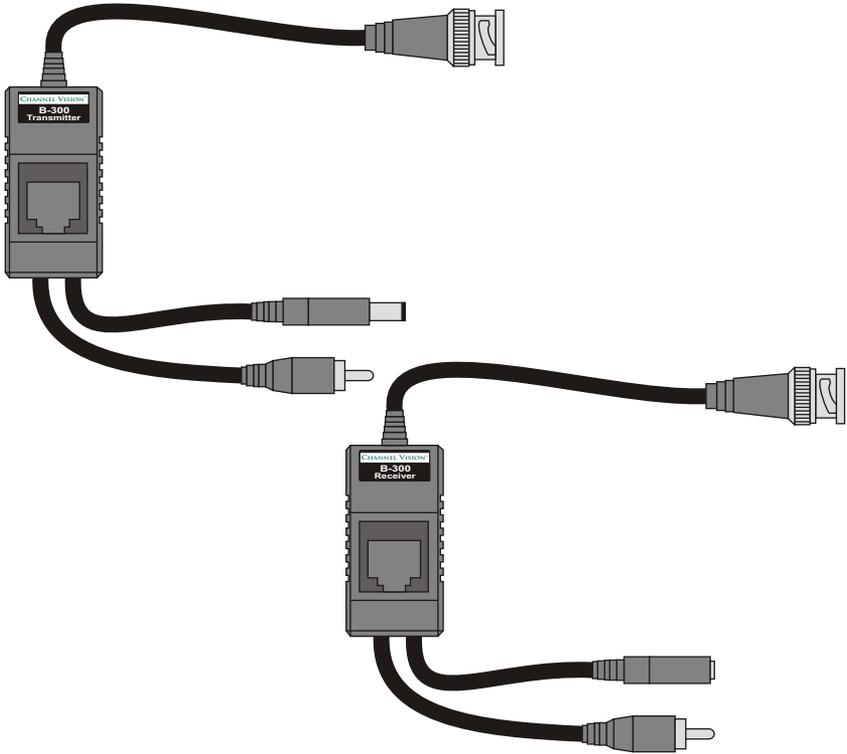


INSTRUCTIONS



B-300

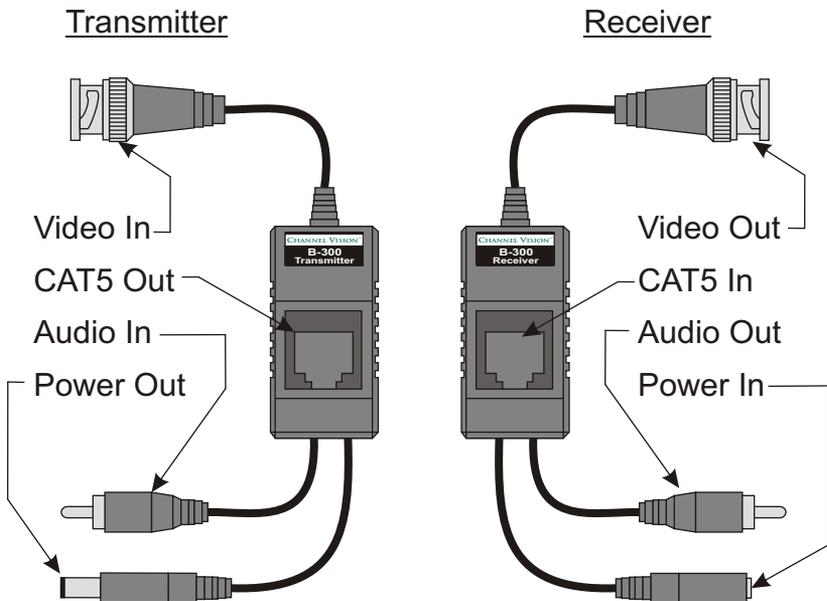
Balun for Video, Audio, and Power

Model B-300

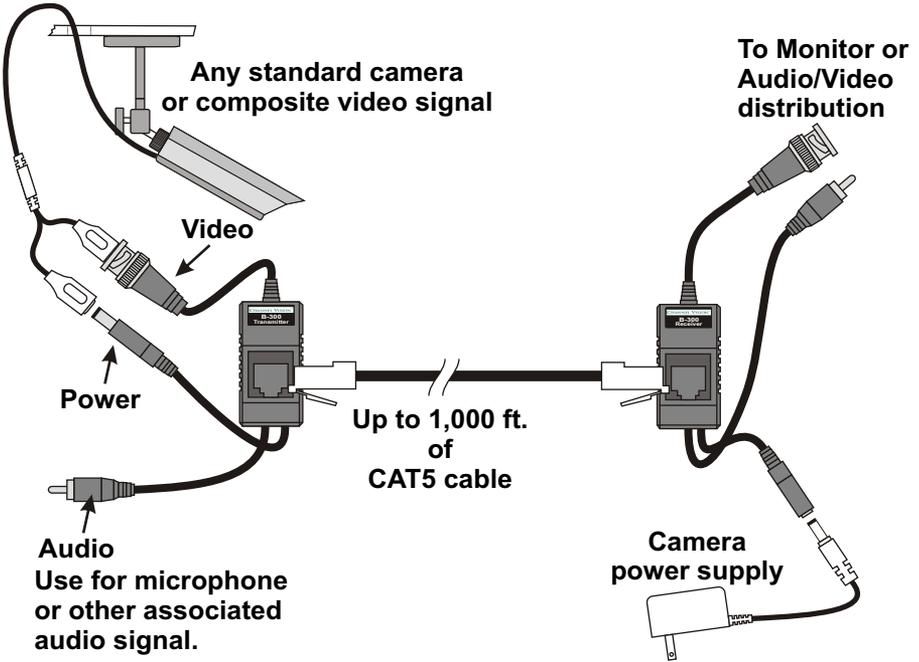
The **B-300** Balun for Video Audio and Power provides the necessary impedance transformation to transition from 75 ohm coax to twisted pair cabling. It is a great way to deliver video, audio, and power from a security camera when you only have a CAT5 cable running to the camera location and no coax. The low cost, simplicity, and availability of twisted pair cable, makes the B-300 a convenient choice for both new construction and retro-fit applications.

Features:

- Includes both transmit and receive units
- Sends video, audio, and power over 1,000 ft. of CAT5
- Compatible with Category 5, 5e, and 6 wiring
- Easy installation



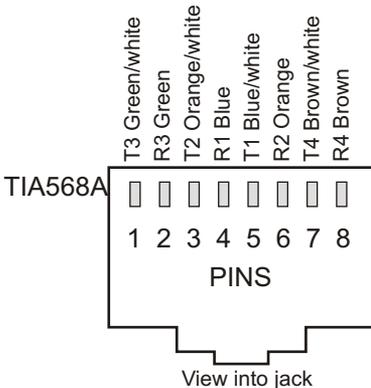
Installation Diagram



Installation:

- Connect power and audio/video signals to the B-300.
- Connect a CAT5 cable with RJ-45 connectors to the B-300.

RJ-45 Pin Assignments For reference



Pins	Signal
1	Video Signal
2	Video Ground
3	Audio Signal
4	Power -
5	Power +
6	Audio Ground
7	Power +
8	Power -



10 Year Limited Warranty

Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for ten years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.

Channel Vision products are not intended for use in medical, lifesaving, life sustaining or critical environment applications. Channel Vision customers using or selling Channel Vision products for use in such applications do so at their own risk and agree to fully indemnify Channel Vision for any damages resulting from such improper use or sale.

Specifications:

Video In/Out:	BNC male connector
Video format:	RS170, NTSC, CCIR or SECAM
Video Attenuation:	0.5dB (typical)
Transmission distance:	Max. 1000 ft.
Operation freq. range:	0 to 10MHz
Twisted pair connector:	RJ-45 Connector
Common mode rejection:	50dB
Wire type:	UTP Category 5, 5e or 6
Operating Temperature:	-10°C to 70°C
Dimensions:	0.86" x 0.8" x 1.7" (excluding connectors) 22mm x 21mm x 4.3mm

Specifications subject to change without notice.



www.channelvision.com

234 Fischer Avenue, Costa Mesa, California 92626 USA
(714)424-6500 • (800)840-0288 • (714)424-6510 fax
email: techsupport@channelvision.com