



VIGITRON

# VB1001M

## Miniature Video Balun



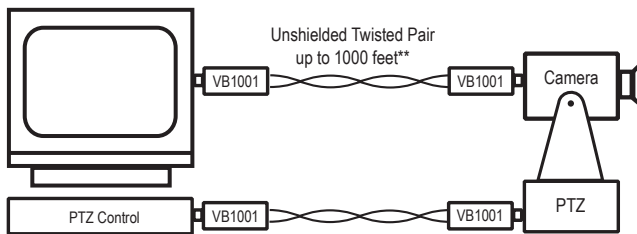
The Vigatron VB1001M Video Balun is a passive transmission devices that transmit video or PTZ (pan/tilt/zoom) signals over unshielded twisted pair wires, point-to-point, for distances up to 1000 feet\*\* (330 m). It uses Category 2-5 twisted pair wires, are easy to install and cost effective, and do not require power.

The extremely compact size allows the VB1001M to fit anywhere that a BNC can fit. It is ideal for mounting directly on virtually all high-density DVRs without any additional cabling. The VB1001M is compatible with all qualified cameras with built-in twisted pair transmitter. Its crosstalk and noise immunity ensure quality video signals.

The VB1001M can transport quality video up to 3,000 feet (1000m) when used with VI6000VR active UTP Receiver.

The VB1001M transceiver offers quality video in a compact size at a highly affordable price. They are ideal for a wide variety of applications such as security, surveillance, and video conferencing.

## APPLICATION DIAGRAM



## FEATURES

- Quality color and B&W video or PTZ signals over 1000 feet (330 m) of unshielded twisted pair wires\*\*
- NTSC, PAL , and SECAM video formats
- Support for "up-the-coax" type signals
- No power required
- 50 dB crosstalk and noise immunity
- Compact size and easy installation
- Compatible with all qualified UTP cameras
- Limited lifetime warranty

## APPLICATION S

- Security and Surveillance
- Elevator Surveillance
- Video Conferencing
- Video Distribution
- P/T/Z control signals
- PC Multimedia

## SPECIFICATION S\*

Video Format	NTSC, PAL, SECAM
Frequency	DC to 10 MHz
Coax	75 Ohm
Twisted Pair	100 Ohms +/- 20%, 24 AWG min up to 1000 feet (330 m)** Unshielded Category 2-5
Insertion Loss	0.3 dB
CMRR	50 dB
Power	No power required
Connectors	Video: Male BNC UTP: Screw Terminal
Temperature	Operating: -10C to +70C Storage: -30C to +70C
Humidity	0 to 95%, non-condensing
Dimensions	1.88x0.52x0.53 Inches (48x13.2x13.7 mm)
Weight	0.6 oz (18 g)
Material	Blue ABS Plastic, UL rating of 94V-0

\*Specifications subject to change without notice.

\*\*It is recommended not to exceed 750 feet (250m) when using with digital equipment.

The smart choice for quality video™