

# UP0102P

Single-port passive video balun with surge protection



## DESCRIPTION

The UP0102P is a passive, single port video balun that transmits quality video over twisted pair wire up to 1,000 feet.

Its compact size and a male BNC connector allows for direct connection to the camera. Screw-less connectors allow easy and fast installation to twisted pair wire. The UP0102P has an excellent immunity to noise and interferences. It also has surge protection to protect video equipment and does not require power.

Basic system design utilizes a pair of video balun transceivers, one balun at each end of the twisted pair wire. Simple, fast, and economical, the use of twisted pair is a smarter way to connect than the use of coax.

## FEATURES

- Quality video over ordinary twisted pair cable up to 1000ft
- Excellent Immunity to noise and interference
- Compatible with all twisted pair enabled cameras
- Supports "up-the-coax" type PTZ control signals
- Screw-less connector for faster installation
- Male BNC for direct mounting on the video equipment
- Passive device - no power required
- Surge protection
- Limited lifetime warranty

## APPLICATIONS

- Security and Surveillance
- Intra-building CCTV installations
- Structured cabling (Cat 5) environments
- Multi-camera applications through conduit
- Video Distribution

## TECHNICAL SPECIFICATIONS

Dimensions	0.9"H x 1.0"W x 1.75"D
Weight	0.6 oz
Power Requirements	None Required
Operating Frequency	DC to 10 MHz
Video Format	NTSC,PAL, SECAM
Common Mode Rejection	Larger than 60 dB typical
Insertion Loss	0.5 dB
Surge Protection	per ANSI/IEEE 587 C62.41
Wire Type	UTP Category 2 or better
Wire Size	26 to 12 AWG Unshielded
Temperature Range	-10 to +85 degrees C
Humidity Range	0 to 98%, non-condensing
Twisted Pair Connection	Screw-less Terminals
Video Connection	Male BNC with 9-inch mini coax



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