



The V1-PTZ transmits video signals and “up-the-coax” pan, tilt, and zoom control signals via a single Cat 5 unshielded twisted pair (UTP) cable. Used in pairs, the V1-PTZ is ideal for integrating CCTV security and surveillance equipment into structured cabling systems.

The V1-PTZ provides a low-cost, versatile cabling solution for security and surveillance applications, utilizing a building’s existing structured cabling system.

Technical Specifications

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| Bandwidth | Video: DC to 8 MHz | Environment | CCTV equipment for security and surveillance. NTSC, PAL, SECAM, Coaxitron™. |
| Impedance | Input: 75 ohms (BNC) Output: 100 ohms (RJ45) | Devices | CCTV cameras and pan, tilt, zoom controllers supporting one video and one PTZ signal over the same coaxial cable. |
| Maximum Input | 1.1Vp-p | Supported Models | Pelco™ Coaxitron™, Vicon™ Vicoax™, Coaxitron™, Videoalarm™ Coaxlynx™, Panasonic, and other digital coax pan, tilt, and zoom controllers. |
| Insertion Loss | Less than 2 dB per pair | Temperature | Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95% |
| Return Loss | Greater than 15 dB | Enclosure | Fire retardant black plastic |
| Common Mode Rejection | Greater than 40 dB @ 8 MHz | Dimensions | 2.4” x 2.25” x 1.0” (6.1 x 5.7 x 2.5 cent.) |
| Max. Distance | Color: 1250 ft. (Cat 5); 875 ft. (Cat 3) B&W: 1400 ft. (Cat 5); 980 ft. (Cat 3) | Included Mounting Option | Velcro™ |
| Cable | <i>UTP</i> : 24 gauge or lower solid copper <i>UTP</i> ; Impedance: 100 ohms @ 1 MHz; Maximum capacitance: 20 pf/foot; Attenuation: 6.6 dB/1000 ft. @ 1 MHz <i>BNC</i> : Impedance: 75 ohms @ 1 MHz; Maximum 25 ft. of coax allowed per end to end link. <i>Cat 3, Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i> | Weight | 86 grams (3 oz) |
| Connectors | One (1) BNC female and one (1) RJ45 female. One (1) 6” coax lead included. | Warranty | 2 years |
| Pin Configuration | RJ45 pins 7 & 8 Reverse polarity sensitive | | |

Discover more online at <http://www.intelix.com/products/baluns.html>.