



VIGITRON

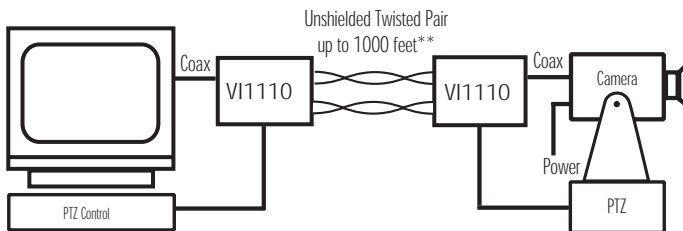
VI1110F / VI1110M

Twisted Pair Video and Data Transceiver



The Vigatron VI1110 is a passive transceiver device that transmits/receives color or B&W video and data over separate point-to-point unshielded twisted pair wires at distances up to 1000 feet (330 m). The VI1110 uses Category 2-5 twisted pair wires, is easy to install and cost effective. This transceiver has built-in surge suppression to protect your video equipment against damaging voltage spikes. Its crosstalk and noise immunity ensure quality video signals. The VI1110 Innovative design offers quality video in a compact size at a highly affordable price. It is ideal for a wide variety of applications such as cameras with PTZ control and digital cameras with control.

APPLICATION DIAGRAM



FEATURES

- Quality color and B&W video and data over 1000 feet** (330 m) of unshielded twisted pair wires
- NTSC, PAL, and SECAM video formats
- Supports RS-422, RS-485, SensorNet 485®
- Supports "up-the-coax" type signals
- 50 dB crosstalk and noise immunity
- Built-in Surge protection
- Compact size and easy installation
- Female or Male BNC and screw terminals
- Limited lifetime warranty

APPLICATIONS

- Security and Surveillance
- Dome Cameras with PTZ Control
- Digital Cameras with Control

SPECIFICATIONS*

Video Format	NTSC, PAL, SECAM
Frequency	Video: 20 Hz to 6 MHz Data: DC to 6 MHz
Data Format	RS-422 and RS-485, (2-wire and 4-wire) SensorNet®, Coaxitron®
Coax	75 Ohm
Twisted Pair	100 Ohms +/- 20%, 24 AWG min Unshielded Category 2-5
Insertion Loss	0.3 dB
CMRR	50 dB
Power	No power required
Connectors	Screw Terminal and Female BNC (VI1110F) Male BNC (VI1110M)
Mating Receiver	VI1110F, VI1110M
Temperature	Operating: -10C to +70C Storage: -30C to +70C
Humidity	0 to 95%, non-condensing
Dimensions	2.75x0.75x0.75 Inches (68x18x18 mm)
Weight	1.2 oz (35 g)
Material	Bone ABS Plastic
Mounting	Adhesive Velcro

*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™