



# VIGITRON

# VI1010F/M - VI1000F/M

## Twisted Pair Video/Data Transceivers



The Vigatron VI1000 and VI1010 are passive video transmission devices that transmit video over unshielded twisted pair wires, point-to-point, for distances up to 1100 feet (330 m). They use Category 2-5 twisted pair wires, are easy to install and cost effective, and do not require power. Their unique and compact design allows mounting directly to the video source or receiver without any additional cabling.

The VI1000 and VI1010 have built-in surge suppression to protect video equipment against damaging voltage spikes. The VI1010 provides ground-loop immunity to prevent disturbing "hum-bars".

The VI1000 and VI1010 transceivers offer quality video in a compact size at a highly affordable price. They are ideal for a wide variety of applications such as security, surveillance, video conferencing, and elevator surveillance.

## FEATURES

- Quality color and B&W video over 1100 feet (330 m) of unshielded twisted pair wires
- NTSC, PAL, and SECAM video formats
- Supports for "up-the-coax" type signals
- No power required
- Ground-loop immunity (VI1010F/M)
- 50 dB crosstalk and noise immunity
- Surge protected
- Compact size and easy installation
- Male or Female BNC
- Limited lifetime warranty

## APPLICATIONS

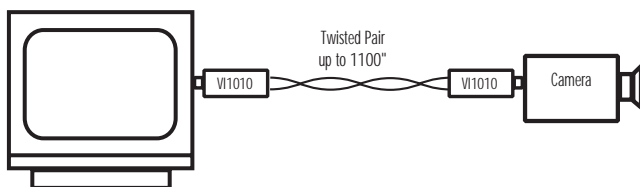
- Security and Surveillance
- Elevator Surveillance
- Video Conferencing
- Video Distribution
- PC Multimedia

## SPECIFICATIONS\*

Video Format	NTSC, PAL, SECAM
Frequency	20 Hz to 10 MHz
Coax	75 Ohm
Twisted Pair	100 Ohms +/- 20%, 24 AWG min up to 1100 feet (330 m) Unshielded Category 2-5
Insertion Loss	0.3 dB
CMRR	50 dB
Power	No power required
Connectors	Screw Terminals and Female BNC (VI1010F-VI1000F) Male BNC (VI1010M-VI1000M)
Temperature	Operating: -10C to +70C Storage: -30C to +70C
Humidity	0 to 95%, non-condensing
Transient Immunity	6000V 1.2 uS x 50 uS
Dimensions	2.25x0.68 Inches (57x17 mm)
Weight	0.9 oz (25 g)
Material	Bone ABS Plastic, UL rating of 94V-0
Mounting	Adhesive Velcro®

\*Specifications subject to change without notice.

## APPLICATION DIAGRAM



Smart choice for quality video™