OmniiLynx
HD Transmission

Vi61000

UTP HD Video Transmitter & Data/Power Splitter

Features

- Transmits HD video over UTP cables
- Compatiable with HD-TVI, HD-CVI and AHD video formats
- Built-in surge protection for video
- A single swith selects the distance range for best performance
- Compact size and easy installation
- Designed for structured wiring applications
- Limited lifetime warranty

Applications

- Upgrading standard analog CCTV installations into HD systems without needing to rewire
- Lowering the cost of CCTV wiring by using UTP cables instead of Coax
- CCTV system for casinos, airports, school campuses, and many more

The Vigitron Vi61000 is an advanced active device that transmits HD video over unshielded twisted pair wires. It is compatiable with HD-TVI, HD-CVI and AHD video formats. The Vi61000 uses Cat 5/6 UTP cables and can provide quality HD video up to 2000 feet (610 m) depending on the video format when it is paired with Vigitron Vi61001 active receiver.

The Vi61000 requires a 12VDC power supply. The Vi61000 is compact in size and very easy to install. It provides a single slide switch for selecting the distance range for best performance. Vigitron's Vi61000 is tested and certified to assure operational specification performance.

The Vi61000 innovative design offers exceptional quality video and system flexibility that makes it ideal for a wide variety of CCTV applications and makes a cost-effective alternative to expensive Coax or fiber optic solutions.

Technical Specification*

Electrical

Video Format	HD-TVI, HD-CVI and AHD
Data	Pass Through
UTP	100 Ohm +/- 20% HD-TVI: 1,200 feet (365m) HD-CVI: 1,300 feet (396m) AHD: 2,000 feet (610m)
Coax	RG59
Power Source	12VDC
Status LEDs	Power: Power On
Connectors	UTP Interface: 2-pin Screw-less terminal blocks Video: 75 Ohm BNC connector Power: Circular power connector

Regulatory

Safety	CE
Environmental	RoHS, WEEE

Environmental

Humidity	0 to 95%, non-condensing
Temperature	Operating: 0°C to +70°C Storage: -40°C to +85°C

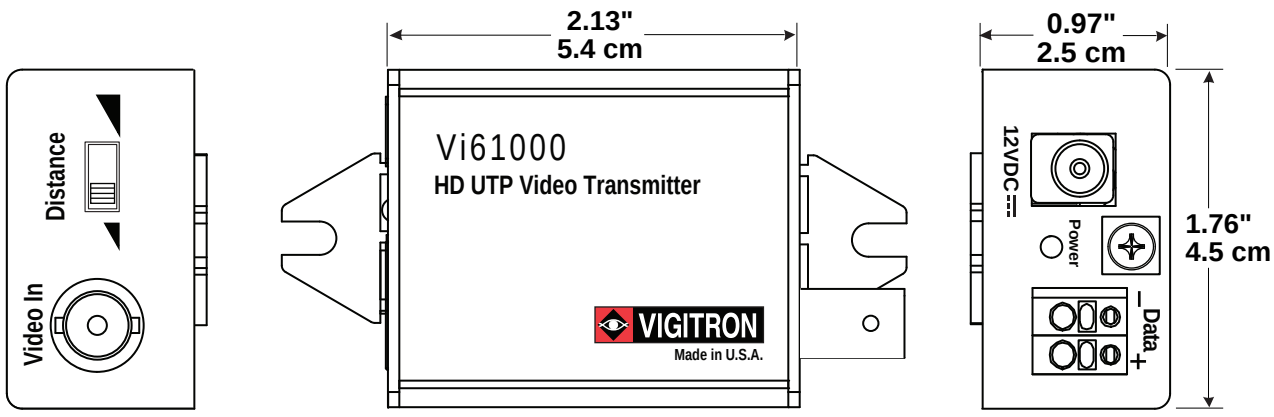
Mechanical

Dimensions	0.97 x 1.76 x 2.15 in., 2.5 x 4.5 x 5.5 cm (HxWxL)
Weight	0.14 lb (63.5 g)
Housing	Aluminum

*Specifications subject to change without notice.

Ordering Information

Part No.	Description
Vi61000	Active HD Video/data/power transmitter
Vi15001	1-port Active HD Video/data/power Receiver
Vi15008	8-port Active HD Video/data/power Receiver
Vi15016	16-port Active HD Video/data/power Receiver



Left View | Top View | Right View

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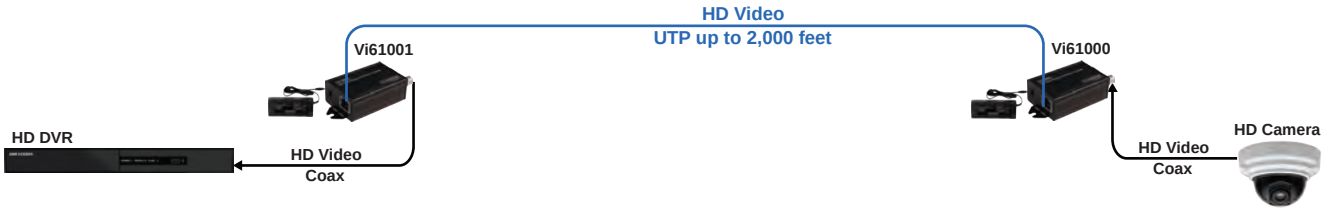
Application Diagrams



The Vi61000 series can provide HD video transmission over UTP at istances up to 2,000 feet depending on the HD video format.

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