

Vi6300VT UTP Video Transmitter & Vi6200VR UTP Video Receiver

The Vigitron Vi6300VT is a UTP video transmitter that is used in conjunction with Vigitron Vi62xx and Vi63xx series active video receivers, delivers high quality color video at distances up to 6,000 ft. (1830 m) over unshielded twisted-pair wires (UTP). The Vi6300VT accepts a 75-ohm coaxial video input from a video source such as a camera and drives a 100-ohm UTP wire.

The Vi6200VR is a UTP video receiver that can reach distances up to 2,000 ft. (960 m) with a passive transmitter and 4,000 ft. (1220 m) using Vi6300VT active receiver. It features Vigitron's Automatic Video Compensation (AVC). The distance is automatically adjusted by an internal microcontroller to provide the best video quality.

These models use Category 2-7 twisted pair wires, and are easy to install and cost effective. They have built-in surge suppression to protect video equipment against damaging voltage spikes. Their cross talk and noise immunity ensures quality video signals with no disturbing "hum-bars".

Vi6300VT Installation Instructions:

1. Connect the GND terminal block with a short 18 AWG wire to the earth ground. Connect the twisted-pair wire, 24 AWG or better, to the connector labeled "UTP". It is important to note which wire color connects to the "+" output terminal.
2. Connect the video receiver unit to the BNC video output of the Vi6300VT.
3. Use either screws or Velcro to mount the enclosure. The Vi6300VT must be mounted in a weather-protected area.
4. Connect wires from 12V DC power supply to the power connector of one Vi6300VT. The DC voltage polarity does not matter.
5. Set the "distance" switch for under or over 3000 feet position.

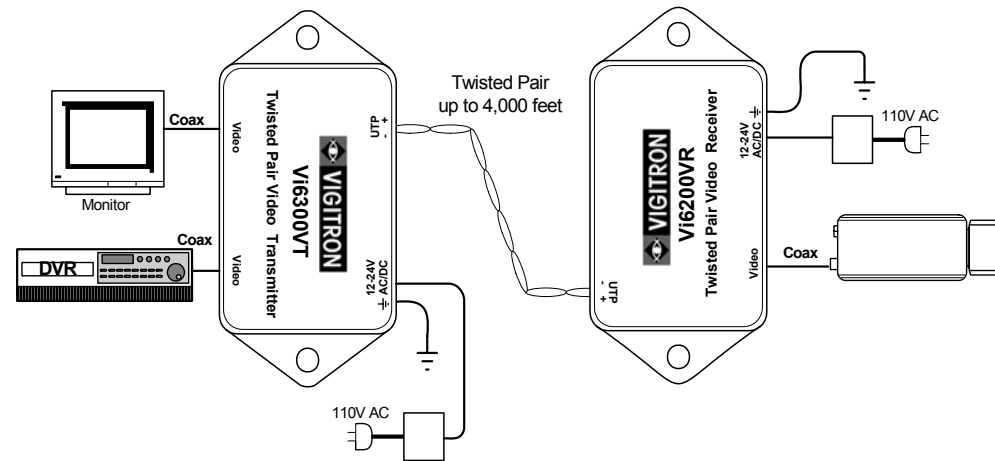
Vi6200VR Installation Instructions:

1. Repeat step 1 to 4 of above to install Vi6200VR.

Helpful tips:

The following tips will help you to get a better result from your Vi6300VT transmitter and Vi6200VR receiver devices:

- Make sure that the GND wire is connected properly before you connect any other wire. This will protect the unit from possible installation errors.
- Make sure the wire is unshielded twisted pair. Untwisted wires may result in interference and noisy picture.
- It is recommended not to use shielded twisted pair wires.
- Make sure each video signal uses conductors from the same twisted pair.
- The Vi6300VT and Vi6200VR devices must be used with point-to-point connection of unshielded twisted pair wires. Any extra branch of twisted pair will cause ghost effect and poor quality video.
- It is recommended not to use more than 25 feet of coax cable between Vi6300VT and the video equipment.
- Make sure that your video receiver device's input is set to 75 ohm.



Wiring Diagram

Limited Lifetime Warranty

Vigitron, Inc. warrants that all Vigitron products ("Product"), if used in accordance with these instructions, will be free of defects in material and workmanship for as long as the original end user purchaser owns the product. At **Vigitron's** option, defective product will be repaired, replaced or substituted with a product of equal value.

This warranty does not apply if, in the judgment of **Vigitron, Inc.**, the Product fails due to damage from shipment, handling, storage, accident, abuse or misuse, or if it has been used or maintained not conforming to Product manual instructions, has been modified, or serial number removed or defaced. Repair by anyone other than **Vigitron, Inc.** or an approved agent will void this warranty. **Vigitron, Inc.** shall not under any circumstances be liable to any person for any incidental, indirect or consequential damages, including damages resulting from use or malfunction of the product, loss of profits or revenues or costs of replacement goods. The maximum liability of **Vigitron, Inc.** under this warranty is limited to the original purchase price of the Product.

Prior to returning any defective Product, the end customer or the reseller from whom the end customer originally purchased the Product must obtain a Return Materials Authorization (RMA) number from **Vigitron, Inc.** All defective Products should be returned to **Vigitron, Inc.** with shipping charges prepaid. No collect shipments will be accepted.



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