

Vi6100VT UTP Video Transmitter & Vi6100VR UTP Video Receiver

The Vigitron Vi6100VR UTP video receiver in conjunction with the Vi6100VT UTP video transmitter delivers high quality color video at distances up to 6000 feet using twisted-pair wire. It also can be used with Vigitron passive transceivers for distances up to 3000 feet. Quality black and white video signals are obtainable at longer distances. The Vi6100VR is compatible with virtually all cameras with built-in transmitters.

The Vi6100VT accepts a 75-ohm coaxial video input from a video source such as cameras drives a 100-ohm twisted-pair cable. While The Vi6100VR accepts video signal from twisted-pair wire and drives a 75-ohm coaxial cable to video receivers such as monitors, DVRs, and multiplexers. They require 12-24V DC/AC power supplies.

Vi6100VT 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 Vi6100VT.
3. Use either screws or Velcro to mount the enclosure. The Vi6100VT must be mounted in a weather-protected area.
4. Connect wires from 12V DC power supply to the power connector of one Vi6100VT. The DC voltage polarity does not matter.
5. Set the "distance" switch for under or over 3000 feet position.

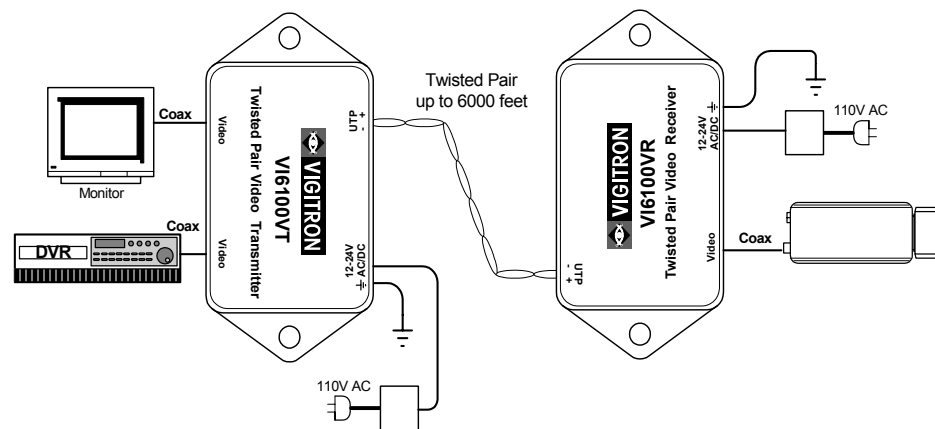
Vi6100VR Installation Instructions:

1. Repeat step 1 to 4 of above to install Vi6100VR.
2. Adjust the distance potentiometer of Vi6100VR for best image quality.
3. Adjust the distance potentiometer of Vi6100VR for best image quality.

Helpful tips:

The following tips will help you to get a better result from your Vi6100VT transmitter and Vi6100VR 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 Vi6100VT and Vi6100VR 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 Vi6100VTor Vi6100VR devices and video equipment.
- Make sure that your video monitor 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.



VIGITRON, Inc.
7810 Trade Street, Suite 100
San Diego, CA 92121
U.S.A.
Phone: (858) 484-5209
Fax: (858) 484-1205