

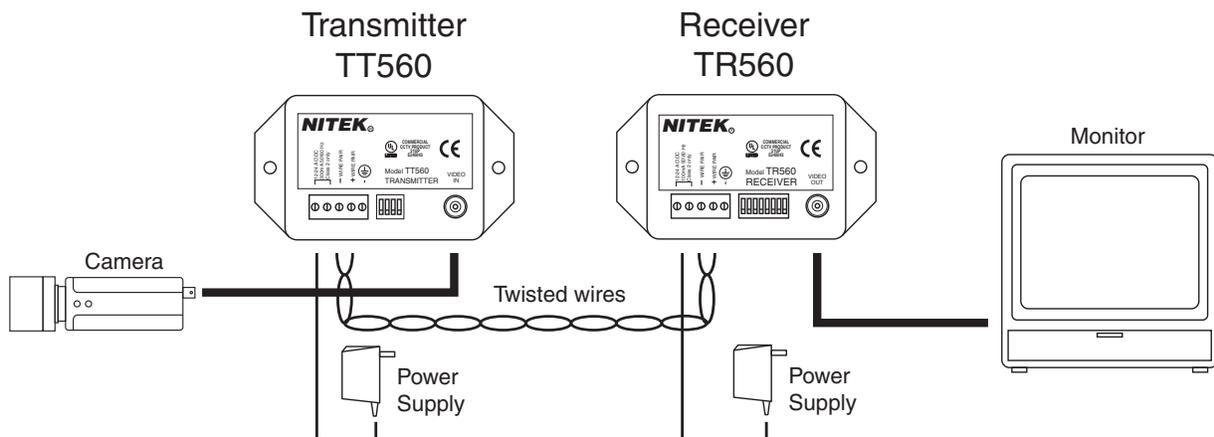
Description

The **TT560** is designed for operation over Category rated cable or twisted pair communication cable and requires a Nitek active receiver unit. The unit works equally well over existing communication and computer networks or newly installed cable. A highly balanced transmitter output design assures that the system will not interfere with other equipment on the network. In addition, the transmitter is virtually impervious to ground loop and has high immunity to noise and interference. Built-in surge suppression is standard.

A dip switch on the unit provides precise adjustment of gain and frequency compensation, allowing the system to be "fine-tuned" to the cable.

Features

- Active electronics compensate for frequency and level loss
- Built-in protection from power surges, transients, static or other electrical interference
- High resolution color or monochrome video
- Immunity to ground loop; video and AC can be run in a common raceway, where allowed
- Video can be run in the same cable with telephone and computer signals
- Weather resistant design
- Easy to install



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TECHNICAL SPECIFICATION

Transmitter Unit

| | |
|--|---|
| Size | 1.6" H x 4.3" W x 2.4" D |
| Power Requirements | 12 to 24 VAC or VDC, 300mA |
| Operating Distance w/TR560 Receiver | |
| Analog Video | 500 to 7,200 feet |
| with DVR | 500 to 6,000 feet |
| Output | Balanced low voltage current loop |
| Input | 1 Vpp composite video Monochrome or Color |
| Common Mode Rejection | >70dB (with TR560 Receiver) |
| Video Format | PAL, SECAM, NTSC, RS170, CCIR (Color or B/W) |
| Operating Frequency | DC to 10 MHz |
| Wire Size | 26 to 18 AWG twisted pair |
| UTP Category | 2 or better |
| Temperature Range | -20°C to +65°C |
| Humidity Range | 0 to 98%, non-condensing |
| Enclosure Material | Black, ABC flame retardant plastic |
| Twisted Pair Connection | Screw terminals |
| Shipping Weight | 2 lbs |

Wire and Cable Recommendations

We recommend using unshielded twisted pair wiring. The systems will operate over wire 26 to 18 AWG but are optimized for 24 AWG. Category cables may be used. Individually shielded pairs should be avoided, as they drastically reduce the operating range of the systems. Multi-pair cable with an overall shield is acceptable. Video can be operated in the same communication cable coexistent with telephone, computer, control signals, power voltages and other video signals. While video may be routed through telephone punch down block terminals, any bridge-taps, also called T-taps and any resistive, capacitive or inductive devices MUST BE removed from the pair.