



Part of GE Security

UTP Transmission Products Single-Channel Transmitters and Receivers

Overview

Featuring GE Security's Automatic Video Compensation (AVC) technology, the GEC-1AVR-AVC-4 is a single active receiver that delivers exceptional video quality that's easy to install. AVC incorporates a sophisticated microprocessor controlled analog circuit that continuously analyzes incoming video signal and compensates for cable attenuation independent of video signal content. The result is high-resolution video over unshielded twisted pair wires at distances up to 4,000 ft. when used with the GEC-1AVT Active Transmitter. The unit can also be used with any GE Passive Transceivers for distances up to 2,000 feet.

Additionally, the GE GEC-1AVT is an advanced active device that transmits high-resolution video over unshielded twisted pair wires. The Vi6300VT uses Category 2-7 UTP wire at distances up to 6,000 feet and can be paired with any GE Security long-range active receiver.

Standard Features

- Automatic Video Compensation (AVC) technology delivers high quality video without adjustment
- Up to 6,000 feet transmission range
- NTSC, PAL and SECAM compatibility for optimum flexibility
- 70dB crosstalk and noise immunity for bundling with data, audio and other signals
- Group loop immunity
- Limited lifetime warranty
- Surge protection protects connected video equipment
- Screwless connectors for quick installation
- Includes wall mount 12 VDC power supply to save time and money

Single-Channel Active UTP Transmitters and Receivers



GEC-1AVT



GEC-1AVR-AVC-4





Part of GE Security

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gesecurity.com/ifs

Specifications subject to
change without notice.

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Included Accessories

GEC-1AVT	Mounting screws, 12VDC power supply
GEC-1AVR-AVC-4	Mounting screws, 12VDC power supply

Ordering Information

GEC-1AVT	Active Video Transceiver, 6,000 feet/1,830m max.
GEC-1AVR-AVC-4	Active Receiver w/ Automatic Video Compensation (AVC), 4,000 feet/1,220m max.

Agency Compliances

- CE
- UL/cUL
- C-Tick (models with built-in power supply only)
- WEEE



Specifications

Video Format	NTSC, PAL, SECAM
Frequency	20 to 6 MHz
Coax	75 Ohm
Twisted Pair	100 Ohm +/- 20%, 24 AWG minimum, unshielded Category 2-7
CMRR	70 dB
Power Indicator	Red LED
UTP Connector	Screw-less Terminal blocks
Video Connector	BNC
Power Connector	Screw-less Terminal blocks
Power Supply	External 12VDC or 24VDC
Humidity	0 to 95%, non-condensing
Operating Temperature	-10°C to +50°C
Storage Temperature	-30°C to +70°C
Material	ABS plastic, UL rating of 94V-0

Single-Channel UTP Active Transmitters and Receiver Comparisons

GE SKU	GEC-1AVT	GEC-1AVR-AVC-4
GE Description		
Height	1.0" (2.5 cm)	1.0" (2.5 cm)
Width	2.9" (7.1 cm)	2.9" (7.1 cm)
Depth	1.6" (4.1 cm)	1.6" (4.1 cm)
Weight	.1 lb (44 g)	.12 lb (54 g)

Application Diagrams

