



Overview

GE's Active UTP Transmitter and Receiver, featuring Automatic Video Compression (AVC) technology, is now IFS. With leading edge technology, the Active UTP Transmitter and Receiver modules deliver exceptional video quality over UTP.

The receiver's built-in microprocessor-controlled analog circuit continuously analyzes incoming video signals and automatically compensates for cable attenuation, independent of the video signal. This technology maximizes video response, eliminates in-field adjustments and achieves transmission distances of up to 4,000 feet when used with the IFS Active Receiver or any VTP-AR4 Series Active Receiver. The Active Receiver also comes equipped with two BNC outputs so that video can be easily directed to both a monitor and DVR.

The modules also incorporate ground loop isolation, built-in surge protection and provide 70db noise immunity to reduce the possibility of crosstalk when used with multi-pair cabling.

Need Greater Distance?

- The IFS GEC-1AVT transmitter can be used with any IFS VTP-AR6 Active Receiver for distances up to 6,000 ft.

VTP-1A Series Single-channel Active UTP Transmitter and Receiver

Standard Features

Video

- NTSC, PAL and SECAM compatible
- AVC technology for high quality video
- 70dB crosstalk and noise immunity
- Compatible with cameras with built-in passive UTP transmitters

Design

- Plug-n-play installation
- Quick screwless connectors
- Dual video output on receiver
- Ground loop isolation and surge protection
- 12VDC – 24VAC external power required

Distance

- Up to 4,000 ft. transmission with active transmitter (See overview for configurations allowing greater distances)

Warranty

- Comprehensive Lifetime Warranty



GEC-1AVT



GEC-1AVR-AVC-4

North America
 T 888-437-3287
 F 503-691-7566
 E sales@ifs.com

Asia
 T 852-2907-8108
 F 852-2142-5063

Australia and New Zealand
 T 613-9239-1200
 F 613-9239-1299

Europe
 T 32-2-725-11-20
 F 32-2-721-40-47

Latin America
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 F 561-994-6572

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Specifications subject to
 change without notice.

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 Farmington, CT 06034-4065

Ordering Information

GEC-1AVT	Active Video Transmitter
GEC-1AVR-AVC-4	Active Receiver with Automatic Video Compensation (AVC)

Note: Power supplies must be purchased
 separately.

Agency Compliances

- CE
- UL/cUL
- C-Tick
- WEEE



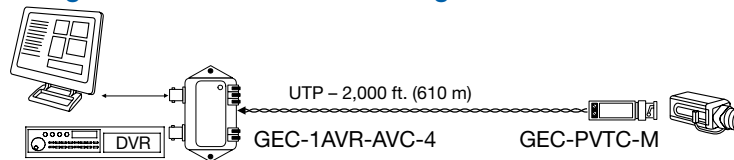
Specifications

Video	
Video Format	NTSC, PAL, SECAM
Video Input	1V p-p
Frequency	20 Hz to 6 MHz
CMRR	70 dB
Cable	
Coax	75 Ohm
Twisted Pair	100 Ohm +/- 20%, 24 AWG minimum, unshielded Category 2-6
Connectors	
Video Connector	BNC
UTP Connector	Screwless terminal blocks
Electrical & Mechanical	
Power Input	12VDC or 24VAC
Power Indicator	Red LED
Transient Suppression*	6000V
Enclosure	ABS plastic, UL rating of 94V-0
Dimensions (in/cm) (HxWxD)	1.0 x 2.9 x 1.6 in. (2.5 x 7.1 x 4.1 cm)
Weight	.11lb/44g (GEC-1AVT) .12lb/54g (GEC-1AVR-AVC-4)
Environmental	
Operating Temperature	-10°C to +50°C
Storage Temperature	-30°C to +70°C
Humidity	0 to 95%, non-condensing

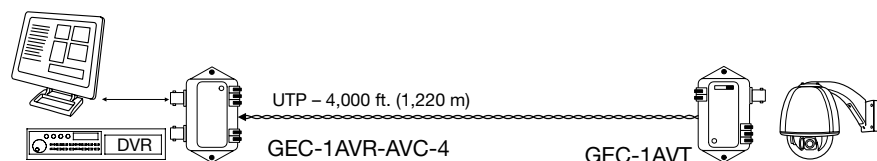
*Includes differential surge protection (Line-to-Line suppression) and common surge protection (Line-to-Ground suppression)

Typical Applications

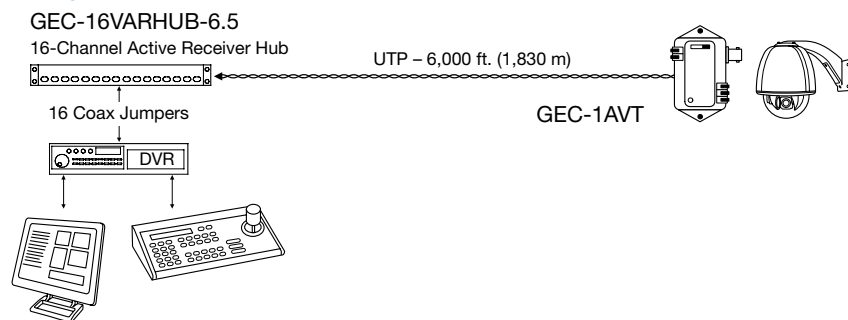
Single Passive Transmitter to Single Active Receiver



Single Active Transmitter to Single Active Receiver



Single Active Transmitter to Active Receiver Hub



Security Products by GE are now part of the UTC Fire & Security family



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