



## Product Data Sheet

# GEC-16VPHUB

## Multi-Channel UTP Passive Transceiver Hubs

### Overview

UTC FS' Multi-Channel Passive UTP Transceiver HUBs are designed to effectively transport video signals over unshielded twisted pair wires, point-to-point, for distances up to 750 feet (228 m). For further distances, up to 3,000 feet (915 m), GE Security's active UTP receivers can be used with these units for reliable performance. Compatible with cameras with built-in UTP transmitters, these multi-channel hubs can accommodate multiple applications. In addition, these units support "up-the-coax" requirements to accommodate video and bi-directional PTZ signals. The UTP connection is supported by the standard detachable terminal block or EIA/TIA 568B compliant RJ-45 adaptors which are included.



### Standard Features

- Up to 3,000 feet (915 m) transmission range
- NTSC, PAL and SECAM compatibility for optimum flexibility
- Supports "up-the-coax" type signals to carry video and bidirectional PTZ signals
- Compact size and no power required for easy installation
- 60dB crosstalk and noise immunity (CTaNI) for bundling with data, audio and other signals
- Compatible with cameras featuring UTP transmitters for flexible application
- 1U high wall or rack mountable requires less CCTV rack space
- Surge protection protects connected video equipment
- Includes 8, 16 or 32 coax jumper cables to save time and money. Excludes 4 channel model.

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### Specifications

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#### Video

- Channel: 16
- Conditioning: 0.7 to 1.4 V p-p video accepted
- Frequency: DC to 10 MHz
- Format: PAL, SECAM, NTSC
- Twisted Pair: 100 Ohms +/- 20%, 24 AWG minimum, unshielded Category 2-7
- Coax Impedance: 75 Ohm
- Insertion Loss: 0.3 dB
- CTaNI/CMRR: 60 dB
- Surge Protection: built-in

#### Connectors

- Power: No power required
- Video Connector: BNC
- UTP Connector: Terminal blocks with RJ-45 adapter option
- Included Jumper Cables 8

#### Miscellaneous

- Operating Temperature: -10°C to +50°C
- Storage Temperature: -30°C to +70°C
- Relative humidity: 0 to 95%, non-condensing
- Dimensions (W x H x D): 457 x 42 x 47 mm
- Weight: 788 gr
- Material: Extruded Aluminum
- Mounting Brackets: Includes integrated rackmounts

### Diagram

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### Ordering Information

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#### GEC-16VPHUB

16-CH Passive HUB, w/ Surge Protection, 1U, Up-the-Coax,  
60dB CTaNI, RJ-45 and Screw Terminal Block

