

HUTP653T

ACTIVE UTP VIDEO TRANSMITTER

The Honeywell HUTP653T video transmitter is an active (amplified) device that allows the transmission of real-time color video up to one mile (1.6 km) using Category-2 or 3 unshielded twisted pair (UTP) telephone wire, or up to 1.5 miles (2.4 km) (NTSC) using Category-5 or better cable.

The unparalleled interference rejection and low emissions of the HUTP653T allow long run video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This enables the use of shared or existing cable.

Ground-lifting ensures no annoying hum-bars when ground potential differences exist. With built-in transient protection, damaging voltage spike problems are eliminated. The built-in 3-position switch compensates for distances between 3000 and 8000 ft.

Market Opportunities

The HUTP653T active UTP video transmitter is an ideal solution for transmitting video signals at distances greater than 3000 ft and up to 8000 ft with another Honeywell active video receiver.

UTP transmission is ideally suited for markets such as gaming, retail and education. The HUTP653T can be used for new installations or can leverage existing UTP cable.

Features

- Full-motion CCTV video at distances up to 8000 ft (2.4 km) when used with any active Honeywell receiver
 - 5280 ft (1.6 km) when used with Cat-2 or 3 wire
 - 8000 ft (2.4 km) NTSC when used with Cat-5 wire
- Exceptional interference rejection
- Built-in transient protection and ground lifting
- Built-in 3-position switch; blue power LED, green active LED
- One floating power supply may power multiple HUTP652R receivers



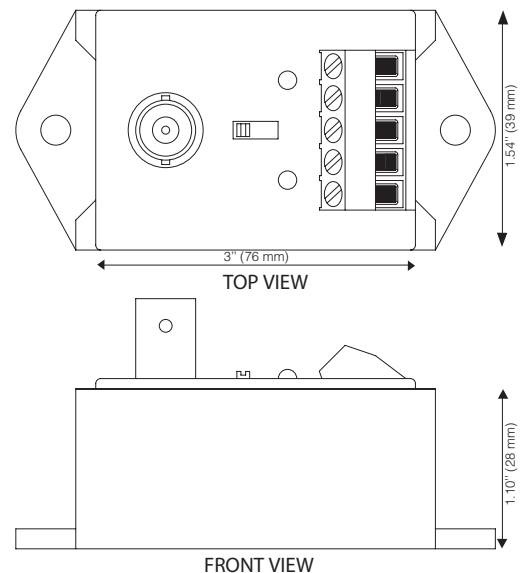
HUTP653T

www.honeywellvideo.com

SPECIFICATIONS

Video	
Frequency response	DC to 5 MHz
Distance settings	3-position switch
Common-mode / Differential-mode rejection	60 dB type
Impedance	Coax, female BNC 75 Ohms UTP, Terminal Block 100 Ohms
Wire Type	
Network Wiring	One Unshielded Twisted Pair 24-16 AWG (0.5-1.31 mm)
Category Type	2 or better
Impedance	100 ± 20 Ohms
DC Loop Resistance (24 AWG)	52 Ohms per 1000 ft (18 Ohms per 100m)
Differential Capacitance	19 pF/ft max (62 pF/m max)
Wire Length	3000 ft to 8000 ft with an active receiver.
Environmental	
Temperature	32° F to 122° F (0° C to +50° C)
Relative Humidity	0 to 95% (non-condensing)
Transient Immunity	Per ANSI / IEEE 587 C62.41
Mechanical	
Dimensions (excluding connectors)	3.00" x 1.54" x 1.10" (76 mm x 39 mm x 28 mm)
Weight	4.0 oz (100 g)
Construction	Housing: ABS Finish: Black
LED Indicators	Blue: Power-On Green: Active signal present
Mounting	Two 0.175" (4.4 mm) diameter holes 2.5" (63.5 mm) apart

Accessories			
Transformers			
HPT2420	24VAC, 20 VA Class 2 plug-in with thermal cut-out		
HPT12DC500	12 VDC, 500 mA plug-in regulated 2.1 mm coaxial plug UL Listed/CSA Certified		
Power Supplies			
UL Listed	Fused	Smart Fused	Description
HPTV2404UL	HPTV2404	HPTV2404CB	4 A, 4 output
HPTV2406UL	HPTV2406	HPTV2408CB	4 A, 8 output
HPTV2416UL	HPTV2416	HPTV2416CB	4 A, 16 output



Ordering	
HUTP653T	Single channel active UPT transmitter

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security & Data Collection

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