

## HUTP413A

### 4-CHANNEL PASSIVE UTP VIDEO TRANSCEIVER

The Honeywell HUTP413A 4-channel video transceiver is a passive (non-amplified) device that allows the transmission of real-time monochrome or color video over unshielded twisted pair (UTP) telephone wire. Baseband (composite) signals of any type are supported.

Up-the-coax type signals can be sent over the same wire pair. Used as a receiver, the HUTP413A is fully compatible with qualified cameras that are equipped with the Honeywell twisted-pair output.

The unparalleled interference rejection and low emissions of the HUTP413A allow video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This enables the use of a shared or existing cable. With built-in transient protection, damaging voltage spike problems are eliminated.

#### Market Opportunities

The HUTP413A passive UTP video transceiver is an ideal solution for transmission or reception of video signals up to distances of 750 ft (225m) to another Honeywell passive video transceiver, or at distances up to 3000 ft (914m) to a Honeywell active video receiver. The HUTP413A transceiver is utilized to collect signals from four cameras via UTP.

UTP transmission is ideally suited for markets such as gaming, retail and education. The HUTP413A can be used for new installations or can leverage existing UTP cable.

#### Features

- Four passive transceiver channels in one product
- Full-motion CCTV video at distances up to 750 ft (225m) when used with a passive Honeywell transceiver or hub up to 3000 ft (1km) with an active receiver or hub
- Supports up-the-coax type control
- No power required
- Exceptional interference rejection
- Built-in transient protection
- Compatible with qualified UTP cameras



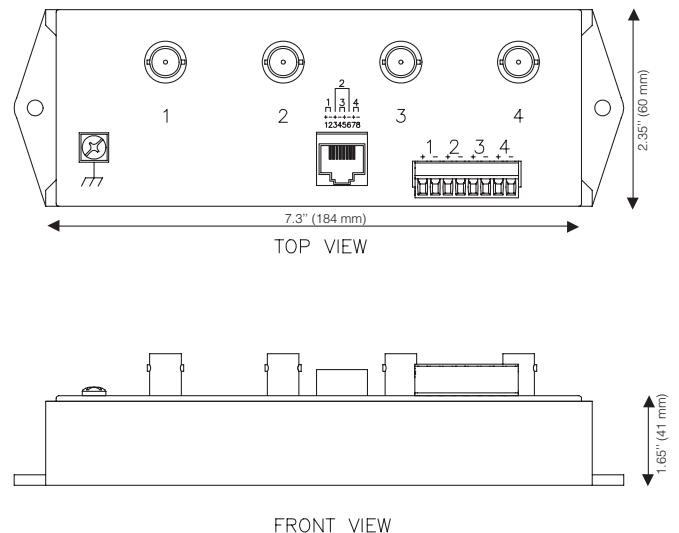
# HUTP413A

www.honeywellvideo.com

## SPECIFICATIONS

Video	
Frequency response	DC to 5 MHz
Attenuation	0.5 dB type
Common-mode / Differential-mode rejection (15 KHz to 5 MHz)	60 dB type
Impedance	Coax, female BNC 75 ohms UTP, Block or RJ-45 100 Ohms
Wire Type	
Network Wiring	One unshielded twisted pair (for each video signal) 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	As a transmitter: - Up to 750 ft with passive transceiver or hub. - Up to 3000 ft with active receiver or distribution amplifier.  As a receiver: - Up to 750 ft

Environmental	
Temperature	-4°F to +167°F (-20°C to +75°C)
Relative Humidity	0 to 95% (non-condensing)
Transient Immunity	Per ANSI / IEEE 587 C62.41
Mechanical	
Dimensions (excluding connector)	7.3" x 2.35" x 1.65" (184 mm x 60 mm x 41 mm)
Weight	12.0 oz (340g)
Construction	Housing: ABS Finish: Black
Mounting	Two 0.175" (4.4 mm) diameter holes 6.75" (171.5 mm) apart



Ordering	
HUTP413A	4 channel passive UTP transceiver

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

### Honeywell Security

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