

## HUTP13A Series

### MULTI-CHANNEL UTP PASSIVE TRANSCEIVER VIDEO HUBS

The Honeywell HUTP813A, HUTP1613A, and HUTP3213A are 8, 16 and 32-port passive transceiver hubs that allow transmission of real-time monochrome or color video over unshielded twisted pair (UTP) telephone wire. Baseband (composite) signals of any type are supported.

The unparalleled interference rejection ability of the HUTP813A, HUTP1613A, and HUTP3213A hubs enable video signals to co-exist in the same wire bundle as telephone, datacom, or low-voltage power circuits. Up-the-coax type signal may be sent over the same wire pair at distances up to 750 ft (225m).

#### Market Opportunities

The HUTP813A, HUTP1613A, and HUTP3213A UTP passive video transceiver hubs are ideal solutions for transmission of video signals up to distances of 3000 ft (914m).

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

For high density applications, where multiple camera feeds are collected at a central location, the HUTP813A, HUTP1613A, and HUTP3213A hubs are rack mounted for 8, 16, and 32 different cameras respectively, and require no power to operate.

#### Features

- Use with any Honeywell passive transceiver or hub as a rack-mountable passive transceiver at distances up to 750 ft (225 m)
- Use with any Honeywell active receiver or hub as a rack-mountable passive transmitter for distances up to 3000 ft (1 km)
- High-density 19" 1U high enclosure features 8 ports (HUTP813A), 16 ports (HUTP1613A) or 32 ports (HUTP3213A)
- Compatible with qualified UTP cameras
- No power required
- Built-in transient protection
- Supports up-the coax type control
- Includes 8, 16 or 32 2-foot (60 cm) coax jumper cables



HUTP813A



HUTP1613A



HUTP3213A

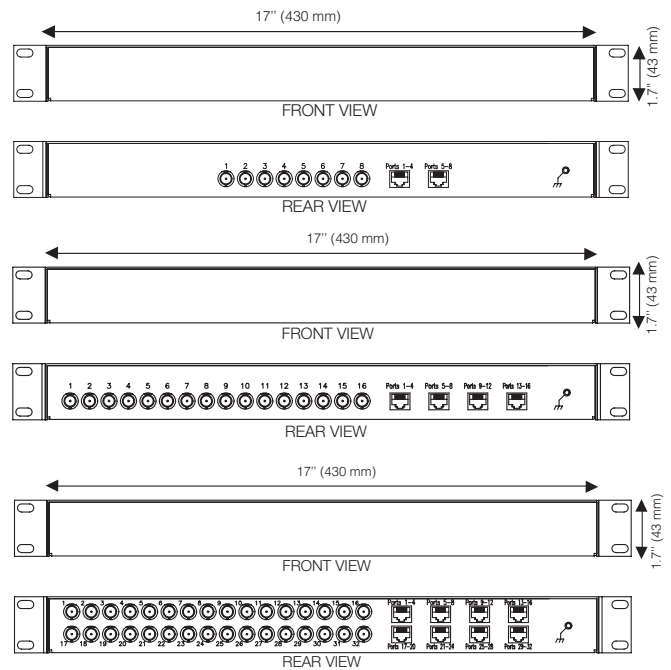
# HUTP13A Series

www.honeywellvideo.com

## SPECIFICATIONS

Video	
Frequency response	DC to 5 MHz
Attenuation	.5 dB max
Common-mode / Differential-mode rejection (15 KHz to 5 MHz)	60 dB type
Impedance	Coax, female BNC 75 Ohms UTP, Screw 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	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	32° to 122° F (-20° to +75°C)
Relative Humidity	0 to 95% (non-condensing)
Transient Immunity	Per ANSI / IEEE 587 C62.41
Mechanical	
Dimensions (excluding connectors)	17" x 1.7" x 8.125" (430 mm x 43 mm 206 mm)
Weight	HUTP813A: 5 lb (2.2 kg) HUTP1613A: 4.2 lb (1.9 kg) HUTP3213A: 6.6 lb (3.0 kg)
Accessories	
Mounting (included)	Rack mounting: "L" brackets for front, rear, or wall installations Desk mounting: rubber feet
Cables (included)	8, 16, or 32 ft (60 cm) coax jumpers and one 7ft (2m) ground wire (product dependent)



Ordering	
HUTP813A	8 channel passive transceiver
HUTP1613A	16 channel passive transceiver
HUTP3213A	32 channel passive transceiver

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

### Honeywell Security

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