

## HUTP62R Series

### MULTI-CHANNEL UTP ACTIVE VIDEO RECEIVER HUBS

The Honeywell HUTP862R, HUTP1662R, and HUTP3262R are 8, 16 and 32-port active receiver 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 and low emissions of the HUTP862R, HUTP1662R, and HUTP3262R 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 sharpness and brightness controls compensate for cable loss.

#### Market Opportunities

The HUTP862R, HUTP1662R and HUTP3262R UTP active video receiver hubs are an ideal solution for receiving video signals at distances greater than 750 ft (225m) and up to 3000 ft (914m) with another Honeywell passive video transceivers, or at distances up to 8000 ft (2438m) from the HUTP653T Honeywell active video transmitter.

UTP transmission is ideally suited for the several different markets (e.g., gaming, retail, education, etc.). 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 HUTP862R, HUTP1662R, and HUTP3262R hubs are rack mounted for 8, 16, and 32 different cameras respectively.

#### Features

- Full-motion CCTV video at distances up to 3000 ft (1km) when used with any passive Honeywell transceiver
  - 5280 ft (1.6 km) when used with HUTP653T transmitter and Cat-2 or 3 wire
  - 8000 ft (2.4 km) NTSC when used with HUTP653T and Cat-5 wire
- Built-in transient protection and ground lifting
- HUTP862R and HUTP1662R feature a built in distribution amplifier and multiple outputs per channel
  - 4 outputs per channel on the HUTP862R and 2 outputs per channel on the HUTP1662R
- Built-in brightness and sharpness controls; blue power LED, green active LED
- Compatible with qualified UTP cameras rack-mountable 1U high enclosure
- Best choice for DVR and high resolution applications over 750 ft (225m)
- Exceptional interference rejection



HUTP62R



HUTP1662R



HUTP3262R

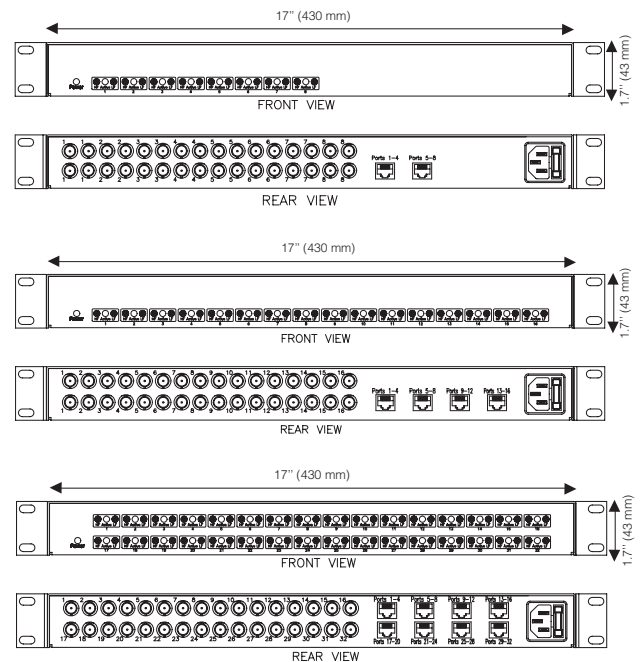
# HUTP62R Series

www.honeywellvideo.com

## SPECIFICATIONS

Video	
Frequency response	DC to 5 MHz
Adjustable Brightness & Sharpness Controls	Infinitely adjustable high and low frequency trim pots
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	750 ft to 3000 ft when receiving from a passive transmitter. 3000 ft to 8000 ft when receiving from an active transmitter.
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)	17" x 1.7" x 8.125" (430 mm x 43 mm 206 mm)
Weight	HUTP862R: 4.8 lb (2.2 kg) HUTP1662R: 5.5 lb (2.5 kg) HUTP3262R: 8.0 lb (3.6 kg)
Construction	Housing: Aluminum or Steel Finish: Textured Paint
LED Indicators	Blue "Power-On"; Green "Active" signal present
Accessories	
Mounting (included)	Rack mounting: "L" brackets for front, rear, or wall installations Desk applications: rubber feet
Cables (included)	8, 16, or 32 ft (60 cm) coax jumpers and one 7ft (2m) ground wire (product dependent)



Ordering	
HUTP862R	8 channel active distribution amplifier
HUTP1662R	16 channel active distribution amplifier
HUTP3262R	32 channel active distribution amplifier

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

### Honeywell Security

Honeywell Video Systems  
2700 Blankenbaker Pkwy, Suite 150  
Louisville, KY 40299  
1.800.796.CCTV  
www.honeywell.com

L/HUTP62R/D  
January 2008  
© 2008 Honeywell International Inc.

# Honeywell