

HVB16TPTX

UNSHIELDED TWISTED PAIR VIDEO TRANSMITTER

Unshielded twisted pair (UTP) cabling is a proven installation media for transmitting many communication protocols including voice, data, CCTV video and control. Unshielded twisted pair video systems provide better interference rejection than coax cabling, are generally less expensive than dedicated coax or fiber and are very easy to install and reconfigure. Honeywell now offers a UTP-based video transmitter solution to help our customers keep their more complex video matrix systems running optimally.

Honeywell's HVB16TPTX UTP transmitter module accepts conventional BNC signals from cameras and converts them to UTP outputs. The UTP transmitter has the capacity for 16 video channels connected via BNC inputs with four RJ45 outputs (4 video outputs each for TP cabling). A switch for each of the video channels allows for selection of short distances (1,500 feet / 500 meters) or long distances (3,000 feet / 1,000 meters), suitable for most video matrix applications.

Fabricated from durable, stainless steel, and manufactured from the highest quality components, these modules provide near broadcast quality video with minimal signal degradation. Honeywell's HVB16TPTX UTP module provides a sophisticated look, improved grounding and is easily mountable in any standard 19" rack.

As a leading designer and manufacturer of security industry solutions, Honeywell will continue to innovate and produce leading edge video security system solutions featuring unsurpassed performance backed up by excellent customer support.

Features

- Quality video over standard unshielded twisted pair cabling
- Sixteen channels with BNC inputs to four RJ45 twisted pair outputs
- Cable runs up to 3,000 feet / 1,000 meters
- Adjustable switch selections for gain and equalization
- High immunity to noise and interference
- LED's to indicate video presence
- Compact design – only 1 Rack Unit high
- Stainless steel finish



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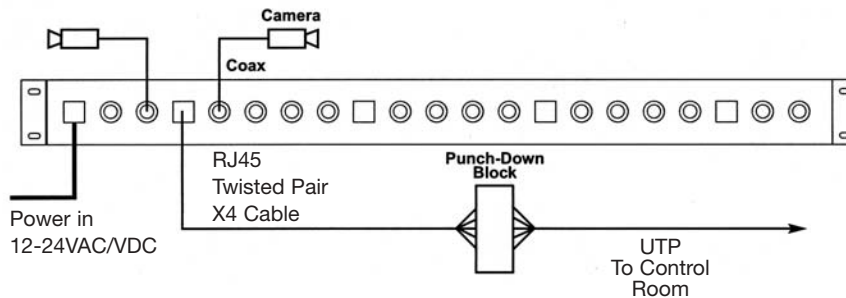
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SPECIFICATIONS:

| UTP Video Operational | |
|----------------------------------|---|
| Useful Cable Distance: | 10 - 1000 meters or 30 - 3000 feet |
| Frequency Compensation: | Switchable for cable lengths >500M |
| Cable Type: | Usage CAT4, CAT5 or CAT6 |
| Input impedance: | 100 ohms |
| Method: | Active electronic balanced |
| Bandwidth: | 5Hz to 5MHz -3db |
| Differential: | Gain Error 0.5% |
| Differential Phase Error: | 0.02% |
| Distortion: | <72db @5MHz |
| Supply Voltage: | 12-24VAC/VDC |
| Power Consumption: | 2 watts |
| Connection Style: | Balanced video out via RJ45 Direct in video via BNC |
| Rack Height: | 1U (1.75") |
| Operating Temperature: | 0° to 40° C |

HVB16TPTX system diagram



| Ordering | |
|----------------------|--|
| HVB16TPTX | 16 Channel UTP Video Transmitter, no power supply |
| HVB16TPTX-KT | 16 Channel UTP Video Transmitter and US power supply |
| HVB16TPTX-KTX | 16 Channel UTP Video Transmitter and EU power supply |

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

Honeywell Security

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