



Transmitter View



Receiver View

RTI Control System



VXT-UTx

HDBaseT™ Class C Video Transmitter

The VXT-UTx HDBaseT Transmitter delivers visually lossless HDMI 1080p video signal over a single Cat5e/6/7 cable up to 492ft (150m) and a 4K signal up to 328ft (100m) to the VXT-URx HDBaseT Receiver using Display Stream Compression. The VXT-UTx powers the VXT-URx through the Category cable using PoH (Power over HDBaseT). It also transmits an IR or RS232 signal through the same cable to control the remote display or projector.

VXT-URx

HDBaseT Class C Video Receiver

The VXT-URx HDBaseT Receiver receives visually lossless HDMI video signal over a single Cat5e/6/7 cable from a VXT-UTx HDBaseT Transmitter or from a VHU-8x HDBaseT Matrix Switcher using Display Stream Compression. The VXT-URx is powered through the connected Category cable using PoH (Power over HDBaseT). It also receives an IR or RS232 control signal through the same cable and delivers it to the connected display or projector.

Key Features

- Extends HDMI video 1080p up to 492ft (150m) and 4K up to 328ft (100m) over a single Cat5e cable or greater
- Supports HDR and 4K@60Hz 4:4:4 and 1080p@60Hz, 3D
- HDMI-CEC Bi-Directional Control
- Bi-Directional IR Control
- Serial RS232 via 3.5mm
- Power supply included (transmitter)
- PoH Power over HDBaseT (receiver)
- Wall mountable (brackets sold separately)
- HDCP 2.2 compliant
- Automatic EDID support
- Low Profile
- Full HDMI Audio support
- ARC (Audio Return Channel), enabling audio from the TV to be returned to the remote location with just the HDMI cable
- Ethernet 10/100 Connection
- Audio return via Analogue or Toslink (Mini-toslink adapter not included)
- DSC support - for HDR and 4K/60 4:4:4 over HDBaseT link
- Set Includes: VXT-UTx Transmitter | VXT-URx PoH Receiver
Power Supply | Infrared Blaster Cable Pack | Installation Guide

NOTE: The VXT-URx receiver is NOT available separately.

Specifications

Power Supply 1 x 48V @ 0.5A (Transmitter only), Receiver is powered
 via Power over HDBaseT (PoH) from Transmitter
 Power Consumption Transmitter: 7.3W / Receiver: 8W
 Wall Mountable Yes - brackets sold separately
 Dimensions HxWxD..... 0.51in(13mm) x 5.82in(148mm) x 4.13in(105mm) each
 Weight 0.35 lbs (160g) each
 Operating Temperature 0 to +35°C (+32 to +95°F)
 Operating Humidity 20 to 90% RH Non-condensing
 Transmitter Video Input One HDMI
 Transmitter Video Output One HDBaseT Class C + DSC (PoH) (RJ45)
 Receiver Video Input One HDBaseT Class C + DSC (PoH) (RJ45)
 Receiver Video Output One HDMI
 HDBaseT Transmission Distance 1080P@60Hz ≤492ft (150m)
 4K@60Hz ≤328ft (100m)
 ARC (Audio Return Channel) Yes
 DSC (Display Stream Compression) Yes
 Ethernet Pass-through Yes
 HDBaseT Recommended Cable Cat5e or greater
 Color Supported 4K: 12bit, 1080p: 12bit
 Color Depth Up to 36bit (3x 12bit)
 TMDS Clock Speed 600Mhz
 Max Bandwidth 18Gbps
 Compliance HDCP 1.4 and HDCP 2.2
 PoH PoH (Power over HDBaseT) Transmitter to Receiver
 RS-232 Control..... One Bi-Directional , 3.5mm jack
 Infrared Control..... One IR In, One IR Out, 3.5mm jacks
 CEC Control Full
 Warranty.....Three Years (Parts & Labor)

All Specifications subject to change without notice.

RTI User Interfaces

Remote Controls
 Keypads
 Audio Control Keypads
 In-Wall Touchpanels
 Tabletop Touchpanels
 Mobile Apps



RTI Control Accessories

Control Processors
 System Kits
 RS-232 Modules
 IR Modules
 Relay Modules
 Z-Wave Modules



RTI Audio/Video Distribution

HDMI Splitters & Switchers
 HDMI Matrix Switchers
 HDBaseT Matrix Switchers
 HDBaseT Extenders
 Presentation Switchers
 Video over IP Transceivers



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