

VEX-E1501R

UHD+ HDMI over HDBaseT Receiver

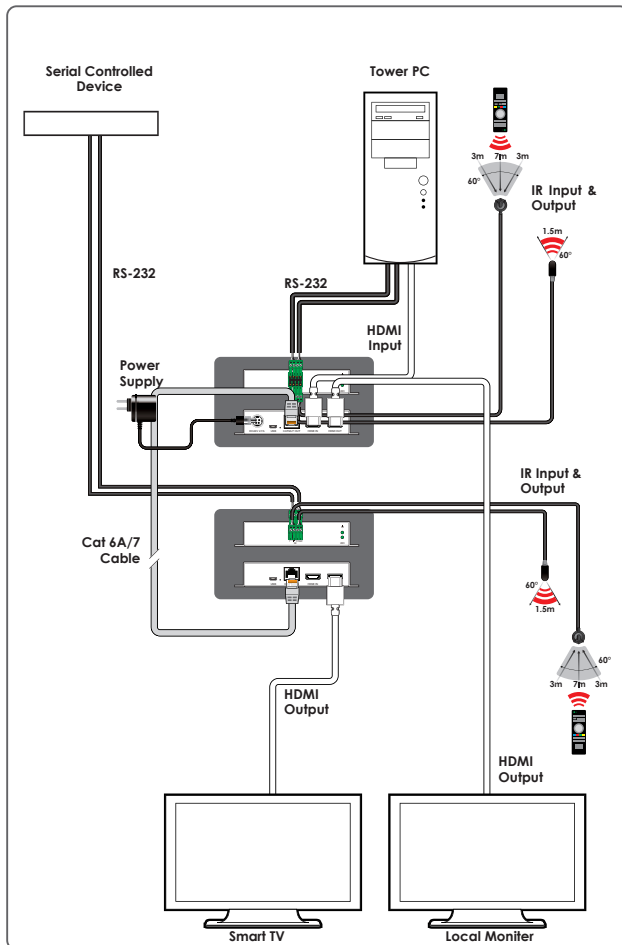


This Receiver is new generation of HDBaseT 3.0 technology, it is a great solution for extending uncompressed HDMI 2.0 4K@60 (4:4:4, 8-bit) video as well as control via a single run of Cat.6a/7 cable over distances of up to 40 meters. Multiple control and data signals may also be transmitted along with the video, including IR and RS-232. This Receiver is ideal for any scenario which needs uncompressed video like medical equipment, conference room, education and anything you want to extend.

PANELS



DIAGRAM



FEATURES

- HDMI 2.0 and DVI 1.0 compatible, HDCP 2.2 and HDCP 1.x compliant
- HDBaseT 3.0 compliant (Backwards compatible with HDBaseT 2.0/1.0)
- Supports Deep Color input and output up to 12-bit
- Supports 10-bit and 12-bit HDR (High Dynamic Range) input/output
- Supports providing PoH power from Transmitter to Receiver in same HDBaseT port.

SPECIFICATIONS

Interfaces

Input Port	1×HDMI (Type-A)
Output Port	1×HDMI (Type-A) 1×HDBaseT(RJ-45)
Pass-through Port	1×IR In/Out and RS-232 (4-pin*2 Term. Block)
Pass-through/Control Port	1×USB 2.0 (Micro USB)

Video

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Input Signal Type	HDMI 4K@60 8bit RGB 4:4:4 HDBT 4K@60 8bit RGB 4:4:4
Output Signal Type	HDMI 4K@60 8bit RGB 4:4:4 HDBT 4K@60 8bit RGB 4:4:4

Resolutions

Maximum Input	HDMI	4096×2160p@60
	HDBT	4096×2160p@60
Maximum Output	HDMI	4096×2160p@60
	HDBT	4096×2160p@60

Audio

HDMI	LPCM (8 Channels), Bitstream, HD Bitstream
HDBT	LPCM (8 Channels), Bitstream, HD Bitstream
Analog Out	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)

Power

Power Consumption	14W
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Enclosure

Chassis Material	Metal(Steel)
Chassis Color	Black
Dimensions (W×H×D)	128mm×25mm×108mm [Case Only] 128mm×25mm×109.5mm [All Inclusive]
Weight	390 g

Field Firmware Update

USB stick Update

ORDERING INFORMATION

Model No.	Product Description
VEX-E1501T	UHD+ HDMI over HDBaseT Transmitter
VEX-E1501R	UHD+ HDMI over HDBaseT Receiver
VEX-E2501T	UHD+ HDMI over HDBaseT Transmitter with USB KVM
VEX-E2501R	UHD+ HDMI over HDBaseT Receiver with USB KVM
VEX-E2502T	UHD+ USB-C over HDBaseT Transmitter with USB KVM
VEX-E4501T	UHD+ HDMI over HDBaseT Transmitter with USB KVM
VEX-E4501R	UHD+ HDMI over HDBaseT Receiver with USB KVM
VEX-E4701TR	UHD+ HDMI over HDBaseT Transceiver with USB KVM