

# VEX-E2502T

## UHD+ USB-C over HDBaseT Transmitter with USB KVM

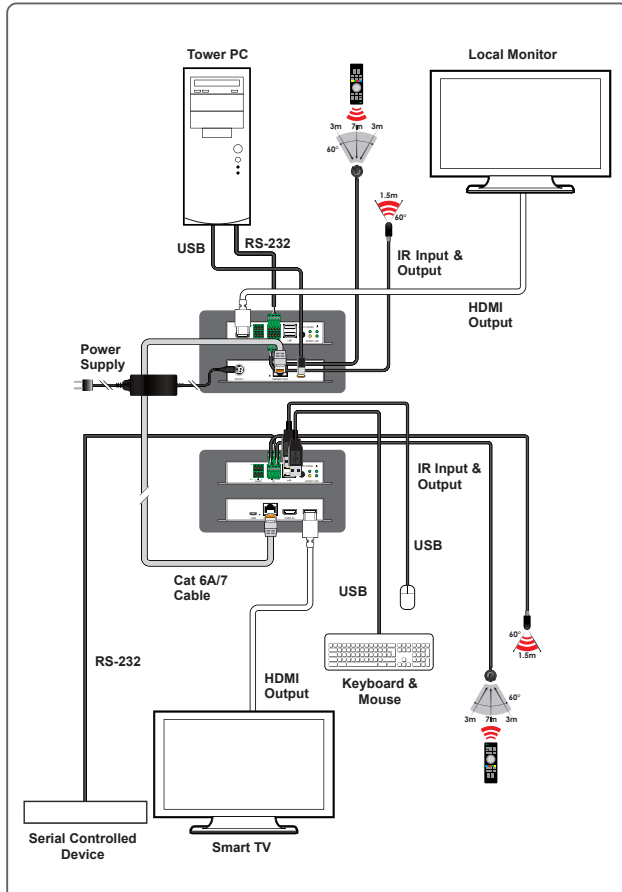


This 4K UHD+ HDMI over HDBaseT transmitter and receiver pair uses HDBaseT 3.0, the newest generation of HDBaseT technology, and is the perfect solution for extending full bandwidth (18Gbps) HDMI 2.0, 4K@60Hz (4:4:4, 8-bit) video with HD audio via a single run of Cat.6A/7 cable over distances of up to 40 meters. Multiple control and data signals may also be transmitted along with the audio and video, including bi-directional IR, RS-232, USB 3.0, and Gigabit Ethernet. This Transmitter is ideal for use in any video extension scenario, but they excel when latency-free, uncompressed, high resolution video is critical, such as medical installations, live conferences, and education.

### 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
- 2 USB 3.0 Type-A device ports and 1 USB-C host port
- Selectable HDMI audio extraction/analog audio bypass functionality
- Supports providing PoH power from Transmitter to Receiver in same HDBaseT port.

### SPECIFICATIONS

#### Interfaces

<b>Output Port</b>	1xHDMI (Type-A) 1xHDBaseT(RJ-45)
<b>Pass-through Port</b>	1x Stereo Audio input and output (3-pin*2 Term. Block) 1xIR In/Out and RS-232 (4-pin*2 Term. Block) 2xUSB 3.0 (Type A)
<b>Pass-through/Service Port</b>	1xUSB-C

#### Video

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

#### Resolutions

<b>Maximum Input</b>	HDMI	4096x2160p@60
	HDBT	4096x2160p@60
<b>Maximum Output</b>	HDMI	4096x2160p@60
	HDBT	4096x2160p@60

#### Audio

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

#### Power

<b>Power Supply</b>	24V/ 2.7A DC
<b>Power Consumption</b>	18.5W

#### Enclosure

<b>Chassis Material</b>	Metal(Steel)
<b>Chassis Color</b>	Black
<b>Dimensions (W×H×D)</b>	128mm×25mm×108mm [Case Only] 128mm×25mm×112.5mm [All Inclusive]
<b>Weight</b>	385g

#### Field Firmware Update

USB stick Update

### ORDERING INFORMATION

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