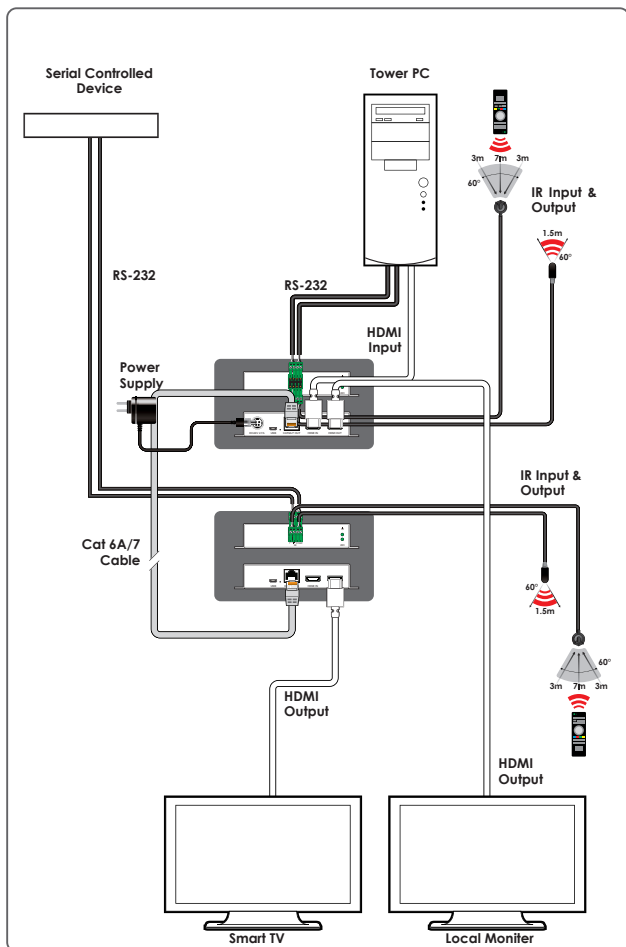# VEX-E1501T

UHD+ HDMI over HDBaseT Transmitter

This Transmitter 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 Transmitter is ideal for any scenario which needs uncompressed video like medical equipment, conference room, education and anything you want to extend.

PANELS

| Front View | Rear View |

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) 1xHDBaseT(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 Supply	24V/ 2.7A DC	
Power Consumption	12W	
Enclosure		
Chassis Material	Metal(Steel)	
Chassis Color	Black	
Dimensions (W×H×D)	128mm×25mm×108mm [Case Only] 128mm×25mm×112.5mm [All Inclusive]	
Weight	400g	
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