

VEX-E4701TR-B1C

UHD+ HDMI over HDBaseT Transceiver with USB KVM

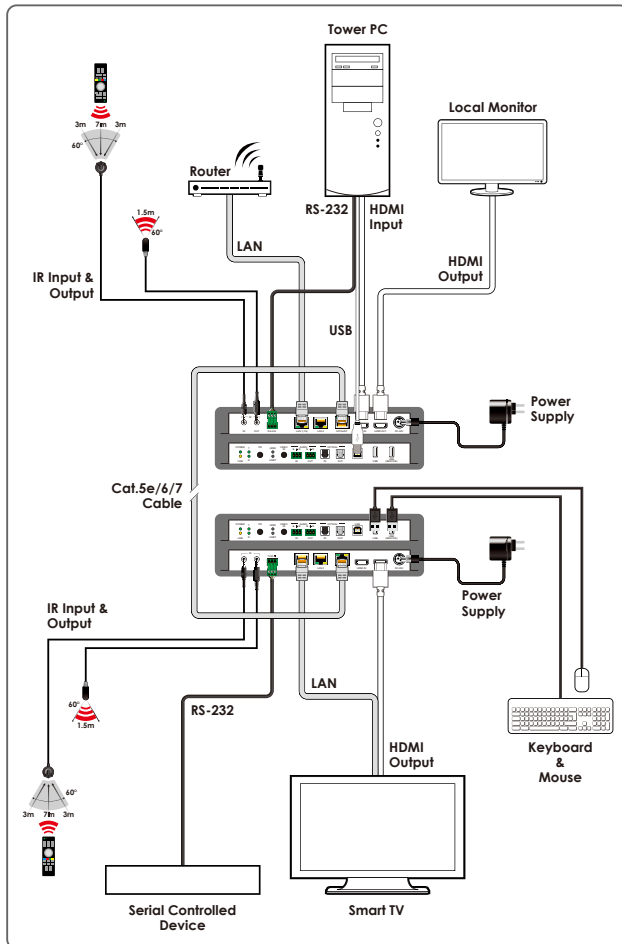


This Transceiver is new generation HDBaseT 3.0 technology, it is a great solution for extending uncompressed HDMI 2.0 4K@60 (4:4:4, 8-bit) video and HD audio as well as Ethernet and control via a single run of Cat.6a/7 cable over distances of up to 100 meters. Every Transceiver can be configured to function as either a Transmitter or a Receiver, enhancing the flexibility of any installation. Multiple control and data signals may also be transmitted along with the audio and video, including IR, RS-232, USB 2.0, and 1000BaseT Ethernet. This Transceiver 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 input and output with 3D & 4K video support (18Gbps)
- 1 HDMI output (Functions as local monitor output in Transmitter Mode)
- HDBaseT 3.0 compatible, Backward compatibility with HDBaseT 2.0/1.0 product
- Selectable HDMI and HDBaseT inputs(in Receiver Mode)
- Supports HDBaseT features: HD video and audio, individual 1000BaseT and 100BaseT Ethernet ports, POH and control (bi-directional IR/RS-232/USB pass-through)
- Supports analog audio and optical audio pass-through.
- Multiple USB hosts may be connected at once (up to 3 total, between the Tx and a compatible Rx unit) with a single selected host active at a time
- Supports providing PoH power from Transmitter or Receiver in same HDBaseT port.

SPECIFICATIONS

Interfaces

Input Port	1×HDMI (Type-A)
Output Port	1×HDMI (Type-A)
Bi-direction Port	1xHDBT(RJ-45)
Pass-through Port	2xAnalog Audio (3-pin Term. Block) 1×IR Extender (3.5mm) 1×IR Blaster (3.5mm) 2xOptical (TOSLINK) 1×RS-232 (3-pin Terminal Block) 1×USB 2.0 (Type A) 1×USB 2.0 (Type B) 1x1Gbps LAN 1 (RJ-45) 1x10/100Mbps LAN 2 (RJ-45)
Pass-through/Control Port	1×USB 2.0 (Type A)

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	48V/ 0.83A DC
Power Consumption	TBD

Enclosure

Chassis Material	Metal(Steel)
Chassis Color	Black
Dimensions (W×H×D)	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×116.7mm [All Inclusive]
Weight	TBD

Field Firmware Update

USB stick Update

ORDERING INFORMATION

Model No.	Product Description
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