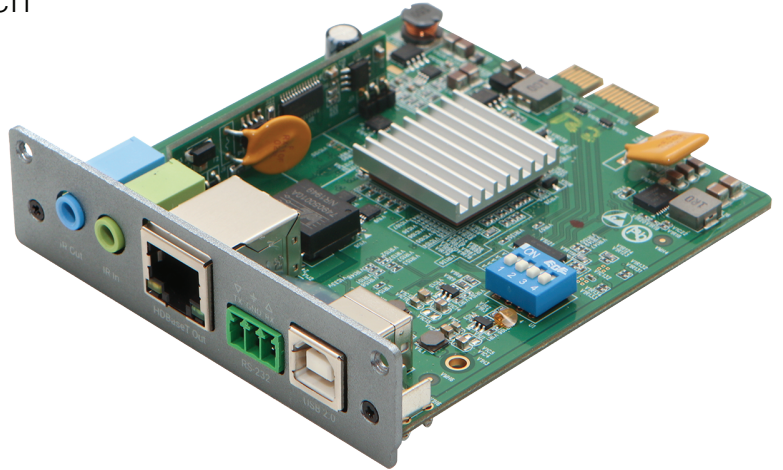


## **EX-HDBT3-TRX100**

TX POH Card for Presentation Switch



### **FEATURES**

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- HDBT 3.0 Expansion Card for the EMCEE200
- NO Signal Compression
- HDMI 2.0a compliant
- Supports 4K2K@60 4:4:4 8bits
- Supports High Dynamic Range (HDR)
- Extends the HDMI Signal up to 90m (295ft)\* at 4K2K@60 4:4:4 (4K-HDR Technology) over Cat.6A
- Supports PoE
- HDCP & EDID Bypass
- CEC support
- Auto equalization
- Support HDMI loopout at transmitting unit
- Pure unaltered uncompressed 7.1ch digital HDMI over Cat.6A cable transmission
- DTS-HD Master Audio and Dolby TrueHD high bit rate audio support
- Supports full frequency IR signal from 20KHz to 60KHz
- Bi-directional IR path-through
- Full Duplex RS-232 control up to 115,200 bps through connector
- USB 2.0 over Cat.6A cable transmission

### **DESCRIPTION**

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The TRX100 is an HDBaseT expansion card for use with the EMCEE200 presentation switcher. This expansion card adds an additional mirrored output to the EMCEE200. The TX100 extends HDMI 2.0, Bi-Directional IR, USB 2.0, RS-232 and transmits PoE over a single CAT6A cable via HDBaseT 3.0 up to 90 meters (295 ft).



Video	DVI (single link) HDMI 1.4 and HDMI 2.0b including 12 bit color depth, 3D video and HDCP 1.4/2.2	
	Resolutions	DVI signal - VGA (640x480) thru WUXGA (1920x1200) HDTV signal 480p through 4K 60 Hz 4:4:4
	Connectors	(1) Terminal block 3P RS232 (1) 3.5 mm IR IN (1) 3.5 mm IR OUT (1) USB 2.0 Tab B (1) RJ45 HDBT
Audio	Formats	LPCM 2CH Audio (32, 44.1 and 48 KHz sample rate) Digital Audio multi-channel 2.0, 5.1, 7.1
Other Signals	RS-232	(1) RX, TX and GND on Terminal Strip RS-232 Baud Rate: 115200, N, 8, 1
	USB	(1) USB-B Host port - USB 2.0/1.1 compatible
	IR	(1) 3.5mm IR Receiver: Tip= IR signal, Ring = GND , Sleeve= V+ (1) 3.5mm IR Emitter: Tip= IR signal, Sleeve= GND
POH Voltage	48VDC PSE	
POH Standard	802.3af POH	
POH Class	class 3 13.5W	
Temp / Humidity	Storage: -4°F to 140°F (-20°C to 60°C) / 10% to 90% non-condensing Operating: +32 to +122°F (0 to +50°C) / 10% to 90%, non-condensing	
Enclosure Type	Aluminum Faceplate	
Dimensions	3.6" W x 4" D x 0.93" H (91mm W x 102mm D x 24mm H)	