

HCE-T III HDMI/HDBaseT Extender - TAA Compliant



Key Features

- HDMI 2.0a / 4K60 4:4:4 8-bit / HDR
- Extension to 70m (230 ft.) @ 4K60 4:4:4 HDR, 100m (330 ft.) @ 1080p / 36-bit
- Bi-Directional PoC (Power over Cable)
- DTS-HD Master Audio / Dolby TrueHD / 7.1 Audio
- RS-232 / LAN / IR / CEC
- Wall-mountable
- Video latency <20ms
- TAA-compliant

Hardware

AUDIO SUPPORT	Surround sound (up to 7.1ch) or stereo digital audio
INPUT	TX: 1x HDMI / 1x 3.5mm RX: 1x RJ-45 / 1x 3.5mm
OUTPUT	TX: 1x RJ-45 / 1x 3.5mm / 1x SPDIF RX: 1x HDMI / 1x 3.5mm / 1x SPDIF
IN/OUT	1x RS-232 / 1x RJ-232

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Performance

VIDEO BANDWIDTH	Single-link 600MHz [18Gbps]
VIDEO SUPPORT	HDR 4K2k@60 (4:2:0 10bits) / 4K2K@60 (4:4:4 8bits)
COMPLIANCE	HDMI 2.0a
HDMI OVER UTP	1080p@60 100m (330ft) [CAT5e]
EQUALIZATION	Auto
INPUT TMDS SIGNAL	1.2 Volts [peak-to-peak]
INPUT DDC SIGNAL	5 Volts [peak-to-peak, TTL]
ESD PROTECTION	Human body metal - + 15kV [air-gap discharge] & +8kV [contact discharge]
PCB STACK-UP	6-layer board [impedance control – differential 100Ω; single 50Ω]
IR PASS-THRU	Bi-directional
RS-232 SUPPORT	Yes
PoC SUPPORT	Yes
HDMI SOURCE CONTROL	Controllable via IR pass-through from RX to TX with IR extenders
HDMI CONNECTOR	Type A [19-pin female]
MIN DIN CONNECTOR	DIN-9
RJ-45 CONNECTOR	WE/SS 8P8C (Reverse Mode)
ROTARY CONTROL SWITCH	None
3.5mm CONNECTOR	IR receiver/ IR blaster
POWER SUPPLY	12V 2A DC
POWER CONSUMPTION	15 Watt
OPERATING TEMPERATURE	32~104°F (0~40°C)
STORAGE TEMPERATURE	-4~140°F (-20~60°C)
RELATIVE HUMIDITY	20~90% RH (no condensation)

Enclosure

PRODUCT DIMENSIONS	TX :4.7" x 2.8" x 0.8" (120 x 72 x 20 mm) RX :4.7" x 2.8" x 0.8" (120 x 72 x 20 mm)
PRODUCT WEIGHT	TX : 4.1 oz (117g) RX : 5.1 oz (146g)
HOUSING	Metal Enclosure
FIXEDNESS	Wall-mounting case with screws

Warranty

WARRANTY	Limited Warranty (3-Years)
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