

HCE III-L Tx/Rx 4K HDMI over HDBaseT Extension System w/Loop Out



The **HCE III-L Tx/Rx** is a premium HDMI 2.0 HDBaseT™ Extension System for Ultra HD/4K and HDR formats featuring an **HDMI loop out** on the transmitter for preview monitoring, as well as an additional output on the receiver for local distribution. The HCE III-L Tx/Rx supports 4K@60Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps with HDCP 2.2 compliance.

The HCE III can transmit Ultra HD/4K signals to distances up to 130 feet (40 meters) and 1080p to distances up to 230 ft. (70 meters) over a single category cable with embedded multi-channel audio, CEC pass-through, bi-directional RS-232 and IR control, and PoE.

Individual units also available: [HCE III-L Transmitter](#) and [HCE III-L Receiver](#)

Key Features

- Supports resolutions up to 4K@60Hz (4:4:4)
- Supports data rates up to 18 Gbps
- HDCP 2.2/ HDCP 1.4 Compliant
- Transmits Ultra HD/4K signals up to 130 ft. (40m)
- Supports HDR10 and Full 3D
- HDMI loop-put on transmitter and additional HDMI output on receiver
- Bi-directional IR and RS-232 extension
- Bi-directional PoE (Rx powered by Tx or Tx powered by Rx)
- EDID selector (auto, local, remote)

Hardware

AUDIO	Support DTS-HD, Dolby-HD
INPUT SIGNAL TYPE(S)	TX: (1) HDMI Type A, (1) USB [firmware] RX: (1) HDBaseT [RJ45], (1) USB [firmware]
OUTPUT SIGNAL TYPE(S)	TX: (1) HDMI Type A [Loop Out], (1) HDBaseT [RJ45] RX: (2) HDMI Type A

HCE III-L Tx/Rx

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Performance

SUPPORTED DISTANCE	Ultra HD/4K up to 130ft. (40m), 1080p up to 230 ft. (70m)
SUPPORTED RESOLUTIONS	4K@60Hz (4:4:4), 1080p, 1080i, 720p(50Hz), 576p, 480p, 576i, 480i
VIDEO BANDWIDTH	up to 18 Gbps
COMPLIANCE	HDMI 2.0, HDCP 2.2, HDCP 1.4
RS-232	(1) RS-232 [3-pin phoenix]
IR EXTENSION	(1) x IR input [3.5mm stereo mini-jack]; 1 x IR output [3.5mm stereo mini-jack]
POWER SUPPLY	DC 24V/1A
OPERATING TEMPERATURE	32° ~ 117° F (0° to 47° C)
STORAGE TEMPERATURE	-40° ~ 158° F (-40° to 70° C)
RELATIVE HUMIDITY	0 ~ 90% non-condensing
MTBF	50,000 hours

Enclosure

RACK MOUNTING OPTION	Standard 19-inch rack-mountable design
PRODUCT DIMENSIONS	5.5" x 2.6" x 0.8" (139.4mm x 66.8mm x 20mm)
PRODUCT WEIGHT	1.19 lbs. (0.54kg)

Warranty

WARRANTY	Limited Warranty (3-Years)
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