

HCE II Tx/Rx

HDMI over HDBaseT Extension System



The **HCE II Tx/Rx** provides an accessible, easy-to-install solution for extending HDMI video and embedded audio over long distances using a single CATx cable. The HCE II Tx/Rx supports full 3D content and extends uncompressed HDCP-protected HDMI content and embedded lossless audio formats with bi-directional control signals (IR) up to 230 feet (70m) at 1080p and up to 130 feet (40 meters) at 4K/Ultra-HD resolutions.

Individual units also available: [HCE II Transmitter](#) and [HCE II Receiver](#)

Key Features

- Integrated HDBaseT technology
- Supports cable lengths up to 230 ft. (70 m) for resolutions up to 1080p
- Supports cable lengths up to 130 ft. (40 m) for resolutions up to Ultra HD/4K
- HDMI v1.4 support
- IR control
- Ultra slim design

Hardware

AUDIO	HDMI w/embedded audio
CABLING	Use CAT6a/CAT7 cable for maximum distance transmission
INPUT SIGNAL TYPE(S)	TX: (1) HDMI Type A Female RX: (1) HDBaseT [RJ45]
OUTPUT SIGNAL TYPE(S)	TX: (1) HDBaseT [RJ45] RX: (1) HDMI Type A Female

Performance

SUPPORTED DISTANCE	up to 130 ft. (40m) at Ultra HD/4K 30Hz and up to 230 ft. (70m) at 1920x1200 60Hz or 1080p 60Hz
SUPPORTED RESOLUTIONS	VGA ~ WUXGA (up to 1920 x 1200 @ 60Hz), 480i ~ 1080p, Ultra HD (4K) @ 30Hz
VIDEO BANDWIDTH	10.2 Gbps
COMPLIANCE	HDMI 1.4, HDCP 2.2
IR EXTENSION	Bi-directional IR control
POWER SUPPLY	DC 5V, 2A
OPERATING TEMPERATURE	32°F ~ 131°F (0°C ~ 55°C)
STORAGE TEMPERATURE	-4°F ~ 185°F (-20°C ~ 85°C)

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RELATIVE HUMIDITY	10% ~ 80%
MTBF	50,000 hours

Enclosure

RACK MOUNTING OPTION	Standard 19-inch rack-mountable design
PRODUCT DIMENSIONS	4.01 x 3.34 x 1.02 inches / 102.1 x 85.0 x 26.0 mm
PRODUCT WEIGHT	0.61lbs (0.28Kg)

Warranty

WARRANTY	Limited Warranty (3-Years)
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