

Hall Research HBX HDMI Extender (Sender/Receiver) Set With Ultra-HD AV/IR/RS232 and Ethernet

Video Standards:

DVI (single link) and HDMI (compliant with HDMI 1.4 video specifications including 12 bit color depth, 3D video and 4K support)

Signal Type:

TMDS

Resolutions:

DVI signal - VGA (640x480) thru WUXGA (1920x1200) HDTV signal - 480i through 1080p Digital Cinema - 4K30 4:4:4 or 4K60 4:2:0 (4096x2160) up to 60 m

Audio Formats:

All HDMI Embedded Audio including: LPCM 7.1CH, Dolby TrueHD and DTS-HD Master Audio (32-192 kHz sample rate)

DDC:

Pass-Thru DDC for reading EDID directly from remotely connected LCD and HDCP handshake

CEC:

Pass-Thru CEC for Consumer Electronics Control compatible devices

RS232:

Bidirectional (full-duplex) any baud rate up to 115,200

Ethernet:

100BaseT Ethernet LAN

IR:

Extended in both directions. Carrier modulation range from 30 kHz to 60 kHz

Power Supply:

100 VAC to 240 VAC, 50-60 Hz, external; 5 VDC, 2 A, regulated

Power:

Sender & Receiver: 10 watts maximum

Temp/humidity:

Storage: -40 to +158 ■F (-40 to +70 ■C) / 10% to 90%, non-condensing Operating: +32 to +122 ■F (0 to +50 ■C) / 10% to 90%, non-condensing

Cooling:

Convection

Mounting:

End plates with hole for surface mounting

Enclosure type:

Metal (Aluminum ends, Aluminum Extrusion)

Dimensions:

1.0" H x 3.9" W x 3.9" D (25mm H x 100mm W x 100mm D) Depth excludes connectors

Product weight:

Sender 9.3 oz (0.58 lb or 264 g) Receiver 10 oz (0.63 lb or 284 g) Kit (shipping) 37 oz (2.3 lb or 1050 g) includes: sender, receiver, universal power supply, manual, and packaging

Safety:

CE

EMI/EMC:

CE, FCC Class A

MTBF:

90,000 hours (Calculated Estimate)