HDMI® Extender Transmitter & Receiver

Extends transmission up to 70 meters, includes HDBaseT™ technology with bi-directional PoH

APPLICATION
Extend HDMI signals up to 70 meters (230 feet) over a single category-rated cable for applications in classrooms, conference rooms, control centers, and public venues where reliable high-definition video is needed. The certified HDBaseT technology supports a complete professional plug-and-play installation that includes HD video, bi-directional, power, bi-directional IR, multi-channel audio, and RS-232 control.

SPECIFICATION
70m HDMI extender shall be HDBaseT certified and deliver uncompressed HD video, 3D, and 2K x 4K over a single category cable with multi-channel audio supporting all standard formats including Dolby Digital, DTS, Dolby TrueHD, and DTS HD-Master Audio. Resolution capability shall be 1080p 36 bit deep color at 60Hz with VESA resolutions up to 1920 x 1200 at 60Hz up to 70 meters (230 feet) and 4K ultra-high definition up to 2160p 24 bit true color at 30Hz with 4K chroma subsampling color palette 4:2:2 up to 40 meters (131 feet).

FEATURES
- HDBaseT Alliance certified
- Delivers full uncompressed HD video, 3D, and 2K x 4K over a single category cable with multi-channel audio supporting all standard formats, including Dolby Digital, DTS, Dolby TrueHD, and DTS HD-Master Audio
- Resolution capability:
  - 1080p 36 bit deep color at 60Hz and VESA resolutions up to 1920 x 1200 at 60Hz up to 70 meters (230 feet)
  - 4K ultra high definition up to 2160p 24 bit true color at 30Hz with 4K chroma subsampling color palette 4:2:2 up to 40 meters (131 feet)
- Compatible with and supports key features of HDMI 1.4 including EPG, CEC, EDID, and HDCP
- Bi-directional PoH (power over HDBaseT) allows use of a single power supply located at either the source or display
- Compact transmitter and receiver modules
- Locking features for HDMI and power input connectors
- Receiver (-HTR) available separately for use with other HDBaseT certified transmitters
- Tested to UL 2043 as suitable for use in air-handling spaces per NEC 300-22(b)(c)

DESIGN CONSIDERATIONS
- Use HDBaseT Alliance certified Category 6A cable system with alien crosstalk prevention technology
- Use 41910-HIR IR emitter and target kit for bi-directional control

STANDARDS COMPLIANCE
- HDBaseT Alliance, FCC, CE
- UL 2043 compliant for plenum spaces

PHYSICAL SPECIFICATIONS
Dimensions: 106 mm W x 28 mm H x 97 mm D
4.17” W x 1.10” H x 3.82” D
Materials: Ventilated metal enclosures
Power input: 100-240VAC 50/60Hz
Power output: 24VDC 1.25A
Temperature: 0°C to 50°C (32°F to 122°F)

COUNTRY OF ORIGIN
China

WARRANTY INFORMATION
For a copy of Leviton product warranties, visit www.leviton.com/warranty.
For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.