

## 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.



Transmitter — front



Transmitter — back



Receiver — front



Receiver — back

### 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). Shall be compatible with and support key features of HDMI 1.4 including EPG, CEC, EDID, and HDCP. Extenders shall include bi-directional PoH (power over HDBT), IR, RS-232, and locking features for HDMI and power input connections. Extender transmitter and receiver shall have a metal enclosure and include mounting brackets. Extender set shall also include RS-232 interface cables (2) and DC power adapter with a set of interchangeable international input plugs.

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### 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](http://www.leviton.com/warranty).

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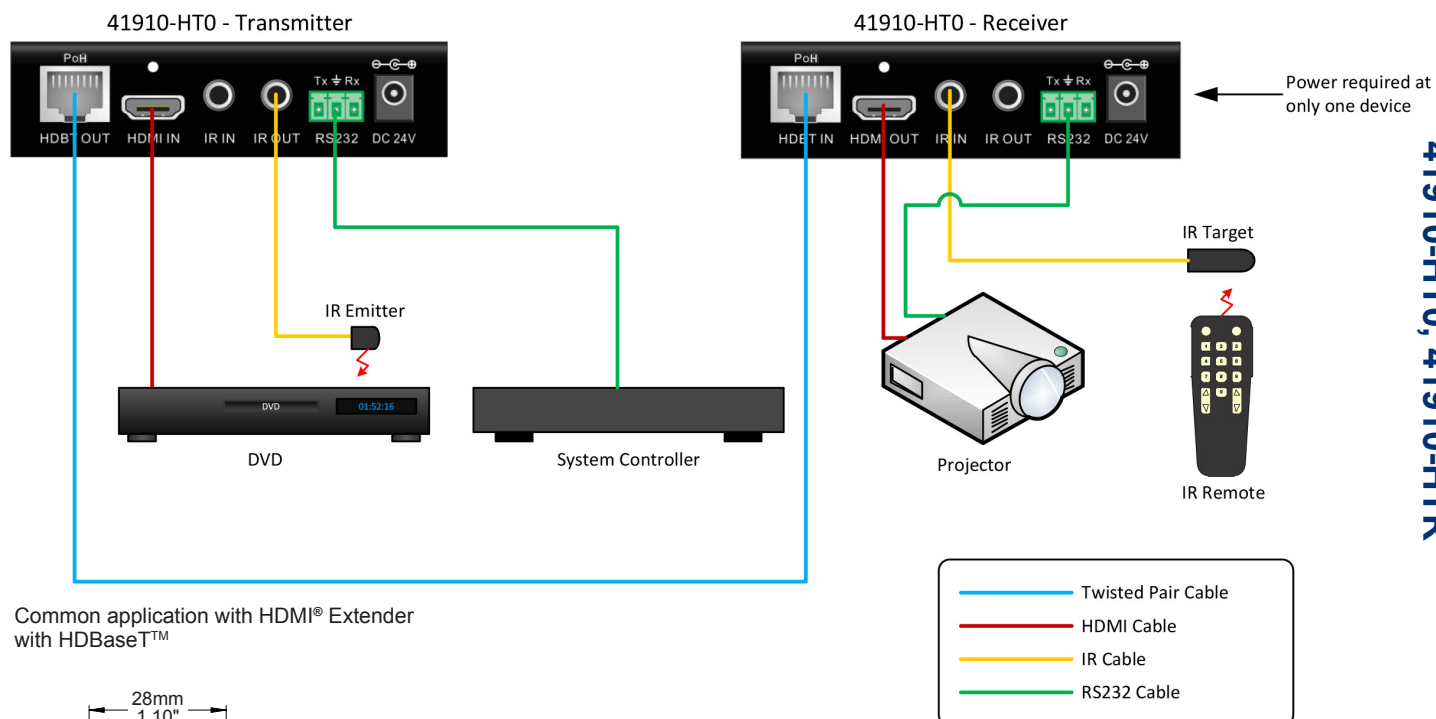
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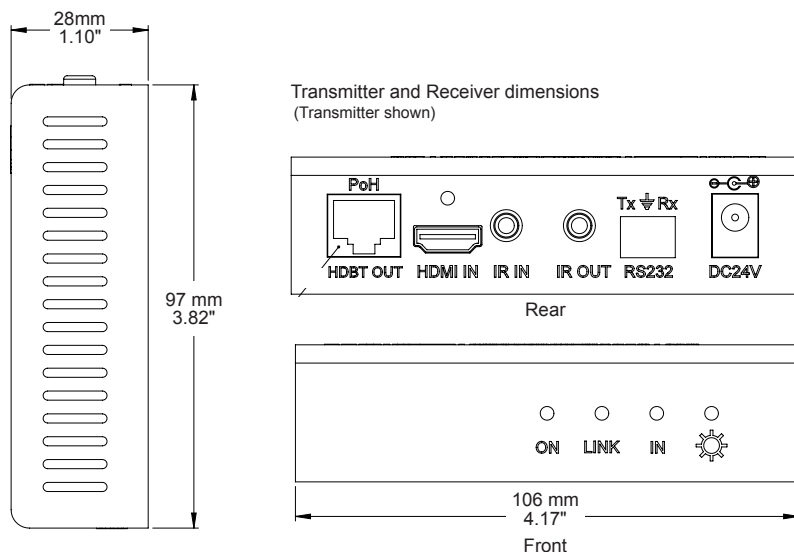
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## ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).



Common application with HDMI® Extender with HDBaseT™



## PART NUMBERS

### Description

### Part No.

HDMI® Extender with HDBaseT™, Transmitter and Receiver, 70 meters

41910-HT0

HDMI Extender with HDBaseT, Receiver only, 70 meters

41910-HTR