## PRODUCT SPECIFICATIONS 41910-HT0, 41910-HTR



# 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 — back





Receiver — front Receiver — back

# **DESIGN CONSIDERATIONS**

spaces per NEC 300-22(b)(c)

**FEATURES & BENEFITS** 

· HDBaseT Alliance certified

· Resolution capability:

up to 40 meters (131 feet)

including EPG, CEC, EDID, and HDCP

· Compact transmitter and receiver modules Locking feature for power input connectors

other HDBaseT certified transmitters

Delivers full uncompressed HD video. 3D. and 2K x 4K

over a single category cable with multi-channel audio

· Compatible with and supports key features of HDMI 1.4

Bi-directional PoH (power over HDBaseT) allows use of a

single power supply located at either the source or display

Receiver (41910-HTR) available separately for use with

Tested to UL 2043 as suitable for use in air-handling

DTS, Dolby TrueHD, and DTS HD-Master Audio

supporting all standard formats, including Dolby Digital,

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

- Leviton recommends SST Cat 6A cable system with best-in-class alien crosstalk prevention performance
- Compatible with displays that support and can be set to HDMI 1.4. Not natively compatible with displays that only function at HDMI 2.0 and above. It is incumbent upon Installers, Consultants, and Specifiers to choose and test compatible equipment prior to deployment. Leviton recommends bench-testing AV system solutions prior to deployment.

#### **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 audio 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 feature for 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.

## MECHANICAL SPECIFICATIONS Dimensions:

106 mm W x 28 mm H x 97 mm D

4.17" W x 1.10" H x 3.82" D

Ventilated metal enclosures Materials: Power input: 100-240VAC 50/60Hz

Power output: 24VDC 1.25A

0 °C to +50 °C (+32 °F to +122 °F) Temperature:

### **STANDARDS & REGULATIONS**

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

# **COUNTRY OF ORIGIN**

China

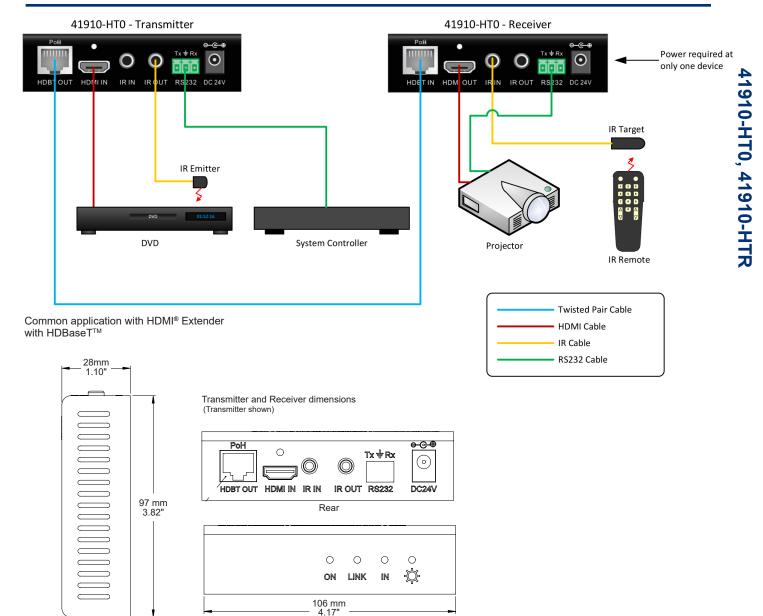


#### WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/ns/warranty

# PRODUCT SPECIFICATIONS 41910-HT0, 41910-HTR





PART NUMBER	
Description	Part No.
HDMI <sup>®</sup> Extender with HDBaseT™, Transmitter and Receiver, 70 meters	41910-HT0
HDMI Extender with HDBaseT, Receiver only, 70 meters	41910-HTR

Front

For further support information, visit Leviton.com/ns/support

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 $\mathsf{HDMI}^{\otimes}$  is a registered trademark of HDMI Licensing, LLC.

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