

HDMI® Extender Transmitter & Receiver

Extends transmission up to 40 meters

APPLICATION

Extend HDMI signals up to 40 meters (131 feet) over dual category-rated cables for applications in classrooms, conference rooms, control centers, and public venues where reliable high-definition video is needed. Adjustable equalization compensates for cable length to achieve superior video quality.



SPECIFICATION

HDMI transmitter and receiver shall extend HDMI signal up to 40 meters over dual category-rated cables. Receiver shall include adjustable equalization to compensate for cable length. Transmitter and Receiver shall support VESA resolutions up to 1920 X 1200 @ 60Hz, and HDTV resolutions up to 1080p over two category cables up to 40 meters (131 feet) and 720p/1080i (HDTV) up to 60 meters (197 feet). They shall support Dolby True HD and DTS HD Master Audio, and be EDID, HDCP, and DDC compatible.

FEATURES

- Delivers full uncompressed HDMI (3D and Deep Color)
- Supports VESA resolutions up to 1920 X 1200 @ 60Hz, and HDTV resolutions up to 1080p over two Category cables up to 40 meters (131 feet) and 720p/1080i (HDTV) up to 60 meters (197 feet)
- Supports Dolby True HD and DTS HD Master Audio
- EDID, HDCP, and DDC compatible (passthrough)
- 8-position equalization adjustment for optimizing display quality over varying cable lengths
- Power and On-Line LEDs aid in setup
- Ultra-compact transmitter and receiver modules
- Locking feature for HDMI connectors
- Tested to UL 2043 as suitable for use in air-handling spaces per NEC 300-22(b)(c)

DESIGN CONSIDERATIONS

- Separate TMDS and DDC ports provide capability to use a single category cable where HDCP and EDID bypass features are not required
- Use Cat 6A cable system with alien crosstalk prevention technology or Cat 5e, 6, or 6A FTP cable system
- For commercial use only
- AC power adapters are required at both Tx and Rx ends

STANDARDS COMPLIANCE

- HDMI, FCC, CE
- UL 2043 compliant for plenum spaces

PHYSICAL SPECIFICATIONS

Dimensions:	55 mm W x 24 mm H x 90 mm D 2.16" W x 0.94" H x 3.54" D
Materials:	Metal enclosures
Power input:	100-240VAC 50/60Hz
Power output:	5VDC 1.0A
Temperature:	0°C to 50°C (32°F to 122°F)

COUNTRY OF ORIGIN

Taiwan

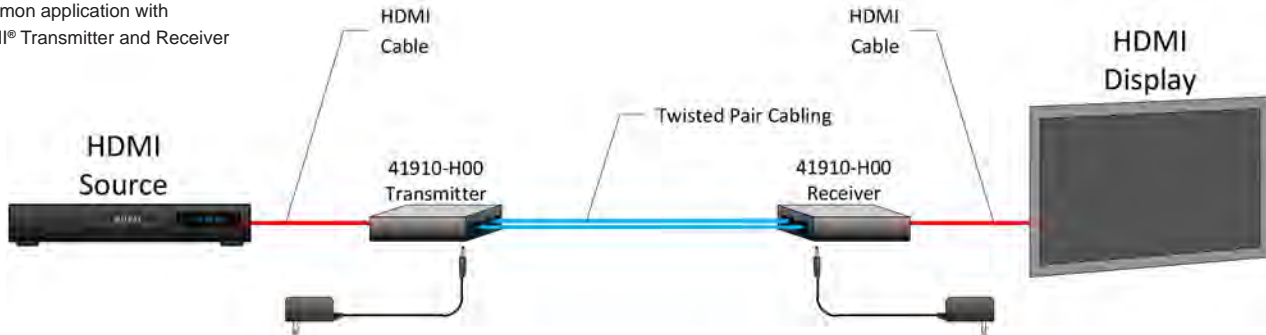
WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

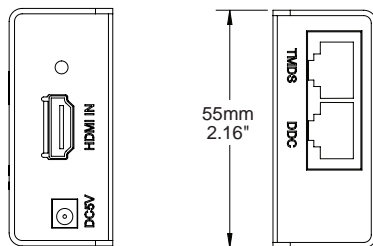
ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

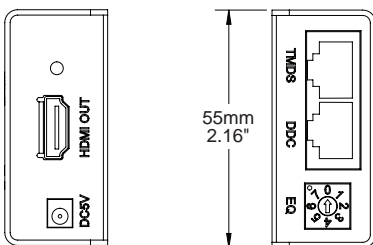
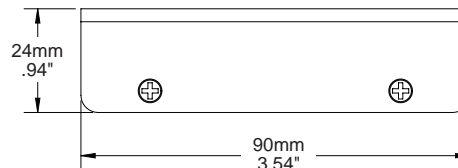
Common application with
HDMI® Transmitter and Receiver



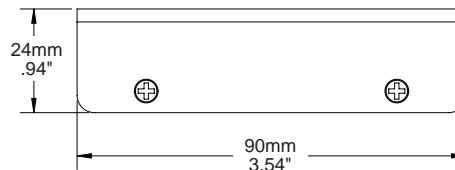
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HDMI Transmitter



HDMI Receiver



PART NUMBERS

Description

Part No.

HDMI Extender, Transmitter and Receiver, 40 meters

41910-H00

