

# **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
- · 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 100-240VAC 50/60Hz Power input:

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.

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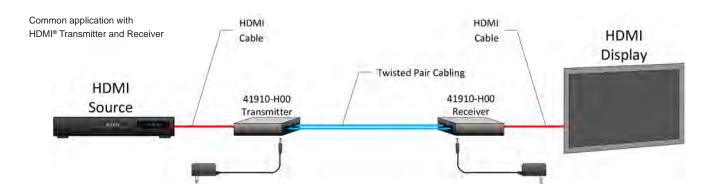
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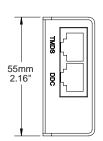
## **ELECTRONIC FILES**

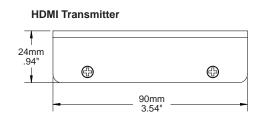
For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

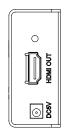


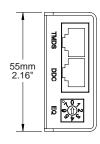


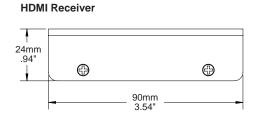












# **PART NUMBERS**

**Description** Part No. HDMI Extender, Transmitter and Receiver, 40 meters 41910-H00



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