

DATA SHEET



HDMI® In-Line Extender 4K60

Couple two HDMI cables and extend HDMI A/V signals up to 164ft

OVERVIEW

The HDMI In-Line Extender is the perfect solution for extending HDMI A/V signals over HDMI cabling. This extender is capable of supporting a 4k60 resolution at extension distances up to 25 metres (82ft) and a 1080p resolution at extension distances up to 50 metres (164ft). The female to female connector configuration makes this device easy to install and in most instances, no external power is required*. Simply connect an HDMI cable from a Blu-ray™ player, laptop or other HDMI device to the HDMI port of the extender labelled Source, and then connect an HDMI cable from the HDMI port of the extender labelled Display to a HDTV, projector, or monitor.

The HDMI In-Line Extender is HDCP 2.2 compliant and supports exceptional 4K resolutions up to 3840 x 2160 at 60hz with 4:4:4 chroma sub-sampling, handling total HDMI data rates up to 18Gbps.

Note: Some HDMI source devices are unable to output the power required by the HDMI In-Line Extender, which results in no image being displayed. In those instances, use the included DC to USB power cable or an HDMI Voltage Inserter (82236) may be required.

FEATURES

- Bandwidth up to 18Gbps
- Supports resolutions up to 4K x 2K at 60Hz, 4:4:4
- Transmit up to 82ft at 4K x 2K at 60Hz, 4:4:4
- Transmit up to 164ft at 1080p at 60Hz
- Supports 3D formats
- HDCP 2.2 Compliant
- Supports HDR10 and Dolby Vision HDR
- CEC Pass through
- No external power required*
- DC to USB cable for insufficient power

ITEM DESCRIPTION

82394 HDMI In-Line Extender 4K60

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SPECIFICATIONS: HDMI Inline Extender 4K60

ELECTRICAL SPECIFICATIONS:

- Power Consumption: 1 watts (Maximum)
- Insulation Resistance: 10M[OHM]
- Conductive Resistance: 10[OHM]
- Withstanding Voltage: DC300V at 0.01S
- External Power Source (optional): 5V 150mA on DC receptacle

SIGNAL SPECIFICATIONS:

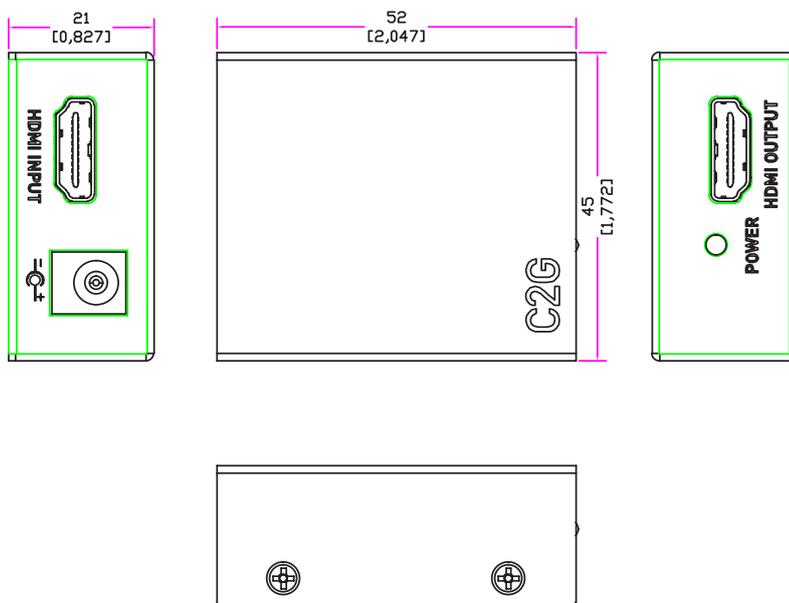
- Maximum Resolution: 4K@60HZ, 4:4:4
- Maximum Resolution Range:
4K@60Hz, YUV 4:4:4, 25m (15m to source + 10m to display)
4K@30Hz, 40m (25m to source + 15m to display)
1080P@60Hz, 50m (30m to source + 20m to display)
- Data Transfer Speed Rate: 18Gbps (Maximum)
- HDMI Compliance: Up to HDMI 2.0
- HDCP Compliance: Up to HDCP 2.2
- HDR: HDR10 and Dolby Vision HDR
- Video Colour Format: Deep colour 36bit
- Audio Format: DTS-HD/true-HD/LPCM7.1/AC3/DTS/DSD

PHYSICAL SPECIFICATIONS:

- Operating Temperature: 0 ~ 40°C; 0 ~ 80%RH(Non-condensing)
- Storage Temperature: -10 ~ 60°C; 0 ~ 80%RH(Non-condensing)
- Colour: Texture Paint Black
- Dimensions (LxWxH): 52x45x21mm
- Net Weight: 128g
- Approvals: CE and conforms to 2011/65/EU ROHS

Connectors:

- (1) DC Jack: OD=5.5mm, ID=2.0mm; Contact Pin: Nickel Plated; Shell: Nickel Plated; Fram: 94V-0, Thermoplastic, Black
- (2) HDMI: Female Contact Pin: Gold Plated, 3UM; Shell: Gold Flash; Frame: 94V-0, Thermoplastic, Black
- (3) Screw for Housing: M3*4 Countersink; Carbon Steel (Black)



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