



DATA SHEET

HDMI[®] over Cat Extender Box Transmitter to Box Receiver - 4K 60Hz

Extend HDMI video and audio up to 164ft (50m) using a single category patch cable

OVERVIEW

The HDMI over Cat Extender Box Transmitter to Box Receiver - 4K 60Hz allows a 4K HDMI source to be extended up to 131ft to a 4K display using a single Cat6/6a Ethernet cable. This is an ideal solution where HDMI video and audio in conference rooms, classrooms, lecture halls, and many other installation needs are far beyond the length limitations of standard HDMI cabling.

This HDMI over Cat Extender is HDCP 2.2 compliant, making sure that the connection from the source is secure. Multi-channel audio formats are supported, including PCM 7.1, Dolby TrueHD and DTS-HD Master Audio. With bi-directional Power over Cable (PoC) support, one power adapter at either transmitter or receiver side can power both units, so no additional power adapter is required, allowing for greater flexibility in installations.

Note: Ensure a solid, reliable connection between the 4K HDMI Extender and critical equipment. We suggest using HDMI Cables with gripping connectors that provide greater port retention than standard HDMI connectors.

FEATURES

- Extend 4K at 60Hz (4:4:4) up to 115ft with Cat 6/6a cable
- Extend 4K at 30Hz (4:4:4) up to 131ft and 1080p at 60Hz up to 164ft with Cat 5e/6/6a cable
- HDCP 2.2 compliant, to create a secure connection between the source and display
- Supports multi-channel audio formats, including PCM 7.1, Dolby TrueHD and DTS-HD Master Audio
- Supports one-way IR pass-through from receiver to transmitter
- Supports bi-directional Power over Cable (PoC), one power adapter at either transmitter or receiver side can power both units
- Slim profile for easy installation

ITEM DESCRIPTION

C2G60220 HDMI over Cat Extender Box Transmitter to Box Receiver - 4K 60Hz

SIGNAL SPECIFICATIONS

- Video Resolution: Up to 4K resolution at 60Hz, 4:4:4
- Transmitter Input/Output Ports: 1 x HDMI IN; 1 x IR OUT; 1 x RJ45; 1 x DC 12V IN
- Receiver Input/Output Ports: 1 x HDMI OUT; 1 x IR IN; 1 x RJ45; 1 x DC 12V IN
- Audio Formats: Supports Multichannel audio up to PCM 7.1, Dolby TrueHD and DTS-HD Master Audio

ELECTRICAL SPECIFICATIONS

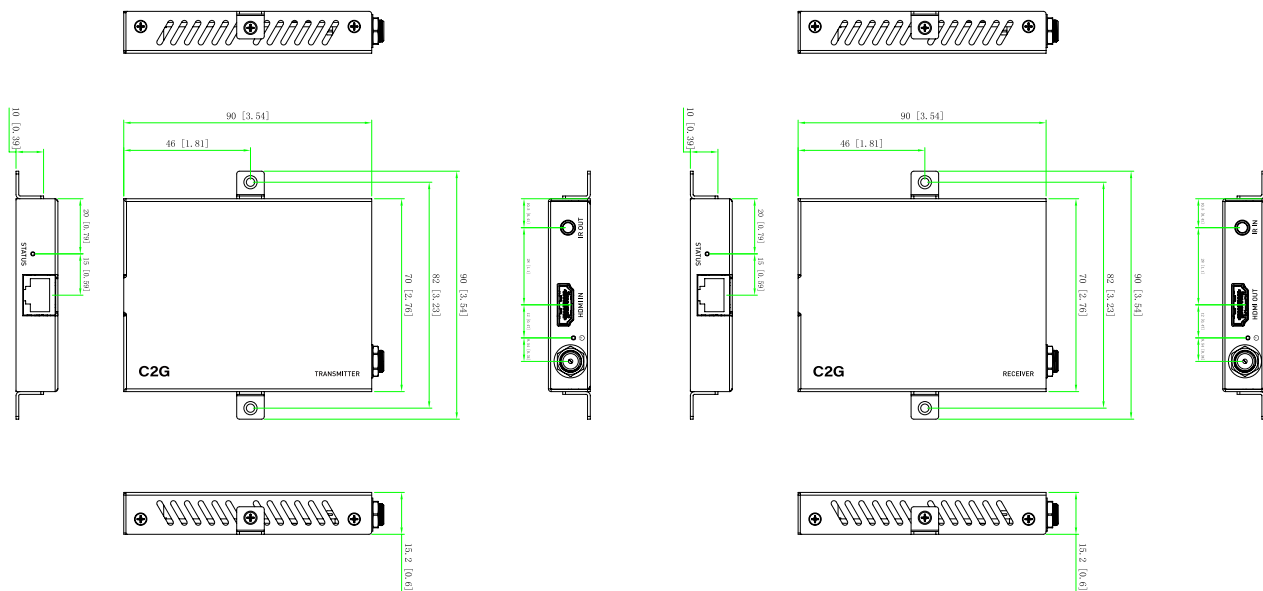
- Power Supply: Bi-directional Power over Cable (PoC), one power adapter at either transmitter or receiver side can power both units
- Power Adapter: Input: 100-240VAC, 50-60Hz
- Power Adapter: Output: 12VDC, 1A

PHYSICAL SPECIFICATIONS

- Operating Temperature: 0°C to 45°C; 10-90% RH (Non-Condensing)
- Storage Temperature: -20°C to 70°C; 10-90% RH (Non-Condensing)

PHYSICAL CHARACTERISTICS

- Transmitter Dimensions (LxWxH): 90x70x15.2mm
- Transmitter Dimensions with Mounting Brackets (LxWxH): 90x90x15.2mm
- Receiver Dimensions (LxWxH): 90x70x15.2mm
- Receiver Dimensions with Mounting Brackets (LxWxH): 90x90x15.2mm
- DC Jack: OD = 6.3mm, ID = 2.0mm; CU: Nickel Plating
- Power Adapter Cable Length: 1800±50mm
- QC Inspection: Bi-directional PoC Test, max length cable transmission, 1080p and 4K 60Hz 4:4:4 video/ image test on all ports, IR control function test and accessory functionality



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