



Pro AV/IT HDMI 4K60Hz UHD 1x2 Distribution Amplifier Splitter with EDID Management , PoC, HDMI Loop-Out, Daisy chainable up to 230ft

Versatile AV Distribution

Comprehensive's CDA-HDC12018G is an HDMI 1x2 Splitter Extender that distributes 1 HDMI source signal to 2 HDMI displays simultaneously over Cat6, which supports resolutions up to 4K2K@50/60Hz (4:4:4) 18Gbps. This HDMI Splitter Extender offers advanced EDID management.

Hybrid HDMI Splitter & Extender

The CDA-HDC12018G not only splits HDMI signals, but also extends them up to 230ft over Cat6 cables, eliminating the need for costly long-distance HDMI cables.

Mirrored HDMI Output for Daisy-Chaining

In addition to the Cat6 output ports, the Comprehensive CDA-HDC12018G also features an HDMI output port which mirrors the Cat5e/6 output ports, which can be used to daisy-chain as many CDA-HDC12018G's as needed to for larger AV distribution applications such as 1x4, 1x6, 1x8 and so on.

Convenient PoC Connectivity

On any project, installing the receiver is half the battle. The other half can be finding and discreetly hiding pesky power supplies. However, with integrated PoC, receiver placement will have one less thing to worry about. Power is received from the distribution amplifier, making installations neat, quick and easy as possible.

Easy to Install Discreetly

The CDA-HDC12018G can be easily installed on a wall, in furniture, under a table or hidden within a floor box. The Slim and compact design with mounting brackets can be easily concealed behind a wall-mounted display or above a projector.

A Must Have Device for Every AV Space

Ideal for use in court rooms, classrooms, conference rooms and anywhere audio-visual devices needed to be split and extended from a remotely located HDMI source device.

Peace of Mind in Every Connection and Quality You Can Count On

Since 1974, Comprehensive has been a trusted manufacturer of top-notch commercial-grade solutions for AV and IT professionals. This product upholds that longstanding tradition with its use of premium materials, components, and rigorous quality control measures, guaranteeing years of reliable and hassle-free usage. Additionally, all components are supported by Comprehensive's 3 Year Warranty, providing you with the confidence that this product will continue to perform flawlessly for many years ahead.



Features

- HDMI 2.0b, HDCP2.2/HDCP1.4 compliant
- Supports 18Gbps video bandwidth
- Supports video resolutions up to 4K2K@50/60Hz (4:4:4)
- Supports 1x HDMI source to 2x HDMI displays over cat6 cable
- Max transmission distance is 230ft for 4K30Hz and 1080p 60Hz and 4K 60Hz at 197ft over a single cat6 cable
- Supports PoC function, the receivers draws power from the transmitter
- Advanced EDID management
- Supported HDMI audio formats: LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio
- Compact design for easy and flexible installation
- 3 Year Worry-Free Warranty

CDA-HDC12018G



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Specifications

I/O Connections

Transmitter

Inputs: 1x HDMI input [Type A, 19-pin female]

Outputs: 1x HDMI loop out [Type A, 19-pin female], 2x Cat out ports [RJ45, 8-pin female]

Control: 1x Service port [USB-C, firmware update port]

Receiver

Inputs: 1x Cat out ports [RJ45, 8-pin female]

Outputs: 1x HDMI loop out [Type A, 19-pin female]

Technical

HDMI Compliance: HDMI 2.0b

HDCP Compliance: HDCP 2.2, HDCP 1.4

Video Bandwidth: 18Gbps

HDMI Input Resolution: 720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)

HDMI Output Resolution: 720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)

Transmission Distance: 230ft for 4K @30Hz or 1080p @60Hz over cat6, 197ft fir 4K @60Hz over cat6

Color Space: RGB, YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0

Color Depth: 8-bit (4K60Hz), 12-bit (1080P)

HDR: HDR10, HDR10+, Dolby Vision, HLG

HDMI Audio Formats: LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio

Power & Regulatory

Power Input: Input: AC 100 - 240V 50/60Hz

Output: DC 12V/1A

Power Consumption: 7.4W (Max)

ESD Protection: IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Regulatory: (US/EU standard, CE/FCC/UL certified)

Prop 65 Compliant: No

Chassis and Environmental

Construction: Metal Enclosure

Color: Black

Dimensions

Transmitter: 4.3in/110mm [W] x 2.8in/70mm [D] x 1in/24.5mm [H]

Receiver: 3.2in/81mm [W] x 1.9in/49mm [D] x 1in/25mm [H]

Operating Temperature: 0°C ~ 40°C / 32°F ~ 104°F

Operating Humidity: 20 - 80% RH (no condensation)

Storage Temperature: -20°C ~ 60°C / -4°F ~ 140°F

Storage Humidity: 10 - 90% RH (no condensation)

Weight

2lbs

Package Contents

1x CDA-HDC12018G (1x2 HDMI Splitter)

1x 12V/1A Power Adapter

6x Mounting Ear (Tx + Rx)

12x Machine Screw (KM3*4)

1x User Manual

Warranty

3 years

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