



C2G
HDMI® HDBaseT + USB-C® Data and Video over Cat Extender Wall Plate Transmitter to Box Receiver – 4K
 Part No. AVD_CG_C2G31029



The HDMI™ HDBaseT + USB-C® Data and Video over Cat Extender Wall Plate Transmitter to Box Receiver – 4K extends a 4K HDMI source, USB 2.0, and RS-232 control signals over a single Cat6a Ethernet cable. It supports distances of up to 230ft (70m) for 1080p output or 130ft (40m) for 4K60Hz HDMI and 4K30Hz USB output. This is an ideal solution where USB Video and Data signals must be extended alongside HDMI video and audio to interactive whiteboards and displays in conference rooms, classrooms, lecture halls, and many other installation needs that are far beyond the length limitations of standard HDMI cabling. This HDMI HDBaseT Extender is HDCP 2.2 compliant, making sure that the connection between the source and display is secure.

Features & Benefits

- Extends uncompressed HDMI and USB-C video signals, RS-232 control, and USB 2.0 data over a single CAT6a cable, supporting distances up to 230 ft (70 m) for 1080p or 130 ft (40 m) for 4K@60Hz HDMI and 4K@30Hz USB signals.
 - USB-C port supports 4K 30Hz video transmission via DP Alt Mode (v1.2a) and USB 2.0 data transfer.
- HDMI output on the receiver supports downscaling from 4K 60Hz to 1080p, without frame rate conversion
 - HDCP 2.2 compliant ensures a secure connection between the source and display
- Transmitter supports manual and automatic switching (following the last-in-first-out rule)
 - Two USB-A ports on the receiver supporting output power up to 5V/1.4A
- 18V/2.5A Universal Power Supply with US/EU/UK/AU Plug Converters Included

Specifications

General Info

Product Line	C2G	Color	Black, White
UPC Number	757120310297	Country Of Origin	China
Compliance	CE, FCC, IEC, REACH, RoHS	Features	Compact, Indicator Lights, RS232
Included	Mounting Hardware, Power Adapter, Wall Plate	Application Sector	Commercial
Warranty Type	5-Year	Type	Receiver, Transmitter

Listing Agencies / 3rd Party Agencies

CE Certified	Yes	FCC Compliant	Yes
REACH Compliant	Yes		

Additional Information

RoHS Compliant	Yes	Energy Savings	No
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Technical Information

Max Distance Support	130 ft	Operating Temperature Min	32 °F
Video Resolution	4K 60Hz	Storage Humidity	10-90% RH (Non-Condensing)
Number of Ports	12	Number of Displays	1
Signal Transmission	Unidirectional	Operating Temperature Max	113 °F
Number of Gangs	1	Max Supported Color Depth	10-bit, 12-bit, 8-bit
Technology Specifications	HDMI 2.0, USB 2.0	Voltage Compatibility	100-240 V
Audio Specifications	Dolby Atmos, Dolby TrueHD, DTS:X, DTS-HD Master Audio, LPCM 2.0, LPCM 5.1, LPCM 7.1	Power Consumption	32.0 W
Data Transfer Rate	10.2 Gbps	Port Selection	Auto, Manual
Connector 2	3.5mm Female, HDMI Female, RJ45 Female, RS-232, USB-A Female, USB-A Female, USB-C Female	Connector 1	HDMI Female, RJ-45 Female, RS-232, USB-C Female, USB-C Female
Video Output Support	HDMI	Operating Temperature	0°-45°C, 32°-113°F
Operating Humidity	10-90% RH (Non-Condensing)	Video Input Support	HDMI, USB-C
Chroma Subsampling	4:2:0	Storage Temperature	-40° - 140° F, -40° - 60° C