



C2G
HDMI® HDBaseT + 3.5mm, USB-A, and RS232 over Cat Audio De-Embedding Extender Box Receiver - 4K 60Hz
Part No. CG-C2G30020

The HDMI HDBaseT + 3.5mm, USB-A, and RS232 over Cat Audio De-Embedding Extender Box Receiver - 4K 60Hz connects to a transmitter to allow a 4K HDMI source to be extended up to 130ft to a 4K display using a single Cat6a Ethernet cable. This is an ideal solution where USB 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.

The receiver extends HDMI and high speed USB 2.0 signals over a single Cat5e, Cat6 or Cat6a network patch cable. Extend 4K HDMI up to 115 feet and 1080p up to 230 feet using a Cat5e or Cat6 cable. For longer 4K distances, extend 4K HDMI up to 130 feet using a Cat6a cable.



This HDMI HDBaseT receiver is HDCP 2.2 compliant, making sure that the connection between the source and display is secure. Automatic switching is supported, connecting to the last active source. Additional analog audio output pass-through allows for audio distribution. High-speed USB 2.0 pass through is supported over HDBaseT up to 230ft for KVM control of devices such as USB cameras, keyboards, mice, etc. With PoH support, the receiver can send power to the transmitter, so no additional power adapter is required, allowing for greater flexibility in installations. Advanced users can control the transmitter via the RS232 port on receiver.

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

Note: Stranded Cat5e/6/6a patch cables may be used for HDMI extension applications up to 230ft. Shielded, solid conductor Cat6 or HDBaseT Certified Cat6a network cabling is recommended for applications where the category cable must be coiled, is run near other high-frequency signaling cables, or in high EMI/RFI environments. For best performance use an [HDBaseT Certified Cat6a Patch Cable](#).

Features & Benefits

Extend 4K at 60Hz (4:2:0) up to 130ft and 1080p at 60Hz up to 230ft with Cat 6a cable	Extend 4K at 60Hz (4:2:0) up to 115ft and 1080p at 60Hz up to 200ft with Cat 5e/6 cable
HDCP 2.2 compliant, to create a secure connection between the source and display	Supports automatic switching, following the last-in-first-out rule
Analog audio output pass-through and analog audio de-embedding of HDMI output allows for audio distribution	Supports USB 2.0 pass through over HDBT up to 230ft
One-way Power over HDBaseT (PoH), so that the transmitter can be powered by receiver	HDBaseT Chipset VS210, for simpler HDBaseT installations
Compatible Transmitters: C2G30019	

Specifications

General Info

Product Line	C2G	Color	Black
UPC Number	757120300205	Country Of Origin	China
Features	RS232	Application Sector	Commercial
Warranty Type	5-Year	Type	Active Device, HDBaseT, Receiver

Dimensions

Product Width US	8.27 in	Product Depth US	3.55 in
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Product Height US 0.98 in

Technical Information

Video Resolution	1080p, 1080p 60Hz, 4K, 4K 30Hz, 4K 60Hz	Adapter Front	RJ-45 Female, USB-A Female, 3.5mm Female, HDMI Female, DC Power Plug, USB-A Female, 3.5mm Female, USB-A Female, USB-A Female
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Operating Temperature	0°-45°C	Storage Temperature	-20° - 70° C
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