

The HDMI HDBaseT + RS232 and IR over Cat Extender Box Scaling Receiver - 4K 60Hz allows a 4K HDMI source to be extended up to 328ft to a 4K display using a single Cat6a Ethernet cable. This is an ideal solution where HDMI video and audio need to be extended to displays in conference rooms, classrooms, lecture halls, and many other installation needs that are far beyond the length limitations of standard HDMI cabling.

This scaling receiver accepts HDMI signals over a single network patch cable. Extend 4K HDMI up to 230 feet and 1080p up to 328 feet using a Cat5e or Cat6 cable. For longer 4K distances, extend 4K HDMI or up to 328 feet using a Cat6a cable.



This HDMI HDBaseT receiver is HDCP 2.2 compliant, making sure that the connection from the source is secure. The S/PDIF output allows for the de-embedding of a connected audio device. One-way PoC provides power to the transmitter with PD module via Cat cable, so no additional power adapter is required, allowing for greater flexibility in installations. The USB Micro-B input supports necessary firmware updates. Advanced users can control bi-directional IR and device control through the RS232 port. The RS232 controller has pre-loaded power on/off/standby commands and auto trigger for the display device.

This HDBaseT receiver works with [C2G30014](#), [C2G30017](#), and [C2G30018](#) transmitters.

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 30Hz (4:4:4) up to 328ft 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
Supports scaling resolution configuration for the HDMI output through DIP Switch and API commands	Built-in scaler supports up to 4K at 60Hz
HDCP 2.2 compliant, to create a secure connection between the source and display	Audio de-embedded output with S/PDIF and analog stereo options from HDMI signal
RS232 port available for device control or bi-directional RS232 pass-through (default setting)	Supports bi-directional IR pass-through
One-way PoC to provide power to the transmitter with PD module via Cat cable	Supports firmware upgrade via the Micro USB port (for scaler only)
HDBaseT Chipset VS100, for simpler HDBaseT installations	Compatible Transmitters: C2G30014, C2G30017, C2G30018 and C2G31017 (Coming Soon)

Specifications

General Info

Product Line	C2G	Color	Black
UPC Number	757120300168	Country Of Origin	China
Features	RS232	Application Sector	Commercial
Warranty Type	5-Year	Type	Active Device, HDBaseT, Receiver

Dimensions

Product Width US	9.21 in	Product Depth US	5.64 in
Product Height US	0.98 in		

Technical Information

Video Resolution	1080p, 1080p 60Hz, 4K, 4K 30Hz, 4K 60Hz	Data Transfer Rate	18 Gbps
Adapter Rear	HDMI Female	Adapter Front	USB Micro-B Female, DC Power Plug, RJ45 Female
Operating Temperature	0°-45°C	Storage Temperature	-20° - 70° C
