

The HDMI HDBaseT + RS232 and IR over Cat Extender Box Transmitter to Box Receiver (18Gbps) - 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 in conference rooms, classrooms, lecture halls, and many other installation needs are far beyond the length limitations of standard HDMI cabling.

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 supports Visual Lossless Compression (VLC), which means the compressed data will appear identical to the uncompressed data. The receiver is also HDCP 2.2 compliant, making sure that the connection from the source is secure. 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. Advanced users can control bi-directional IR and device control through the RS232 port.



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 30Hz (4:4:4) up to 230ft and 1080p at 60Hz up to 328ft with Cat 5e/6 cable
Supports Visual Lossless Compression (VLC) solution through HDBaseT	HDCP 2.2 compliant, to create a secure connection between the source and display
Supports multi-channel audio formats, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X	Supports EDID from the HDMI out
Supports CEC pass-through, allowing central control to all HDMI compatible devices	Supports bi-directional RS232 pass-through
Supports bi-directional IR pass-through	Supports bi-directional Power over Cable (PoC), one power adapter at either transmitter or receiver side can power both units
HDBaseT Chipset VS100, for simpler HDBaseT installations	

Specifications

General Info

Product Line	C2G	Color	Black
UPC Number	757120300267	Country Of Origin	China
Features	RS232	Application Sector	Commercial
Warranty Type	5-Year	Type	Active Device, HDBaseT, Transmitter

Dimensions

Product Width US	5.37 in	Product Depth US	2.92 in
------------------	---------	------------------	---------

Product Height US	0.6 in
-------------------	--------

Listing Agencies / 3rd Party Agencies

CE Certified	Yes	FCC Compliant	Yes
--------------	-----	---------------	-----

REACH Compliant	Yes
-----------------	-----

Technical Information

Max Distance Support	328 ft	Video Resolution	1080p, 1080p 60Hz, 4K, 4K 30Hz, 4K 60Hz
----------------------	--------	------------------	---

Storage Humidity	10-90% RH (Non-Condensing)	Signal Transmission	Unidirectional
------------------	----------------------------	---------------------	----------------

Data Transfer Rate	18 Gbps	Connector 2	RJ45 Female, HDMI Female, DC Power Plug
--------------------	---------	-------------	---

Connector 1	HDMI Female, RJ45 Female, DC Power Plug	Video Output Support	HDMI
-------------	---	----------------------	------

Operating Temperature	0°-45°C, 32°-113°F	Operating Humidity	10-90% RH (Non-Condensing)
-----------------------	--------------------	--------------------	----------------------------

Video Input Support	HDMI	Storage Temperature	-20° - 70° C, -4° - 158° F
---------------------	------	---------------------	----------------------------
