HDMI over CAT5 HDBaseT Extender - Power over Cable - IR - RS232 - 10/100 Ethernet - Ultra HD 4K - 330 ft (100m)

Product ID: ST121HDBT5

The StarTech.com HDBaseT Extender Kit, extends HDMI up to 330 feet (100 Meters) over a single CAT5e or CAT6 cable. The extender supports Ultra HD and Full HD resolutions (4K / 1080p) with support for 3D and the accompanying 7.1 digital audio. For added versatility, both the transmitter and receiver can be powered from one power source using Power Over Cable (POC). The versatility of this video extender makes it an ideal solution for digital signage applications in large buildings such as commercial shopping centers, stadiums, schools, and hospitals.

What is HDBaseT?

HDBaseT is a standardized, zero latency, video distribution technology that's revolutionizing HDMI distribution. HDBaseT uses an advanced method of modulation that enables you to distribute uncompressed HDMI audio and video along with additional signals such as 100BaseT Ethernet, IR, RS-232 serial and power over cable.

Extend More than Video with HDBaseT

The extender offers HDBaseT technology with HDMI, IR, RS232, Ethernet, and power in a single extender kit, for complete end-to-end control. Offering greater versatility than traditional HDMI extenders or HDMI cabling alone HDBaseT is the clear choice for every integrator and system designer. The IR extension enables you to operate your display and an IR-enabled source device, such as a Blu-ray player or TV Set top box, from either end of your extension. RS232 control let you to connect a serial I/O device at your display - an ideal solution for adding a serial touch screen interface to your remote display for interactive digital signage presentations. While the built-in 6-Port Ethernet hub lets you connect 5 IP devices to your network (3 remote, 2 local).

Astonishing Picture Quality at 295 Feet Away

With the A/V industry adopting 4K as its new high-resolution standard, long-range video distribution can be difficult, especially considering the 4K distance limitations on standard HDMI cables. You'll be amazed at how this HDBase-T extender kit can deliver your 4K video signal at up to 295 ft. away from your video source.

The extender kit is also backward compatible with 1080p at 330 feet (100 m), so you can comfortably use it to make any video source look great.

Hassle-free, Professional Installation with a Single Cable

This extender has been specially crafted for a smooth, tidy setup. HDBaseT technology allows for single cable installation, for seamless integration using existing CAT5e or CAT6 infrastructure, avoiding the hassle of running multiple cables, while reducing potential failure points. Plus, the added benefit of power over cable means you'll only need one power source to power both your extender and receiver, great for extending to areas where power outlets may be limited. Mounting hardware is also included for both the extender and receiver for discrete, professional mounting.

The ST121HDBT5 is TAA compliant and backed by a StarTech.com 2-year warranty with free lifetime technical support.

Certifications, Reports and Compatibility

RoHS & REACH
DOWNLOAD DECLARATION

CE

HDBT™

FC

TAA COMPLIANT

Applications

- Extend an HDMI signal to locations where power outlets are limited
- Connect IP devices such as Smart TVs, computers, and gaming consoles to the Interent or Local network on either side of the extender
- Connect a remote RS232 device such as a serial touchscreen monitor, or a serial modem to your local computer
- At tradeshows and auditoriums, remotely place your demo display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and secure environment
- Control your IR video source with remote control from the remote display

Features

- Save cost by extending HDMI, Ethernet, RS-232, IR, and Power over a single Cat5 cable, using HDBaseT technology
- Astonishing picture quality with support for UHD 4K resolutions at up to 295 ft. (90 m)
- Supports HD 1080p resolutions at up to 330 ft. (100 m)
- Tidy, professional installation with optional mounting hardware included and extension over a single cable
- Built-in 10/100 extender hub
- Supports CAT5e and CAT6 Ethernet cable
- HDMI transmitter and receiver included
- No software / drivers required

Hardware	Warranty	2 Years
	Audio	Yes
	Cabling	Cat 5 UTP or better
	Daisy-Chain	No
	Ports	1
	Rack-Mountable	Yes
Performance	Audio Specifications	7.1 Surround Sound
	Max Distance	100 m / 330 ft
	Maximum Cable Length	328 ft [100 m]
	Maximum Digital Resolutions	4096 x 2160 (4K) @ 30 Hz (35 meters) 1920 x 1080 (1080p) @ 60 Hz (100 meters)
	Supported Resolutions	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
	Wide Screen Supported	Yes
Connector(s)	Local Unit Connectors	1 - HDMI (19 pin)
		1 - RJ-45
		1 - DB-9 (9 pin, D-Sub)
		2 - IrDA (Infrared, SIR/FIR)
		3 - RJ-45
	Remote Unit Connectors	1 - HDMI (19 pin)
		1 - RJ-45
		1 - DB-9 (9 pin, D-Sub)
		2 - IrDA (Infrared, SIR/FIR)
		3 - RJ-45
Indicators	LED Indicators	1 - Status LED
		3 - LAN Activity LEDs
Power	Input Current	0.5 A
	Input Voltage	100 ~ 240 AC
	Output Current	1.5 A
	Output Voltage	12 DC
	Power Consumption (In Watts)	18

	Power Source	AC Adapter Included
Environmental	Humidity	0% - 80 % RH (non-condensing)
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 60°C (14°F to 140°F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum
	Product Height	1.5 in [3.7 cm]
	Product Length	5.5 in [13.9 cm]
	Product Width	3.5 in [89 mm]
	Weight of Product	30.3 oz [859 g]
Packaging Information	Package Height	2.9 in [74 mm]
	Package Length	12.3 in [31.3 cm]
	Package Width	7 in [17.9 cm]
	Shipping (Package) Weight	3.6 lb [1.6 kg]
What's in the Box	Included in Package	1 - HDMI extender
		1 - HDMI receiver
		1 - IR sensor kit (transmitter cable & receiver cable)
		1 - CAT5 cable
		2 - grounding wires
		2 - mounting brackets
		2 - foot pad sets
		1 - universal power adapter (NA, EU, UK, AU)
		1 - instruction manual

Product appearance and specifications are subject to change without notice.