

# HDMI over CAT5 HDBaseT Extender - 4K

Product ID: ST121HDBTPW



This 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 by the same single 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

For greater versatility than a traditional HDMI extender or HDMI cabling alone, this HDBaseT extender offers HDMI + Power Over Cable in a single kit. The added benefit of power over cable means you'll only need one power source at either side of your extension, great for extending to areas where power outlets may be limited.

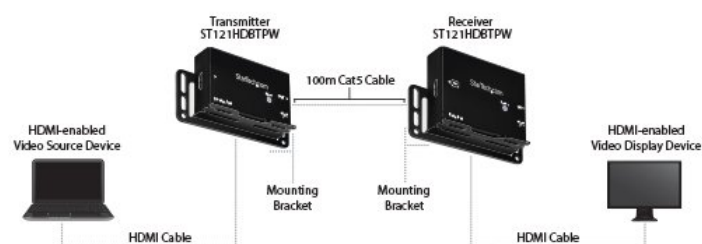
## Astonishing 4K picture quality from an impressive distance

With the A/V industry quickly adopting 4K as the new high-resolution video standard, long range video distribution can be a challenge with standard HDMI cables beginning signal degradation at 30 feet. With support for 4K you'll be amazed at how HDBaseT maintains your Ultra HD picture quality, four times the resolution of high-definition 1080p, even at 130 feet away from your video source. Plus, because the extender supports High-Definition 1080p and lower resolutions at 330 feet away, you can comfortably use this extender 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 ST121HDBTPW is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.



### Certifications, Reports and Compatibility



### Applications

- Extend HDMI to locations where power outlets are limited
- Place the display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and secure environment
- Optimize placement of your demo stations at tradeshow and in auditoriums

### Features

- Extend video where power outlets are limited with HDBaseT offering power over cable that powers both the transmitter and receiver using a single power source at either side of the connection
- Maintains astonishing picture quality up to 115 ft. (35 m) away, with support for UltraHD 4K over non-proprietary CAT5e or CAT6 cabling
- Also supports HD video resolutions such as 1920x1200 or 1080p at distances up to 330 ft. (100m)
- Extend HDMI, and Power over Cable all through one Cat5e or CAT6 cable with HDBaseT
- Hassle-free, professional installation with included mounting brackets, and full video extension existing infrastructure
- HDMI transmitter and receiver included
- No software or drivers required
- Dolby® TrueHD, DTS-HD MA Audio
- 100m (330ft) maximum Cat5 cable distance

<b>Hardware</b>	Warranty	2 Years
	Audio	Yes
	AV Input	HDMI
	AV Output	HDMI
	Cabling	Cat 5e UTP or better
	Daisy-Chain	No
	Ports	1
<b>Performance</b>	Audio Specifications	7.1 Surround Sound
	Max Distance	100 m / 330 ft
	Maximum Cable Length	100 m [328 ft]
	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
<b>Connector(s)</b>	Connector A	1 - HDMI (19 pin)  1 - RJ-45
	Connector B	1 - HDMI (19 pin)  1 - RJ-45
<b>Special Notes / Requirements</b>	<b>Note</b>	If you want to add more displays, you can daisy chain this product with the HDBaseT repeater ST121HDBTRP.
<b>Indicators</b>	LED Indicators	1 - Status (transmitter)  1 - Status (receiver)
<b>Power</b>	Input Current	0.5 A
	Input Voltage	100 - 240 AC
	Output Current	1.5 A
	Output Voltage	12V DC
	Plug Type	M
	Power Consumption (In Watts)	18
	Power Source	AC Adapter Included
<b>Environmental</b>	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)
<b>Physical Characteristics</b>	Material	Aluminum
	Product Height	2.5 cm [1 in]
	Product Length	80 mm [3.1 in]
	Product Width	67 mm [2.6 in]
	Weight of Product	423 g [14.9 oz]
<b>Packaging Information</b>	Package Height	72 mm [2.8 in]
	Package Length	29.5 cm [11.6 in]
	Package Width	19.6 cm [7.7 in]
	Shipping (Package) Weight	1.2 kg [2.6 lb]
<b>What's in the Box</b>	Included in Package	1 - HDMI extender
		1 - HDMI receiver
		4 - mounting brackets
		2 - foot pad set
		1 - universal power adapter (NA / EU / UK / AU)
		2 - grounding wires
		1 - 4ft (1m) Cat5e Cable
		2 - screw sets
		1 - instruction manual

Product appearance and specifications are subject to change without notice.