

# 4K HDMI Extender with Compact Transmitter - HDBaseT - UHD 4K

Product ID: ST121HDBTDK



This 4K HDMI extender uses HDBaseT to transmit your HDMI A/V signal to a remote location up to 70 m (230 ft.) away.

## Easy and Discreet Installation

The transmitter in this HDMI HDBaseT extender kit features a small footprint and built-in HDMI cable that connects directly to your source for reduced clutter. It's powered from a USB port on your source device, which makes it easier to install in areas where power outlets may be limited. Mounting hardware is included for the receiver for a discreet, professional installation.

## **Get 4K Video at 130 ft. (40 m)**

This HDMI over CAT6 extender maintains your UHD 4K picture quality, even at 130 feet away from your video source. Because the extender is backward compatible with 1080p and lower resolutions at 230 feet away, you can comfortably use this extender to make any video source look great. The extender also supports 7.1 audio to ensure all audio channels are captured.

## **Seamless Integration with Your Existing Infrastructure**

The kit extends HDMI over a single cable, unlike some HDMI extenders that require two cables, reducing potential failure points and lowering your cabling costs. Ideal for digital signage, the HDMI over CAT6 extender uses standard CAT5e, CAT6 or CAT7 cables to extend HDMI video over the Ethernet infrastructure that's already in your building.

The ST121HDBTDK is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Transmit an HDBaseT signal to a boardroom or classroom projector
- Distribute digital signage in large buildings like shopping centers, stadiums, schools, and hospitals
- Power your transmitter using the USB port on your video source

### Features

- Simple and versatile installation with a compact, USB-powered transmitter that features a built-in HDMI cable
- Astonishing picture quality with support for UHD resolutions up to 4K
- Easy integration with existing CAT5/CAT6/CAT7 infrastructure
- Mounting hardware included
- 7.1 audio support

<b>Hardware</b>	Warranty	2 Years
	Audio	Yes
	Cabling	Cat 5e UTP or better
	Daisy-Chain	No
	Ports	1
	Rack-Mountable	Yes
<b>Performance</b>	Audio Specifications	7.1 Surround Sound
	Max Distance	70 m / 230 ft
	Maximum Cable Length	0.2 ft [0.1 m]
	Maximum Digital Resolutions	4096 x 2160 (4K) @ 30 Hz
	Wide Screen Supported	Yes
<b>Connector(s)</b>	Local Unit Connectors	1 - HDMI (19 pin) Latching Female Input 1 - RJ-45 Female Output
	Remote Unit Connectors	1 - HDMI (19 pin) Female Output 1 - RJ-45 Female Input
	LED Indicators	1 - Status LED (receiver)
	<b>Power</b>	Center Tip Polarity
Input Current		0.6 A
Input Voltage		100 ~ 240 AC
Output Current		1.5 A
Output Voltage		12 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>	Product Height	1 in [25 mm]
	Product Length	3.1 in [80 mm]
	Product Weight	8.9 oz [252 g]
	Product Width	2.7 in [68 mm]

<b>Packaging Information</b>	Shipping (Package) Weight	3.5 lb [1.6 kg]
<b>What's in the Box</b>	Included in Package	<ul style="list-style-type: none"> <li>1 - HDBaseT transmitter</li> <li>1 - HDBaseT receiver</li> <li>1 - USB power cable (transmitter) (1310 mm)</li> <li>1 - universal power adapter (receiver) (NA, EU, UK, ANZ)</li> <li>1 - mounting kit (receiver)</li> <li>1 - screw kit for mounting</li> <li>1 - footpad set (receiver)</li> <li>1 - quick start guide</li> </ul>
	AV Input	HDMI
	AV Output	HDMI
	Connector A	<ul style="list-style-type: none"> <li>1 - HDMI (19 pin) Female Input</li> <li>1 - RJ-45 Female Output</li> </ul>
	Connector B	<ul style="list-style-type: none"> <li>1 - HDMI (19 pin) Female Output</li> <li>1 - RJ-45 Female Input</li> </ul>

Product appearance and specifications are subject to change without notice.