

## HDMI over CAT5 HDBaseT Extender - 4K - 330 ft (100m)

StarTech 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 Picture Quality at 330 Feet Away

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 HDBaseT you'll be amazed at how Ultra HD picture quality, four times the resolution of high-definition 1080p can be maintained even at 330 feet away from your video source. Plus, because the extender supports High-Definition 1080p and lower resolutions at 330, you can comfortably use this extender to make any video source look great, while future proofing your setup for 4K implementation.

## **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 backed by a 2-year StarTech.com warranty and free lifetime technical support.

### **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
- Maintain astonishing picture quality up to 330 feet away, with support for UltraHD 4K over non-proprietary CAT5e or CAT6 cable
- Hassle-free, professional installation with included mounting brackets, and full video extension existing infrastructure
- HDMI transmitter and receiver included
- Extend HDMI, and Power over Cable all through one Cat5e or CAT6 cable with HDBaseT
- 1080p and 4K resolution support
- No software or drivers required
- Dolby® TrueHD, DTS-HD MA Audio
- 100m (330ft) maximum Cat5 cable distance

Technical Specifications

Warranty	2 Years
Enclosure Type	Aluminum
Product Height	1 in [25 mm]
Product Length	3.1 in [80 mm]
Product Weight	15.1 oz [429 g]
Product Width	2.6 in [67 mm]
Audio	Yes
Cabling	Cat 5e UTP or better
Daisy-Chain	No
Output Signal	HDMI
Ports	1
Audio Specifications	7.1 Surround Sound
Max Distance	100 m / 330 ft
Maximum Cable Length	328 ft [100 m]
Maximum Digital Resolutions	4K
Supported Resolutions	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
Wide Screen Supported	Yes
Connector A	1 - HDMI (19 pin)
Connector A	1 - RJ-45
Connector B	1 - HDMI (19 pin)
Connector B	1 - RJ-45
LED Indicators	1 - Status (transmitter)
LED Indicators	1 - Status (receiver)
Input Current	0.5 A
Input Voltage	100 ~ 240 AC
Output Current	1.5 A
Output Voltage	12 DC
Power Source	AC Adapter Included
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)
Shipping (Package) Weight	40 oz [1134 g]
Included in Package	1 - HDMI extender
Included in Package	1 - HDMI receiver
Included in Package	4 - Mounting brackets
Included in Package	2 - Foot pad set
Included in Package	1 - Universal Power Adapter (NA/EU/UK) and AU in Australia
Included in Package	2 - Grounding Wire
Included in Package	1 - 4ft (1m) Cat5e Cable
Included in Package	2 - Screw set
Included in Package	1 - Instruction Manual

## Certifications, Reports and Compatibility

