HDBaseT Extender Kit with Compact Transmitter - HDMI over CAT5 - Up to 4K

StarTech ID: ST121HDBTDK

This compact extender kit uses HDBaseT™ technology to extend your HDMI® signal up to 230 feet (70 meters), over a single CAT5e or CAT6 cable. The extender supports Ultra HD and Full HD video resolutions (4K and 1080p), with support for the accompanying digital 7.1 audio.

Easy and discreet installation

For a simple and tidy installation, the transmitter in this HDBaseT extender kit features a small footprint and a built-in HDMI cable that connects directly to your video source, reducing clutter by eliminating the need for a local HDMI cable.

You can power the transmitter using a USB port on your source device, which makes it easier to install in areas where power outlets may be limited. Mounting hardware is also included for the receiver ensuring a discreet, professional installation. The simplicity and versatility of this compact transmitter make it a convenient solution for transmitting an HDBaseT signal to a boardroom or classroom projector, enabling presenters in your office to quickly connect their laptop computer and share presentations or data sheets.

The simplicity and versatility of this video extender make it the ideal solution for digital signage applications in large buildings such as shopping centers, stadiums, schools, and hospitals.

Seamless integration with your existing infrastructure

The kit extends HDMI and 7.1 surround sound over a single cable, unlike some HDMI extenders that require two cables and only offer minimal audio support. Extending HDMI with one cable reduces potential failure points and also lowers your cabling costs. Plus, because the HDBaseT extender kit uses standard CAT5e, CAT6 or CAT7 cables, it works with existing Ethernet infrastructure that's already built into large commercial buildings such shopping centers, stadiums, schools, and hospitals, making it the perfect solution for deploying digital signage.

Astonishing 4K picture quality from an impressive distance

With high-quality HDMI cables beginning signal degradation at 30 feet, it can be difficult to maintain the brilliance of 4K video even at shorter distances. But with HDBaseT you'll be amazed at how your Ultra HD picture, four times the resolution of high-definition 1080p, is just as brilliant, even at distances up to 130 feet from your video source.

Even if you're not running 4K, HDBaseT supports High-Definition 1080p and lower resolutions at even greater distances, up to 230 feet from your source, giving you piece of mind to know that this extender will comfortably work with any HDMI video source and display.

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, over a single Ethernet cable. Offering greater versatility than traditional HDMI extenders and longer distances than HDMI cables alone, HDBaseT is the clear choice for every integrator and system designer, because it can do so much, with just a single cable.

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

Applications

- 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 tradeshows and in auditoriums
- Create brilliant digital signage displays in hospitals, shopping centers or restaurants

Features

- Easy and discreet setup, with a compact transmitter that's USB powered and features a built-in HDMI cable
- Maintain astonishing picture quality up to 130 feet away, with support for UltraHD 4K over non-proprietary CAT5e or CAT6 cabling
- Tidy, professional installation with included mounting brackets
- Also supports HD video resolutions such as 1920x1200 or 1080p up to 230 ft. away
- No software or drivers required with plug-and-play installation
- Dolby® TrueHD, DTS-HD MA Audio
- Supports HD video resolutions such as 1920x1200 or 1080p up to 230 ft. away

Technical Specifications

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

Product Weight	252 g [8.9 oz]
Product Width	68 mm [2.7 in]
Shipping (Package) Weight	1600 g [56.5 oz]
Included in Package	1 - HDBaseT transmitter
Included in Package	1 - HDBaseT receiver
Included in Package	1 - USB power cable (transmitter) (1310mm)
Included in Package	1 - universal power adapter (receiver) (NA / EU / UK / AU)
Included in Package	1 - mounting kit (receiver)
Included in Package	1 - screw kit for mounting
Included in Package	1 - footpad set (receiver)
Included in Package	1 - quick start guide

Certifications, Reports and Compatibility

RoHS Compliant
Available

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