

Compact HDBaseT Transmitter - HDMI over CAT5e - USB Powered - Up to 4K

Product ID: ST121HDBTD



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

For a simple and tidy installation, the HDBaseT transmitter features a small footprint and a built-in HDMI cable that connects directly to your video source, reducing clutter by eliminating the need for an HDMI cable at your local source. The transmitter is powered using USB, which means you can use a USB port on your source device to power the transmitter, which is perfect for extending from areas where power outlets may be limited.

The compact transmitter works seamlessly with other HDBaseT equipment, such as HDBaseT displays, projectors, and receivers. The simplicity and versatility of this compact transmitter make it the ideal 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.

This transmitter 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 while also lowering your cost in cabling.

Plus, because the HDBaseT transmitter uses standard network cables, it works with existing Ethernet infrastructures. This makes it the perfect solution for deploying digital signage in large buildings such as shopping centers, stadiums, schools or hospitals.

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.

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 ST121HDBTD is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Transmits your HDMI video signal from a secure location to a remote HDBaseT display, projector or receiver, in a convenient, customer-facing viewing area
- Turns your HDMI video source into an HDBaseT signal that can be used to create brilliant digital signage displays in hospitals, shopping centers or restaurants
- Replaces a defective HDBaseT transmitter in your existing HDBaseT infrastructure

Features

- Installs easily and discreetly, with a compact transmitter that's USB powered and features a built-in HDMI cable
- Maintains astonishing picture quality up to 130 feet away, with support for UltraHD 4K over non-proprietary CAT5e or CAT6 cabling
- Ensures compatibility with your existing HDBaseT hardware, with HDCP compliance
- 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

Hardware

| | |
|----------------|----------------------|
| Warranty | 2 Years |
| Ports | 1 |
| Cabling | Cat 5e UTP or better |
| Audio | Yes |
| Rack-Mountable | No |
| Daisy-Chain | No |

Performance

| | |
|-----------------------------|--------------------------|
| Maximum Cable Length | 2.8 in [70 mm] |
| Max Distance | 70 m / 230 ft |
| Maximum Digital Resolutions | 4096 x 2160 (4K) @ 30 Hz |
| Wide Screen Supported | Yes |
| Audio Specifications | 7.1 Surround Sound |

Connector(s)

| | |
|-----------------------|------------------------|
| Local Unit Connectors | HDMI (19 pin) RJ-45 |
|-----------------------|------------------------|

Power

| | |
|--------------|-------------|
| Power Source | USB-Powered |
|--------------|-------------|

Environmental

| | |
|-----------------------|-------------------------------|
| Operating Temperature | 0C to 40C (32F to 104F) |
| Storage Temperature | -10C to 60C (14F to 140F) |
| Humidity | 0% - 80 % RH (non-condensing) |

Physical Characteristics

| | |
|-------------------|-----------------|
| Color | Black |
| Material | Steel |
| Product Length | 12.2 in [31 cm] |
| Product Width | 1.4 in [35 mm] |
| Product Height | 1.0 in [25 mm] |
| Weight of Product | 3.8 oz [108 g] |

Packaging Information

| | |
|----------------|------------------|
| Package Length | 6.1 in [15.6 cm] |
| Package Width | 3.9 in [99 mm] |
| Package Height | 1.9 in [47 mm] |



| | |
|------------------------------|----------------|
| Shipping (Package) Weight | 7.4 oz [210 g] |
|------------------------------|----------------|

What's in the Box

| | |
|---------------------|-------------------------------------|
| Included in Package | HDMI transmitter |
| | 4.3 ft. [1.3 m] USB cable for power |
| | quick start guide |

****Product appearance and specifications are subject to change without notice.***

