

## HDMI over CAT6 Extender with 4-port USB Hub - 165 ft (50m) - 1080p

Product ID: ST121USBHD



This HDMI® extender kit lets you transmit your 1080p HD video source to your remote HDMI display at distance of up to 165 ft. away (50 m) using shielded CAT6 cabling. The extender features a built-in 4-port USB 2.0 hub that also lets you connect four remote USB peripheral devices at your display location.

### Crystal-clear picture quality

Using this HDMI extender, you can maintain the quality of your high-definition video signal along with the accompanying 7.1 digital audio, even at 165 feet away from your source device. The extender supports resolutions up to 1920x1200 or 1080p - perfect for dazzling your audience in remote digital-signage applications in hospitals or at shopping centers.

## **Hassle-free remote USB integration**

The built-in 4-port USB 2.0 hub lets you remotely connect, access or control up to four USB devices located at your remote display - great for flash drives, printers, scanners, external hard drives and I/O devices. Remote USB extension also enables you to remotely control your source device, which is ideal for adding touchscreen interfaces at your display in market or POS kiosks.

## **Easy installation and setup**

For hassle-free setup the HDMI extender offers easy plug-and-play installation with no additional software or drivers required. Plus, the extender passes the EDID information included in your HDMI signal, and automatically adjusts video equalization ensuring you won't have to configure it manually. Mounting hardware is also included, for a tidy and professional installation.

Note: To maximize performance this extender requires shielded CAT6 cable. When using unshielded CAT6 cable the maximum distance is reduced to 30m. When using CAT5 cable the maximum distance is reduced to 15m.

The ST121USBHD is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Place your display in a convenient viewing area, while your system equipment is installed elsewhere in a clean and secure environment
- Optimize placement of your demo stations at tradeshow and in auditoriums
- Operate one or more servers from a remote location within the same building or campus
- Control your PC in an area where fan or hard drive noise is unacceptable, such as a television broadcast studio

### Features

- Crystal-clear picture quality, with support for uncompressed 1920x1200 or 1080p HD video extension
- Easy remote peripheral integration, with a built-in 4-port USB hub
- Tidy, professional installation using the included mounting hardware
- Extends HDMI video and four USB peripheral devices up to 165 ft
- Supports CAT5e and CAT6 Ethernet cable
- HDMI transmitter and receiver included

|                                 |                              |                                                                                                           |
|---------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                 | Warranty                     | 2 Years                                                                                                   |
|                                 | Audio                        | Yes                                                                                                       |
|                                 | AV Input                     | HDMI                                                                                                      |
|                                 | Cabling                      | Cat 5 UTP or better                                                                                       |
|                                 | Daisy-Chain                  | No                                                                                                        |
|                                 | Ports                        | 1                                                                                                         |
| <b>Performance</b>              | Audio Specifications         | Supports Dolby TrueHD, DTS-HD MA                                                                          |
|                                 | IR Interface                 | Bi-directional<br>38Khz / ±10° / 5M                                                                       |
|                                 | Max Distance                 | 50 m / 165 ft                                                                                             |
|                                 | Maximum Data Transfer Rate   | HDMI - 3.4Gbps<br>RS232 - 115200bps baud                                                                  |
|                                 | Maximum Digital Resolutions  | 1080p @ 60Hz, 48-bit                                                                                      |
|                                 | Wide Screen Supported        | Yes                                                                                                       |
| <b>Connector(s)</b>             | Connector A                  | 1 - HDMI (19 pin) Female Input<br>2 - USB Mini-B (5 pin) Female                                           |
|                                 | Connector B                  | 1 - HDMI (19 pin) Female Output<br>4 - USB Type-A (4 pin) USB 2.0 Female<br>1 - USB Mini-B (5 pin) Female |
| <b>Power</b>                    | Output Current               | 1 A                                                                                                       |
|                                 | Output Voltage               | 5 DC                                                                                                      |
|                                 | Plug Type                    | N                                                                                                         |
|                                 | Power Consumption (In Watts) | 5                                                                                                         |
|                                 | 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               | 0.8 in [2.1 cm]                                                                                           |
|                                 | Product Length               | 3.2 in [82 mm]                                                                                            |
|                                 | Product Width                | 3.2 in [82 mm]                                                                                            |
|                                 | Weight of Product            | 16.2 oz [460 g]                                                                                           |

**Packaging Information**

|                           |                   |
|---------------------------|-------------------|
| Package Height            | 2.8 in [71 mm]    |
| Package Length            | 7.1 in [18 cm]    |
| Package Width             | 12.2 in [30.9 cm] |
| Shipping (Package) Weight | 2.4 lb [1.1 kg]   |

**What's in the Box**

|                     |                                           |
|---------------------|-------------------------------------------|
| Included in Package | 1 - HDMI over CAT6 transmitter            |
|                     | 1 - HDMI over CAT6 receiver               |
|                     | 2 - Ethernet cables                       |
|                     | 2 - USB to Mini-USB cables                |
|                     | 1 - universal power adapter (NA/EU/UK/AU) |
|                     | 1 - mounting kit                          |
|                     | 1 - quick install guide                   |

Product appearance and specifications are subject to change without notice.