Multi-Input HDBaseT Extender with Built-in Switch - DisplayPort, VGA and HDMI Over CAT5 or CAT6 - Up to 4K

Product ID: STDHVHDBT

This multi-input video extender kit uses HDBaseT™ technology to extend your video signals up to 230 feet (70 meters) over a single CAT5e or CAT6 cable. It features a built-in video switch that enables you to choose which video source is outputted from four independent video sources (2 x HDMI, 1 x VGA and 1 x DisplayPort).The video extender supports Ultra HD 4K and Full HD 1080p video resolutions, with support for the accompanying digital 7.1 audio.

Seamless multi-interface operation, with a switch and extender in one

This HDBaseT extender features a built-in converter switch, so you can connect two HDMI sources as well as a VGA and a DisplayPort video source to the same remote HDMI display, without having to use additional adapters or scalers or a separate video switch.

With support for multiple video sources and HDBaseT, this extender is the perfect solution for adding a large display to your boardroom or classroom, enabling BYOD laptops with HDMI, DisplayPort or VGA outputs to share their display with the room.

Effortless control with automatic or priority switching

The extender switch ensures hassle-free operation, with two different auto-switching modes: auto-detect switching, which detects and selects a newly connected device, or priority selection, which lets you choose which port should be activated by default for automatic switching.

The multi-input video extender kit is perfect for digital signage applications, where an automatic switch can replace a failed source with a secondary input to avoid embarrassing video outages. Plus, the combined built-in HDBaseT functionality means you can connect a remote digital signage display with one kit that reduces failure points.

Hassle-free integration with your existing infrastructure

The kit extends your video signal over a single cable, unlike some video extender systems that require two cables and only offer minimal audio support. Extending your video with one cable reduces potential failure points and also lowers your cabling costs.

Using standard CAT5e, CAT6 or CAT7 cables, the HDBaseT extender works with existing Ethernet infrastructure that's already built into large commercial buildings such as 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 peace of mind knowing that this extender will comfortably work with any HDMI video source and display.

What is HDBaseT?

HDBaseT is a zero-latency connectivity standard 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 STDHVHDBT is TAA compliant and backed by a StarTech.com 2-year warranty with free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Use in your classroom or boardroom display, to enable presenters to connect a wide range of devices
- Automatically switch between your set-top box or computer, for remote entertainment displays, in hospitality settings, such as restaurants, bars or hotels
- Create brilliant digital signage displays in large commercial settings such as hospitals, shopping centers or stadiums

Features

- Save the hassle and expense of using multiple hardware devices, with a switch and extender in one device that accommodates VGA, DP and HDMI inputs
- Maintain astonishing picture quality up to 130 feet away, with support for UltraHD 4K over non-proprietary CAT5e or CAT6 cabling
- Supports HD video resolutions such as 1920x1200 or 1080p at distances up to 230 ft. (70 m)
- Tidy, professional installation with included mounting brackets
- No software or drivers required with plug-and-play installation
- Dolby® TrueHD, DTS-HD MA Audio

Hardware	Warranty	2 Years
	Audio	Yes
	Cabling	Cat 5e UTP or better
	Daisy-Chain	No
	Ports	1
	Rack-Mountable	Yes
Performance	Audio Specifications	7.1 Surround Sound
	Max Distance	70 m / 230 ft
	Maximum Cable Length	229.6 ft [70 m]
	Maximum Digital Resolutions	4096 x 2160 (4K) @ 30 Hz (35 meters) 1920 x 1080 (1080p) @ 60 Hz (70 meters)
	Supported Resolutions	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
	Wide Screen Supported	Yes
Connector(s)	Local Unit Connectors	2 - HDMI (19 pin) Female Input
		1 - DisplayPort (20 pin) Female Input
		1 - 3.5 mm Mini-Jack (3 Position) Female Input
		1 - VGA (15 pin, High Density D-Sub) Female Input
		1 - HDMI (19 pin) Female Output
		2 - IrDA (Infrared, SIR/FIR) Female
		1 - RJ-45 Female Output
	Remote Unit Connectors	1 - RJ-45 Female Input
		1 - HDMI (19 pin) Female Output
Indicators	LED Indicators	4 - port selection LEDs
		2 - status LEDs (local)
		1 - Status LED (remote)
Power	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 Consumption (In Watts)	18
	Power Source	AC Adapter Included
Environmental	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)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum
	Product Height	1.6 in [4 cm]
	Product Length	3.9 in [10 cm]
	Product Width	6.3 in [16 cm]
	Weight of Product	32.4 oz [918 g]
Packaging Information	Package Height	2.4 in [62 mm]
	Package Length	11.7 in [29.8 cm]
	Package Width	8.1 in [20.5 cm]
	Shipping (Package) Weight	3.7 lb [1.7 kg]
What's in the Box	Included in Package	1 - multi-input HDBaseT extender
		1 - HDBaseT receiver
		1 - IR remote control
		1 - universal power adapter (NA, EU, UK, ANZ)
		2 - mounting brackets
		1 - RJ11-to-RS232 converter
		1 - 5 ft [1.5m] RJ11 cable
		1 - 4 ft [1.2 m] RJ45 cable
		8 - foot pads
		1 - screw kit
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.