Multi-Input HDBaseT Extender Kit with Built-In Switch and Video Scaler

Product ID: ST121HDBTSC

This multi-input HDBaseT extender kit extends your A/V signals to a remote location up to 230 ft. (70 m) away. It features a built-in switch and scaler, so you can choose which video source is output from four independent video sources (2 x HDMI, 1 x VGA and 1 x DisplayPort).

The HDBaseT extender's built-in converter switch lets you connect two HDMI sources, a VGA source, and a DP source to the same remote and local HDMI display. You don't need adapters or scalers, or a video switch.

Along with manually switching your video source with easy-to-use buttons, the video extender ensures hassle-free operation with two auto-switching modes: auto-detect switching, which detects and selects a newly connected device, and priority selection, which lets you choose which port is activated by default, for automatic switching.

This HDBaseT extender features a built-in scaler that scales the image to 1080p, so you can rest assured your HDMI display will intuitively work with any source that's connected through it. Scaling is easy to do, with an intuitive OSD that's accessible using buttons on the remote receiver. Newer HDMI displays no longer support legacy resolution video signals. Without support for these common VGA resolutions, your source may not work with your new HDMI display.

The extender kit maintains your HD picture quality, even at 230 ft. (70 m) away from your video source, ensuring you can provide the best possible viewing experience.

The ST121HDBTSC is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Create brilliant digital signage displays in large public settings such as hospitals, shopping centers or stadiums

• Automatically switch between your set-top box or computer, for remote entertainment displays, in hospitality settings such as restaurants, bars or hotels

Features

• Save hassle and expense with a switch and extender in one device, that accommodates VGA, DP and HDMI inputs

• Ensure perfect video connectivity, every time, with a built-in video scaler

• Get crystal-clear picture quality at impressive distances with 1080 resolution at up to 230 ft.

Hardware

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

Performance

	Maximum Cable Length	229.6 ft [70 m]
	Max Distance	70 m / 230 ft
	Maximum Digital Resolutions	1920x1200 @ 60 Hz
	Supported Resolutions	1920x1200 @ 60 Hz, 1920x1080 (1080p), 1680x1050, 1600x1200, 1440x900, 1400x1050, 1366x768, 1280x800, 1360x768, 1280x1024, 1280x720 (720p), 1024x768, 800x600, 640x480
		<i>Lower resolutions and refresh rates are also supported.
	Wide Screen Supported	Yes
	Audio Specifications	2-channel

Connector(s)

	Local Unit Connectors	HDMI (19 pin)
		DisplayPort (20 pin)
		VGA (15 pin, High Density D-Sub)

		3.5 mm Mini-Jack (3 Position)
		HDMI (19 pin)
		IrDA (Infrared, SIR/FIR)
		RJ-45
		RJ-11
	Remote Unit Connectors	RJ-45
		HDMI (19 pin)
		RJ-11

Indicators

	LED Indicators	selected port LEDs (transmitter)
		status LEDs (transmitter)
		input LEDs (receiver)
		status LED (receiver)
		selected port LEDs (receiver)

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.6 A
	Output Voltage	12V DC
	Output Current	1.5 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	18

Environmental

	Operating Temperature	0 to 40C (32F to 104F)

	Storage Temperature	-10 to 60C (14F to 140F)
	Humidity	0% - 80 % RH (non-condensing)

Physical Characteristics

	Color	Black
	Material	Aluminum
	Product Length	4.2 in [10.6 cm]
	Product Width	2.4 in [61.0 mm]
	Product Height	2.6 in [67.0 mm]
	Weight of Product	4.5 lb [2.0 kg]

Packaging Information

	Package Quantity	1
	Package Length	6.3 in [16.0 cm]
	Package Width	3.9 in [98.0 mm]
	Package Height	1.6 in [40.0 mm]
	Shipping (Package) Weight	2.4 lb [1.1 kg]

What's in the Box

	Included in Package	HDBaseT transmitter
		HDBaseT scaler receiver
		remote control
		RJ-11 to RS-232 adapter
		RJ-11 cable
		sets of mounting brackets
		universal power adapter (NA/JP, EU, UK, ANZ)
		IR blaster
		IR receiver

sets of rubber feet

quick-start guide

Product appearance and specifications are subject to change without notice.