

## 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

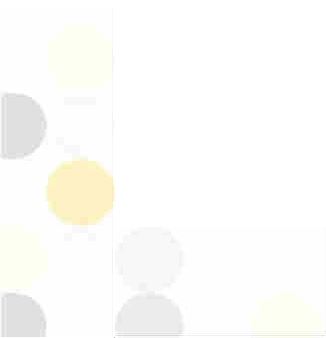
<i>Lower resolutions and refresh rates are also supported.

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)

---

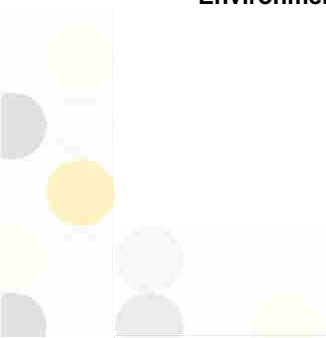
**Power**

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]

---

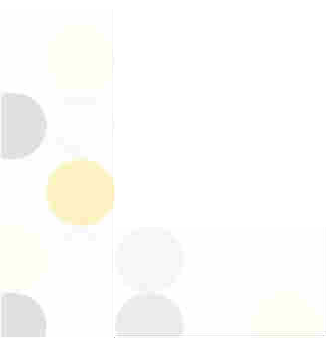
**Packaging Information**

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.***

