

HDMI Extender over CAT6 with 3 Port Video Switch, 4K 30Hz/115ft, HDBaseT HDMI Extender Kit, IR Control, 4K Video over Ethernet w/ Automatic HDMI Switcher, HDMI Switch Box

**Product ID:** VS321HDBTK



This HDMI over CAT6 extender with 3-port HDMI switch features HDBaseT and is TAA Compliant.

This HDMI Extender with a built-in Switch is capable of extending 7.1 audio and 4K at 30Hz video up to 115ft (35m), or 1080p up to 230ft (70m). The transmitter and receiver kit is connected using a single CAT5e/6 cable to avoid the hassle of running multiple cables.

The HDMI Switch Box and Extender supports Power-over-Cable, meaning both the transmitter and receiver can be powered by the same single power source. Power-over-Cable is great for extending video to areas where power outlets may be limited, such as industrial sites. Use the metal housing, grounding bolts and included mounting brackets to create professional installation options, ideal for digital signage, boardrooms, and tradeshow applications.

The 4K 30Hz HDMI extender box features several methods of input adjustment. Auto-detect switching selects newly connected devices, whereas priority selection allows you to choose the default active port. The IR Remote Control (batteries not included) and serial switching, using the included RJ-11 to DB9 adapter, offer additional input selection methods.

VS321HDBTK is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Enable presenters to connect a wide range of devices to one display
- Great for remote entertainment displays in restaurants, bars, or hotels
- Create brilliant digital signage displays in large commercial settings

- Optimize the location of your demo stations at tradeshow and in auditoriums

## Features

- **HDMI EXTENDER WITH SWITCH:** This 3 Port HDMI Switch Box extends 4K 30Hz resolutions up to 115ft (35m) or 1080p up to 230ft (70m) using CAT6/CAT5e cabling Receiver Unit included 4:4:4 Chroma Subsampling 7.1ch Audio HDCP 1.4 HDBaseT TAA Compliant
- **HDBASET CERTIFIED:** 4K HDMI Automatic Switch and Extender is tested and certified by the HDBaseT Alliance to help ensure quality and compatibility Great for Digital Signage and AV installers/integrators for commercial and professional environments
- **CONFIGURATION AND CONTROL:** Manual, Priority or Auto-Detect Switching Options Push Button, IR Remote Control (Batteries Not Included) and Serial Commands allow for a variety of control options Manual or Auto EDID Copy
- **SINGLE POWER ADAPTER FLEXIBILITY:** The power adapter can be placed at either the remote or local side in areas where power outlets may be limited; Power is delivered to the HDMI Video Switcher transmitter and receiver kit over the Ethernet cable (PoC)
- **EASY INSTALLATION:** Durable metal housing with built-in grounding bolts and included optional mounting brackets make it ideal for many environments. The unit features DB9 RS232 ports for serial control, an RJ11 cable and an RJ11 to DB9 adapter is included

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### Hardware

Warranty	2 Years
Ports	3
Audio	Yes
Industry Standards	HDCP 1.4
Chipset ID	VS010TX VS010RX

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### Performance

Max Distance	70 m / 230 ft
Maximum Digital Resolutions	4096 x 2160 (4K) @ 30Hz (35 meters) 1920 x 1080 (1080p) @ 60Hz (70 meters)
Supported Resolutions	4096x2160 (4K) 24Hz 3840x2160 (4K) 30Hz 2560x1600



	1920x1200
	1920x1080 (1080p) 60Hz
	1280x720 (720p) 60Hz
Wide Screen Supported	Yes
Audio Specifications	7.1 Surround Sound
General Specifications	Lower resolutions are also supported

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#### Connector(s)

Local Unit Connectors	HDMI (19 pin)
	RJ-45
	RJ-11
Remote Unit Connectors	HDMI (19 pin)
	RJ-45

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#### Software

OS Compatibility	No Drivers or Software required
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#### Indicators

LED Indicators	Power LED
	Input LEDs
	EDID Copy LED

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#### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	600 mA
Output Voltage	12V DC
Output Current	1.5 A
Center Tip Polarity	Positive
Plug Type	M



Power Consumption (In Watts) 18W

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**Environmental**

Operating Temperature 0C to 50C (32F to 122F)

Storage Temperature -20C to 60C (-4F to 140F)

Humidity 0% to 90% RH

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**Physical Characteristics**

Color Black

Product Length 6.3 in [16.1 cm]

Product Width 4.1 in [10.3 cm]

Product Height 1.3 in [32.0 mm]

Weight of Product 6.0 oz [170.0 g]

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**Packaging Information**

Package Length 8.2 in [20.8 cm]

Package Width 11.7 in [29.7 cm]

Package Height 2.6 in [65.0 mm]

Shipping (Package) Weight 6.1 oz [173.0 g]

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**What's in the Box**

Included in Package

- HDMI Extender
- HDMI Receiver
- Remote Control
- Mounting Brackets
- Universal Power Adapter (NA/JP, UK, EU, ANZ)
- RJ11 Cable
- RJ11 to RS232 Converter
- Set of Mounting Screws



Rubber Feet

Quick-Start Guide

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

