

# HDMI over CAT6 Extender Kit - 4K 60Hz

Product ID: ST121HD20V



This HDMI over CAT6 extender lets you transmit your 4K 60Hz signal up to 165 ft. (50 m) over a single CAT6 cable, with the added benefit of a local HDMI output. The extender supports High Dynamic Range (HDR), providing high contrast images with enhanced video.

## Astonishing 4K Picture Quality

This HDMI Ethernet extender supports a 4K 60Hz (3840 x 2160) resolution, providing four times the picture quality of high-definition (1080p). The extender supports HDMI 2.0 capabilities, offering 4:4:4 chroma subsampling. This ensures a crystal-clear picture that's ideal for delivering video content. With HDR support, you can enjoy increased contrast, color brightness and greater luminosity in your images.

## Long-Distance Transmission

Extend an HDMI signal to up to 165 ft. (50 m) with the HDMI to CAT6 converter. Use your existing CAT6 cable infrastructure with a direct connection to the converter for an easy run through walls and ceilings, saving you on installation costs.

## **Compatible with HDCP 2.2 Devices**

Connect your HDMI 2.0 devices and displays with confidence, knowing this extender is HDCP 2.2 compliant. This lets you harness the capabilities of HDMI-enabled devices such as Blu-ray players or online streaming devices in higher resolutions. It is also backward compatible with previous generations of HDMI and HDCP.

ST121HD20V is backed by 2-year StarTech.com warranty with free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Extend your HDMI signal in classrooms and boardrooms
- Use existing CAT6 infrastructure to create digital signage
- Distribute an HDMI signal to multiple displays at tradeshow
- Extend your HDMI signals to locations that lack power outlets

### Features

- Crystal-clear picture quality with support for resolutions up to 4K 60Hz
- Compatible with HDR and 4:4:4 chroma subsampling for lifelike images
- Hassle-free setup with long-distance transmission over a reliable connection
- Ensured compatibility with HDCP 2.2 devices and displays

<b>Hardware</b>	Warranty	2 Years
	Audio	Yes
	AV Input	HDMI
	AV Output	HDMI
	Cabling	Cat 6 UTP
<b>Performance</b>	Audio Specifications	7.1 Surround Sound
	Max Distance	50 m / 165 ft
	Maximum Cable Length	165 ft [50.3 m]
	Maximum Digital Resolutions	3840 x 2160 (4K) @ 60 Hz
	Supported Resolutions	3840x2160 (4K) 60Hz 2560x1600 60Hz 1920x1200 60Hz 1920x1080 (1080p) 60Hz 1280x720 (720p) 60Hz
		**Lower resolutions and refresh rates, not stated but below the maximum, may also be supported
	Wide Screen Supported	Yes
<b>Connector(s)</b>	Connector A	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
	Connector B	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
<b>Power</b>	Center Tip Polarity	Positive
	Input Current	0.3A
	Input Voltage	110V-240V AC
	Output Current	1A
	Output Voltage	12V DC
	Plug Type	M
	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	-20°C to 60°C (4°F to 140°F)
<b>Physical Characteristics</b>	Color	Black
	Product Height	0.5 in [1.3 cm]

	Product Length	3.8 in [97 mm]
	Product Width	2.8 in [70 mm]
	Weight of Product	5.5 oz [156 g]
<b>Packaging Information</b>	Package Height	2.8 in [70 mm]
	Package Length	8.7 in [22 cm]
	Package Width	5.1 in [13 cm]
	Shipping (Package) Weight	27.4 oz [777 g]
<b>What's in the Box</b>	Included in Package	1 - HDMI over CAT6 Transmitter
		1 - HDMI over CAT6 Receiver
		1 - IR Blaster
		1 - IR Receiver
		2 - Universal Power Adapter (NA/JP, EU, UK, ANZ)
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.