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. 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 tradeshows
- 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

Hardware	Warranty	2 Years
	Audio	Yes
	AV Input	HDMI
	AV Output	HDMI
	Cabling	Cat 6 UTP
Performance	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
Connector(s)	Connector A	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
	Connector B	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
Power	Center Tip Polarity	Positive
	Input Current	0.3A
	Input Voltage	110V-240V AC
	Output Current	1A
	Output Voltage	12 DC
	Plug Type	M
	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	-20°C to 60°C (4°F to 140°F)
Physical Characteristics	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	4.8 oz [135 g]
Packaging Information	Package Height	2.8 in [70 mm]
	Package Length	8.7 in [22 cm]
	Package Width	5.1 in [13 cm]
	Shipping (Package) Weight	5.5 oz [155 g]
What's in the Box	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.