

HDMI Over CAT6 Extender - Power Over Cable - Up to 100 m (328 ft.)

Product ID: ST121HDBT20L



This HDMI Over CAT6 extender transmits your HDMI audio/video signal to a remote location up to 100 m (328 ft.) away.

Get 4K at 60Hz from 70 m (230 ft.) away

This HDMI over CAT6 extender maintains your Ultra HD 4K picture quality, even at 70 m (230 ft.) away from your video source. If you're not running 4K video, this extender supports High-Definition 1080p 60Hz and lower resolutions at even greater distances, up to 100 m (328 ft.) from your HDMI source.

With full support for your HDMI 2.0 equipment, including 4K resolution at 60Hz, this extender can transmit at a bandwidth of up to 18Gbps, making it the ideal solution for high-resolution tasks requiring the highest color detail. For smoother video and color transitions, the extender offers 4:4:4 chroma subsampling via visually lossless compression, meaning every pixel gets its own unique color.

Simplify your setup

The HDMI Extender Over CAT6 offers a hassle-free solution for your digital signage project. The extender only requires a single CAT5e or CAT6 cable, so you extend an HDMI signal using existing infrastructure that's already in your building. Plus, this HDMI extender supports Power Over Cable (POC), which means you'll only need one power adapter connected to either your transmitter or receiver. Mounting hardware is also included for discreet, professional installation.

The ST121HDBT20L is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Distribute HDMI in large buildings such as commercial shopping centers, stadiums, schools, and hospitals
- Extend your HDMI audio/video signals to locations where power outlets are limited, such as industrial sites
- Integrators and system designers can use existing CAT5 or CAT6 infrastructure to create digital signage solutions

Features

- Get astonishing video quality at impressive distances with UHD 4K 60Hz resolution at up to 70 m (230 ft.) and 1080p 60Hz resolutions at up to 100 m (328 ft.)
- Hassle-free setup with video and power over a single CAT5e or CAT6 cable
- Sleek professional installation with optional mounting hardware included
- Remotely control your video source from the location of your remote display, with support for IR extension

Hardware	Warranty	2 Years
	Audio	Yes
	Cabling	Cat 5e UTP or better
	Daisy-Chain	No
	Ports	1
Performance	Audio Specifications	7.1 Surround Sound
	Max Distance	100 m / 330 ft
	Maximum Cable Length	328.4 ft [100.1 m]
	Maximum Digital Resolutions	Up to 70 m: 4096 x 2160 (4K) @ 60 Hz Up to 100 m: 1080p @ 60Hz
	Supported Resolutions	3840x2160 (4K) @ 60 Hz 2560x1600 1920x1200 @ 60 Hz 1920x1080 (1080p) 1280x720 (720p)
	Wide Screen Supported	Yes
Connector(s)	Local Unit Connectors	1 - HDMI (19 pin) Female Input
		1 - RJ-45 Female Output
	Remote Unit Connectors	1 - RJ-45 Female Input
		1 - HDMI (19 pin) Female Output
Indicators	LED Indicators	1 - status LED (local)
		1 - status LED (remote)
Power	Center Tip Polarity	Positive
	Input Current	0.6A
	Input Voltage	100 - 240 AC
	Output Current	1 A
	Output Voltage	18 DC
	Plug Type	M
	Power Consumption (In Watts)	18
	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	-10°C to 60°C (14°F to 140°F)

Physical Characteristics	Color	Black
	Enclosure Type	Aluminum
	Product Height	1 in [2.6 cm]
	Product Length	4 in [10.2 cm]
	Product Width	3 in [76 mm]
	Weight of Product	3.9 oz [110 g]
Packaging Information	Package Height	2.4 in [62 mm]
	Package Length	11 in [28 cm]
	Package Width	8.1 in [20.6 cm]
	Shipping (Package) Weight	0.5 lb [0.2 kg]
What's in the Box	Included in Package	1 - HDMI over CAT6 transmitter
		1 - HDMI over CAT6 receiver
		1 - universal power adapter (NA/JP, EU, UK, ANZ)
		1 - IR blaster
		1 - IR receiver
		2 - mounting brackets
		8 - rubber feet
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.