

HDMI Over CAT6 Extender - Power Over Cable - Up to 70 m (230 ft.)

Product ID: ST121HDBT20S



This HDMI over CAT6 extender transmits your HDMI audio/video signal to a remote location up to 70 m (230 ft.) away.

This HDMI over CAT6 extender maintains your Ultra HD 4K picture quality, even at 35 m (115 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 70 m (230 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.

With HDR support, you can enjoy lifelike images with increased contrast, brightness and colors and greater luminosity than standard digital imaging.

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 can extend an HDMI signal using your building's existing infrastructure. 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 ST121HDBT20S 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 35 m (115 ft.) and 1080p 60Hz resolutions at up to 70 m (230 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
- Supports HDR for expanded contrast ratio and color accuracy

Hardware	Warranty	2 Years	
	Ports	1	
	Cabling	Cat 5e UTP or better	
	Audio	Yes	
	Daisy-Chain	No	
Performance	Maximum Cable Length	230.0 ft [70.1 m]	
	Max Distance	70 m / 230 ft	
	Maximum Digital Resolutions	Up to 35 m: 4K @ 60 Hz Up to 70 m: 1080p @ 60Hz	
	Supported Resolutions	3840x2160 (4K) @ 60 Hz	
	Wide Screen Supported	2560x1600	
	Audio Specifications	1920x1200 @ 60 Hz 1920x1080 (1080p) 1280x720 (720p)	
		Yes	
		7.1 Surround Sound	
	Connector(s)	Local Unit Connectors	HDMI (19 pin)
		Local Unit Connectors	RJ-45
Remote Unit Connectors		RJ-45	
Remote Unit Connectors		HDMI (19 pin)	

Indicators	LED Indicators	status LED (local)
	LED Indicators	status LED (remote)
Power	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.6A
	Output Voltage	18 DC
	Output Current	1 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	18
Environmental	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-10C to 60C (14F to 140F)
	Humidity	0% - 80 % RH (non-condensing)
Physical Characteristics	Color	Black
	Material	Aluminum
	Product Length	11.5 in [2.9 cm]
	Product Width	3.0 in [76 mm]
	Product Height	1.0 in [26 mm]
	Weight of Product	3.5 lb [1.6 kg]
Packaging Information	Package Length	11.0 in [2.8 cm]
	Package Width	8.1 in [2.1 cm]
	Package Height	2.4 in [62 mm]
	Shipping (Package) Weight	29.5 oz [836 g]
What's in the Box	Included in Package	HDMI over CAT6 transmitter
	Included in Package	HDMI over CAT6 receiver
	Included in Package	universal power adapter (NA/JP, EU, UK, ANZ)
	Included in Package	mounting brackets
	Included in Package	rubber feet

Included in Package	quick-start guide
Included in Package	IR blaster
Included in Package	IR receiver

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

