

# StarTech.com HDMI Over CAT5e / CAT6 Extender

Power Over Cable - 4K 60Hz Up to 35m / 115 ft - 1080p 60Hz up to 70m / 230 ft (ST121HDBT20S) - Video/audio/infrared extender - HDMI - over CAT 5e/6 - up to 70 m - TAA Compliant



Group	Cables & Adapters
Manufacturer	StarTech.com
Manufacturer item no.	ST121HDBT20S
EAN/UPC	0065030877862

## Description

Extend HDMI over CAT5/CAT6 cabling to a remote location, with support for 4K 60Hz at 30 m (115 ft.) and 1080p 60Hz at 100 m (328 ft.). 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 30 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.

## Main features

Product Description	StarTech.com HDMI Over CAT5e / CAT6 Extender - Power Over Cable - 4K 60Hz Up to 35m / 115 ft - 1080p 60Hz up to 70m / 230 ft (ST121HDBT20S) - video/audio/infrared extender - HDMI - TAA Compliant
Device Type	Video/audio/infrared extender
Form Factor	External
Localisation	Australia, Japan, New Zealand, United Kingdom, Europe, North Asia
Data Link Protocol	HDMI
Transmission Medium	CAT 5e/6
Max Transfer Distance	70 m
Power	AC 120/230 V
Dimensions (WxDxH)	7.6 cm x 10.2 cm x 2.6 cm
Weight	110 g
TAA Compliant	Yes

## Extended details

	<b>General</b>
Device Type	Video/audio/infrared extender
Form Factor	External
Colour	Black
Localisation	Australia, Japan, New Zealand, United Kingdom, Europe, North Asia
	<b>Networking</b>
Connectivity Technology	Wired
Data Link Protocol	HDMI
Max Transfer Distance	70 m
Status Indicators	Status
Features	4K resolution support, 7.1 channel audio support
	<b>Expansion / Connectivity</b>
Interfaces	1 x HDMI (input) - 19 pin HDMI Type A female   1 x HDMI (output) - 19 pin HDMI Type A female
	<b>Miscellaneous</b>
Included Accessories	IR receiver, IR transmitter, 8 rubber feet
Rack Mounting Kit	Included
Compliant Standards	FCC, RoHS
TAA Compliant	Yes
	<b>Power</b>
Power Device	External power adapter
Installed Qty	1
Voltage Required	AC 120/230 V
Power Consumption Operational	18 Watt
	<b>Dimensions &amp; Weight</b>
Width	7.6 cm
Depth	10.2 cm
Height	2.6 cm
Weight	110 g
	<b>Dimensions &amp; Weight (Shipping)</b>
Shipping Weight	200 g
	<b>Manufacturer Warranty</b>
Service & Support	Limited warranty - 2 years
	<b>Environmental Parameters</b>
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	0 - 80%

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