HDMI over CAT6 Extender - 4K 60Hz - 330 ft. (100 m)

Product ID: ST121HD20L

This HDMI® over CAT6 extender lets you transmit your HDMI signal over a CAT6 cable up to 330 ft. (100 m) away. The extender supports Ultra HD 4K with support for 3D and the accompanying digital audio.

Long-Distance Transmission

Extend your HDMI signal to up to 330 ft. (100 m) with this HDMI over Ethernet extender. 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.

The extender also works to extend an infrared (IR) signal, enabling you to control your video source from the remote location.

Astonishing 4K Picture Quality

This HDMI Ethernet extender supports a 4K 60Hz (3840 x 2160) UHD resolution, providing four times the picture quality of high-definition (1080p), ensuring a crystal-clear picture that's ideal for displaying your 4K video content in office buildings, airports, retail settings and more.

Plus, because the extender supports 1080p and lower resolutions at up to 460 feet away, you can comfortably use this extender to make any video source look great.

Compatible with HDCP 2.2 Devices

Connect your HDMI 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.

ST121HD20L is backed by 2-year StarTech.com warranty with free lifetime technical support.

Certifications, Reports and Compatibility

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Applications

- Extend your 4K HDMI signal in offices, building lobbies, shopping centers, airports and more
- Optimize placement of your demo stations at tradeshows and in auditoriums
- Use existing CAT6 infrastructure to create digital signage

Features

- Maintains astonishing picture quality up to 330 ft. (100 m) away, with support for UltraHD 4K over non-proprietary CAT6 cabling
- Also supports HD 1080p video resolutions at distances up to 460 ft. (140 m)
- Hassle-free, professional installation with included mounting brackets
- Supports all known HDMI audio formats including Dolby True HD, Dolby Digital and DTS-HD
- Ensured compatibility with HDCP 1.4 / 2.2

Hardware	Warranty	2 Years
	Audio	Yes
	AV Input	HDMI
	AV Output	HDMI
	Cabling	Cat 6 UTP
	Chipset ID	Norelsys NS 5730, NS5731
Performance	Audio Specifications	7.1 Surround Sound
	Max Distance	140 m / 460 ft
	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
		1 - 3.5 mm Mini-Jack (3 Position) Female Input
		1 - 3.5 mm Mini-Jack (3 Position) Female Output
		1 - 3.5 mm Mini-Jack (3 Position) Female
	Connector B	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
		1 - 3.5 mm Mini-Jack (3 Position) Female Input
		1 - 3.5 mm Mini-Jack (3 Position) Female Output
		1 - 3.5 mm Mini-Jack (3 Position) Female
Indicators	LED Indicators	2 - Power LED
		2 - Link LED
Power	Center Tip Polarity	Positive
	Input Voltage	110V-240V AC
	Output Current	3 A
	Output Voltage	5V DC
	Plug Type	M

	Power Source	2 AC Adapters Included
Environmental	Humidity	0% - 95 % RH (No Condensation)
	Operating Temperature	-5°C to 40°C (23°F to 104°F)
	Storage Temperature	-15°C to 55°C (5°F to 131°F)
Physical Characteristics	Color	Black
	Material	Metal
	Product Height	26 mm [1 in]
	Product Length	11 cm [4.3 in]
	Product Width	75 mm [3 in]
	Weight of Product	537 g [19 oz]
Packaging Information	Package Height	9.5 cm [3.7 in]
	Package Length	24.5 cm [9.6 in]
	Package Width	20 cm [7.9 in]
	Shipping (Package) Weight	1.5 kg [3.2 lb]
What's in the Box	Included in Package	1 - HDMI Transmitter
		1 - HDMI Receiver
		1 - CAT6 Cable
		1 - IR Kit
		2 - Universal Power Adapters (NA/JP, EU, UK, ANZ)
		2 - 3.5 mm to DB-9 RS-232 Adapters
		4 - Mounting Brackets
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.