

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

**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.

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.

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.

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





## Applications

- Extend your 4K HDMI signal in offices, building lobbies, shopping centers, airports and more
- Optimize placement of your demo stations at tradeshow 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

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### Hardware

Warranty	2 Years
AV Input	HDMI
AV Output	HDMI
Cabling	Cat 6 UTP
Audio	Yes
Chipset ID	Norelsys NS 5730, NS5731

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### Performance

Max Distance	100m [328ft]
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

Audio Specifications 7.1 Surround Sound

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**Connector(s)**

Connector A	1 - HDMI (19 pin)
	1 - RJ-45
	1 - 3.5 mm Mini-Jack (3 Position)
	1 - 3.5 mm Mini-Jack (3 Position)
	1 - 3.5 mm Mini-Jack (3 Position)
Connector B	1 - HDMI (19 pin)
	1 - RJ-45
	1 - 3.5 mm Mini-Jack (3 Position)
	1 - 3.5 mm Mini-Jack (3 Position)
	1 - 3.5 mm Mini-Jack (3 Position)

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**Indicators**

LED Indicators	2 - Power LED
	2 - Link LED

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**Power**

Power Source	2 AC Adapters Included
Input Voltage	110V-240V AC
Output Voltage	5V DC
Output Current	3 A
Center Tip Polarity	Positive
Plug Type	M

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**Environmental**

Operating Temperature	-5C to 40C (23F to 104F)
Storage Temperature	-15C to 55C (5F to 131F)
Humidity	0% - 95 % RH (No Condensation)

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**Physical Characteristics**

Color	Black
Material	Steel
Product Length	4.3 in [11.0 cm]
Product Width	3.0 in [7.5 cm]
Product Height	1.0 in [2.6 cm]
Weight of Product	19.0 oz [537.0 g]

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**Packaging Information**

Package Quantity	1
Package Length	7.9 in [20.1 cm]
Package Width	9.8 in [25.0 cm]
Package Height	3.9 in [9.9 cm]
Shipping (Package) Weight	3.3 lb [1.5 kg]

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**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

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**Warranty  
Information**

Warranty

2 Years

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