

## HDMI Over Fiber Extender - YUV4:4:4 - 4K 60Hz

Product ID: ST121HD20FXA



This HDMI over Fiber Extender kit lets you transmit your HDMI® audio video signal up to 3300 feet (1000 m) over single-mode fiber, or up to 1000 feet (300 m) over multimode fiber. This converter kit includes both the transmitter and receiver for a complete end-to-end solution.

### Astonishing 4K Picture Quality

This HDMI optical extender supports resolutions up to 4K 60Hz (3840 x 2160), providing four times the picture quality of high-definition (1080p). The UHD HDMI Extender supports HDMI 2.0 capabilities, offering 4:4:4 chroma subsampling. This ensures a crystal-clear picture quality and breathtaking color reproduction that is ideal for delivering video content from sources such as Apple TV 4K, Fire TV Stick 4K, or nVidia Shield TV.

## **Long-Distance Transmission**

The Long Range HDMI Extender allows you to extend an HDMI signal up to 3300 feet (1000 m) over single-mode fiber and 1000 feet (300 m) over multimode fiber. Not only is this an incredibly long range solution that can extend an HDMI signal across or between buildings, but because fiber optics transmit data using light rather than copper, it will not cause or be affected by electromagnetic Interference (EMI).

## **The Choice of IT Pros Since 1985**

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales.

ST121HD20FXA is backed by 2-year StarTech.com warranty with free lifetime technical support.

**Certifications, Reports  
and Compatibility**



**Features**

- Delivers astonishing picture quality with UHD 4K 60Hz up to 3300 feet (1000 m) over single-mode fiber or up to 1000 feet (300 m) over multimode fiber
- No software or drivers required
- Dolby® Atmos, TrueHD, DTS-HD Master Audio, 7.1 channel
- Lifelike colors with HDR and 4:4:4 chroma subsampling support
- Ensured compatibility with HDCP 2.2 devices and displays

<b>Hardware</b>	Warranty	2 Years
	Audio	Yes
	Cabling	Fiber Optic
	Daisy-Chain	No
	Ports	1
	Rack-Mountable	Optional
<b>Performance</b>	Audio Specifications	Supports Dolby® TrueHD, DTS-HD MA, Atmos
	IR Interface	Bi-directional 38Khz / ±10° / 5M
	Max Distance	1 km (0.6 mi)
	Maximum Cable Length	3.3 ft [1 m]
	Maximum Data Transfer Rate	18 Gbps
	Maximum Digital Resolutions	4096 x 2160 (4K) @ 60 Hz
	Supported Resolutions	Single Mode 1000 Meters at 4096 x 2160 60Hz
		Multimode 300 Meters at 4096 x 2160 60Hz
	Wide Screen Supported	Yes
<b>Connector(s)</b>	Local Unit Connectors	1 - HDMI (19 pin) Female
		1 - Fiber Optic LC Simplex Female
		1 - IrDA (Infrared, SIR/FIR) Female
	Remote Unit Connectors	1 - HDMI (19 pin) Female
		1 - Fiber Optic LC Simplex Female
		1 - IrDA (Infrared, SIR/FIR) Female
<b>Power</b>	Center Tip Polarity	Positive
	Input Voltage	100 - 240 AC
	Output Current	1A
	Output Voltage	5V DC
	Plug Type	M
	Power Consumption (In Watts)	3
	Power Source	2 AC Adapters Included
<b>Environmental</b>	Humidity	0-80%
	Operating Temperature	0°C to 40°C (32°F to 104°F)

	Storage Temperature	-10°C to 60°C (14°F to 140°F)
<b>Physical Characteristics</b>	Color	Black
	Material	Steel
	Product Height	26.000
	Product Length	3.9 in [10 cm]
	Product Width	66.000
	Weight of Product	900.000
<b>Packaging Information</b>	Package Height	55.000
	Package Length	183.000
	Package Width	248.000
	Shipping (Package) Weight	915.000
<b>What's in the Box</b>	Included in Package	1 - Local HDMI® Extender Unit
		1 - Remote HDMI® Receiver Unit
		2 - IR Receiver
		2 - IR Blaster
		2 - Mounting Brackets
		1 - 7ft. [2.1m] Fiber Optic Patch Cable
		2 - Foot Pad Set
		2 - Universal Power Adapter NA / UK / EU / AU
		1 - User Manual

Product appearance and specifications are subject to change without notice.