HDMI Over Fiber Extender with IR Control – SC Fiber - 2600ft (800m) - 1920x1200/1080p

Product ID: ST121HDFXA

The ST121HDFXA is a long-range HDMI video extender kit that uses SC fiber optic cable to extend video/audio from an HDMI-equipped device to a remote display up to 2600 feet (800 Meters) away. The extender supports full High-Definition video (1920x1200 / 1080p) and includes both the transmitter and receiver, for a complete ready-to-use digital signage solution.

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 effected by electromagnetic Interference (EMI).

For convenient, time-saving control of the media source, the HDMI extender also offers Infrared (IR) extension, which enables you to control the HDMI audio-video source from either end of the connection. The kit also includes optional mounting hardware for a clean and professional installation.
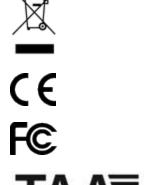
The ST121HDFXA HDMI over Fiber Optic Extender kit is TAA compliant and backed by a StarTech.com 2-year warranty with free lifetime technical support.

Certifications, Reports and Compatibility

RoHS & REACH
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TAA COMPLIANT

Applications

- Extend an HDMI video source in a hospital, with no EMI (electromagnetic interference)
- Connect a video source to a display across a large shopping complex
- Optimize placement of your demo stations at tradeshows and in auditoriums

Features

- Extend HDMI video up to 2600ft (800m)
- Resolutions up to 1080p (1920x1200)
- Local transmitter and remote receiver units included
- Supports bi-directional IR communication
- Uses SC fiber optic cabling
- Ready for use with Blu-ray™ players
- No software or drivers required

Hardware	Warranty	2 Years
	Audio	Yes
	Cabling	Fiber Optic
	Daisy-Chain	No
	Ports	1
	Rack-Mountable	Yes
Performance	Audio Specifications	Supports Dolby® TrueHD, DTS-HD MA
	IR Interface	Bi-directional 38Khz / ±10° / 5M
	Max Distance	800 m / 2600 ft
	Maximum Cable Length	2599.3 ft [792.5 m]
	Maximum Data Transfer Rate	HDMI® - 3.4Gbps
	Maximum Digital Resolutions	1080p @ 60Hz, 48-bit
	Supported Resolutions	**50 / 125 Multimode cabling** 800 m at 1080p 1200 m at 1080i **62.5 / 125 Multimode cabling** 350 m at 1080p 450 m at 1080i
	Wide Screen Supported	Yes
Connector(s)	Local Unit Connectors	1 - HDMI (19 pin) Female
		1 - Fiber Optic SC Duplex Female
		1 - IrDA (Infrared, SIR/FIR) Female
	Remote Unit Connectors	1 - HDMI (19 pin) Female
		1 - Fiber Optic SC Duplex Female
		1 - IrDA (Infrared, SIR/FIR) Female
Special Notes / Requirements	Note	If your video source is HDCP encrypted, your connected display MUST be HDCP compliant. If the extender detects a non-HDCP compliant display while you're extending an HDCP encrypted video source, the content will not display
	System and Cable Requirements	Multi-mode fiber cabling (50/125 or 62.5/125) terminated with SC duplex connectors, is required to connect the transmitter to the receiver.
Power	Center Tip Polarity	Positive
	Input Voltage	100 - 240 AC

	Output Current	1.5A
	Plug Type	M
	Power Consumption (In Watts)	18
	Power Source	2 AC Adapters Included
Environmental	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)
Physical Characteristics	Color	Black
	Enclosure Type	Steel
	Product Height	1 in [2.6 cm]
	Product Length	5.1 in [12.9 cm]
	Product Width	3.8 in [97 mm]
	Weight of Product	16.1 oz [457 g]
Packaging Information	Package Height	3.4 in [86 mm]
	Package Length	11.9 in [30.1 cm]
	Package Width	9.6 in [24.4 cm]
	Shipping (Package) Weight	4.4 lb [2 kg]
What's in the Box	Included in Package	1 - Local HDMI® Extender Unit
		1 - Remote HDMI® Receiver Unit
		1 - IR Receiver Cable
		1 - IR Transmitter Cable
		2 - Mounting Brackets
		1 - 7 ft [2.1 m] Multi-mode SC-SC duplex Fiber Optic cable
		2 - Foot Pad Set
		2 - Universal Power Adapter NA / UK / EU
		1 - User Manual

Product appearance and specifications are subject to change without notice.