

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

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 tradeshow 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
Ports	1
Cabling	Fiber Optic
Audio	Yes
Rack-Mountable	Yes
Daisy-Chain	No

Performance

Maximum Data Transfer Rate	HDMI - 3.4Gbps
Maximum Cable Length	2599.3 ft [792.5 m]
Max Distance	800 m / 2600 ft
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
Audio Specifications	Supports Dolby TrueHD, DTS-HD MA
General Specifications	IR Interface: Bi-directional 38Khz / 10 / 5M

Connector(s)

Local Unit Connectors	HDMI (19 pin)
	Fiber Optic SC Duplex
	IrDA (Infrared, SIR/FIR)
Remote Unit Connectors	HDMI (19 pin)
	Fiber Optic SC Duplex
	IrDA (Infrared, SIR/FIR)

Special Notes / Requirements

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.
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

Power

Power Source	2 AC Adapters Included
Input Voltage	100 - 240 AC
Output Current	1.5A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	18

Environmental

Operating Temperature	0C to 40C (32F to 104F)
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Storage Temperature -10C to 60C (14F to 140F)

Humidity 0-80%

Physical Characteristics

Color Black

Material Steel

Product Length 5.1 in [12.9 cm]

Product Width 3.8 in [97.0 mm]

Product Height 1.0 in [26.0 mm]

Weight of Product 16.1 oz [457.0 g]

Packaging Information

Package Length 11.9 in [30.1 cm]

Package Width 9.6 in [24.4 cm]

Package Height 3.4 in [86.0 mm]

Shipping (Package) Weight 4.4 lb [2.0 kg]

What's in the Box

Included in Package

- Local HDMI Extender Unit
- Remote HDMI Receiver Unit
- IR Receiver Cable
- IR Transmitter Cable
- Mounting Brackets
- 7 ft [2.1 m] Multi-mode SC-SC duplex Fiber Optic cable
- Foot Pad Set
- Universal Power Adapter NA / UK / EU
- User Manual

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

