

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

StarTech 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 backed by a StarTech.com 2-year warranty and free lifetime technical support.

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

Technical Specifications

Warranty	2 Years
Audio	Yes
Cabling	Fiber Optic
Daisy-Chain	No
Ports	1
Rack-Mountable	Yes
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
Wide Screen Supported	Yes
Local Unit Connectors	1 - HDMI (19 pin) Female
Local Unit Connectors	1 - Fiber Optic SC Duplex Female
Local Unit Connectors	1 - IrDA (Infrared; SIR/FIR) Female
Remote Unit Connectors	1 - HDMI (19 pin) Female
Remote Unit Connectors	1 - Fiber Optic SC Duplex Female
Remote Unit Connectors	1 - IrDA (Infrared; SIR/FIR) Female
Center Tip Polarity	Positive
Input Voltage	9 ~ 12 DC
Output Current	1.5A
Plug Type	M
Power Source	2 AC Adapters Included
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)
Color	Black
Enclosure Type	Steel
Product Height	1 in [26 mm]
Product Length	5.1 in [129 mm]
Product Weight	16.1 oz [457 g]
Product Width	3.8 in [97 mm]

Shipping (Package) Weight	70.6 oz [2000 g]
Included in Package	1 - Local HDMI® Extender Unit
Included in Package	1 - Remote HDMI® Receiver Unit
Included in Package	1 - IR Receiver Cable
Included in Package	1 - IR Transmitter Cable
Included in Package	2 - Mounting Brackets
Included in Package	1 - Multi-mode SC-SC duplex Fiber Optic cable
Included in Package	2 - Foot Pad Set
Included in Package	2 - Universal Power Adapter NA / UK / EU
Included in Package	1 - User Manual

Certifications, Reports and Compatibility

