



Applications

- Ideal for Digital Signage where the display is far away from the source device
- Extend an HDMI video source in a hospital, with no Electromagnetic/Radio Frequency Interference (EMI/RFI)
- Connect a local video source to a remote display that is located across a building complex

Features

- **HDMI OVER FIBER EXTENDER KIT:** Extend an Ultra HD (UHD) 4K 60Hz HDMI signal with 7.1ch audio up to 3300ft (1km) over Single Mode or up to 1000ft (300m) over Multimode fiber cabling; Single Strand LC/UPC connector; HDR10; HDCP 2.2; 4:4:4 Chroma Subsampling
- **RELIABLE VIDEO TRANSMISSION:** HDMI extender works over Single Mode or Multimode fiber, enabling the use of existing fiber cabling; Single strand optical fiber provides full bandwidth video while being immune to Electro-Magnetic Interference (EMI)
- **AUDIO CAPABILITIES:** HDMI 2.1 Extender offers an audio extraction function that enables playback of HDMI source audio via the 3.5mm audio output on the receiver unit; Simultaneous audio playback across both HDMI and 3.5mm outputs is supported
- **HASSLE-FREE INSTALLATION:** Point-to-Point connection with optical fiber between transmitter and receiver means no IP configuration, drivers, or network equipment required; Durable metal housing with built-in mounting brackets for a tidy installation
- **ROBUST FEATURES:** HDMI to Fiber Converter features a local HDMI output and IR/serial extension for convenient and versatile setup options; EDID Copy; LED indicators for status monitoring; 8kV air and 6kV contact Electrostatic Discharge (ESD) protection

Hardware

Warranty	2 Years
Ports	2
Cabling	Fiber Optic
Audio	Yes
Rack-Mountable	No



Industry Standards	HDMI 2.1 TMDS, HDCP 2.2 and DVI 1.0 compliant
Chipset ID	SiFotonics SD1503/SD1513

Performance

Maximum Data Transfer Rate	18 Gbps
Maximum Cable Length	3280.0 ft [1000 m]
Max Distance	1 km (0.6 mi)
Maximum Digital Resolutions	4K 60Hz
Supported Resolutions	Single Mode: 3300ft/1km at 4096 x 2160 60Hz Multimode: 1000ft/300m at 4096 x 2160 60Hz
Wide Screen Supported	Yes
Audio Specifications	HDMI - 7.1 Channel Audio
General Specifications	Supported Baud Rate: 4800 ~ 115200bits/s Supported IR Frequency: 20 ~ 60KHz HDMI Audio Formats: LPCM2/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

Connector(s)

Local Unit Connectors	1 - HDMI 1 - HDMI 1 - 3.5mm Stereo Female 3 pos 1 - M-Type Barrel (Inner Diameter: 2.1 mm, Outer Diameter: 5.5 mm) 1 - Terminal Block (3 Wire) 1 - 3.5mm Stereo Female 3 pos
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	1 - Infrared IR DA
	1 - USB Micro-B (5 pin)
	1 - LC
Remote Unit Connectors	1 - HDMI
	1 - 3.5mm Stereo Female 3 pos
	1 - Terminal Block (3 Wire)
	1 - M-Type Barrel (Inner Diameter: 2.1 mm, Outer Diameter: 5.5 mm)
	1 - Infrared IR DA
	1 - Infrared IR DA
	1 - USB Micro-B (5 pin)
	1 - LC

Software

OS Compatibility	No Drivers or Software Required
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Special Notes / Requirements

System and Cable Requirements	OM3 Multimode or OS1 Single Mode cabling or higher is recommended for optimal performance.
Note	Only the pre-installed SFP transceivers are supported. HDMI CEC is not supported by this product.

Indicators

LED Indicators	1 - Red - Power
	1 - Green - Fiber Connection Active
	1 - Green - HDMI Input detected (Transmitter Only)
	1 - Green - HDMI Loop (Local HDMI Output, Transmitter Only)
	1 - Green - HDMI Output (Receiver Only)

Power

Power Source	AC Adapter Included
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Input Voltage	100 - 240 AC
Input Current	0.35A
Output Voltage	5 DC
Output Current	1A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	0.1W

Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	20% ~ 90% RH (non-condensing)

Physical Characteristics

Color	Black
Material	Metal
Product Length	5.3 in [13.4 cm]
Product Width	2.7 in [6.8 cm]
Product Height	0.7 in [1.8 cm]
Weight of Product	9.9 oz [280.0 g]

Packaging Information

Package Quantity	1
Package Length	11.8 in [30.0 cm]
Package Width	7.9 in [20.0 cm]
Package Height	2.4 in [6.0 cm]
Shipping (Package) Weight	2.2 lb [1.0 kg]



What's in the Box

Included in Package	1 - Local HDMI Transmitter Unit
	1 - Remote HDMI Receiver Unit
	2 - IR Blaster
	2 - IR Receiver
	2 - Power Adapter
	2 - RS-232 Terminal Block Connector
	1 - Quick-Start Guide

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

