

HDMI & Audio to fiber converter

Description:

HK-HDMI-1V1A-TR is designed for HD Videos to fiber converter system, which can be used to transmit 1 channel HDMI video and 1 channel stereo audio over a simplex optic fiber, high reliability, high performance.



Product:	HDMI & Audio to fiber converter
Item No.:	HK-HDMI-1V1A-TR
Dimension:	165 x 85 x 24mm
Net weight:	0.30 kg per pcs
Gross weight:	0.95 kg per box
Packing in the box:	1x Transmitter, 1x Receiver, 2x Power adapter,
Fiber:	Single mode, Simplex fiber, FC Connector
Extend distance:	0-20km
Max. Resolution:	1920x1080@60fps

Features:

- 1) Transmit 1-ch HDMI video & 1-ch stereo audio over one fiber.
- 2) Support 1080P.
- 3) Auto read and transmit different image resolution.
- 4) Support HDCP.
- 5) LED indicators.
- 6) Supports hot swapping and hot plugging.

Video Parameter:

Video Connector: HDMI

HDMI Input count: 1

HDMI Output count: 1

Data Parameter:

Data Connector: Phoenix screw terminal connector

Data Optional: RS232

Data Rates: 2400-115200BPS

Audio Parameter:

Audio Connector: 3.5mm Jack
 Audio Format: 1-ch forward direction Stereo Audio
 Audio Input count: 1
 Audio Output count: 1
 Impedence: 600Ω
 Audio Rate: 48KHz, 24bit,

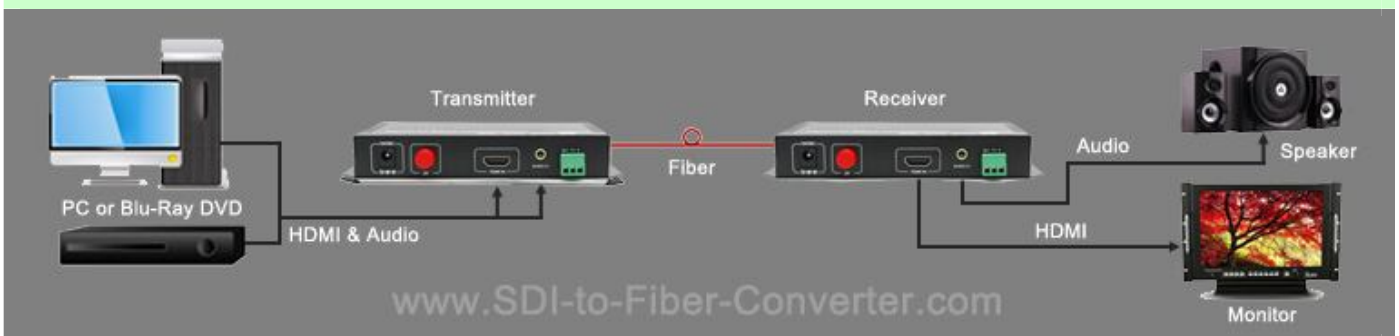
Optic Fiber Parameter:

Fiber Connector: FC
 Fiber count: 1
 Fiber Format: Single mode
 Working Wavelength: 1310nm / 1550nm
 Bit rate: 155Mhz to 1.65Ghz

Electric Parameter:

Working Temperature: -25°C ~ +70°C
 Working Power: 1A@12VDC
 Rated Power: 10W
 EMI/RFI: Compliance with FCC Part 15 Class A, EU EMC
 MTBF: >100000 Hours

Diagram:



LED indecators:

LED	Status	Explian
POWER	ON	Working
	OFF	No power input / Equipment failure
ENC	ON	The transmitter and the receiver is not be linked
	OFF	Equipment failure
	Fliker slow	Linked, but no signal input
	Fliker fast	Linked, all working
Monitor: Searching TX	The Receiver can't receive signal, please check the fiber	
Monitor: Check TX'S input signal	No signal input to the transmitter	