

HDSDI & Audio & RS422 to Fiber Converter

Description:

HK-SDI-VAD-TR is designed for HD Videos to fiber converter system, which can be used to transmit 1-ch HDSDI video and 1-ch stereo audio and 1-ch RS422/RS485 data over a simplex optic fiber, high reliability, high performance.



Product:	HDSDI & Audio & RS422 to Fiber Converter
Item No.:	HK-SDI-VAD-TR
Dimension:	134 x 104 x 28mm
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, 30fps

Features:

- 1) Transmit 1-ch HDSDI video & 1-ch stereo audio & 1-ch RS422/RS485 data over one fiber.
- 2) Support 1080P 30fps.
- 3) Auto read and transmit different image resolution.
- 4) LED indicators.
- 5) Supports hot swapping and hot plugging.

Interface:

Item	Transmitter	Receiver
Video:	1x HDSDI input, BNC,	1x HDSDI output, BNC,
Embedded Audio:	1x Audio input, BNC,	1x Audio input, BNC,
Separate Audio:	1x Stereo Audio input, 3.5mm,	1x Stereo Audio input, 3.5mm,
Data:	1x RS422/RS485, Phoenix terminal,	1x RS422/RS485, Phoenix terminal,
Fiber:	1x FC,	1x FC,
Power:	1x DC 12V,	1x DC 12V,

Electric Parameter:

SN	ITEM	VALUE
1	Working Temperature	-5°C ~ +70°C
2	Working Power	DC 12V1A
3	Rated power consumption	3W
4	EMI/RFI	Compliance with FCC Part 15 Class A, EU EMC
5	MTBF	>100000 Hours

Diagram of the RS422 data link:

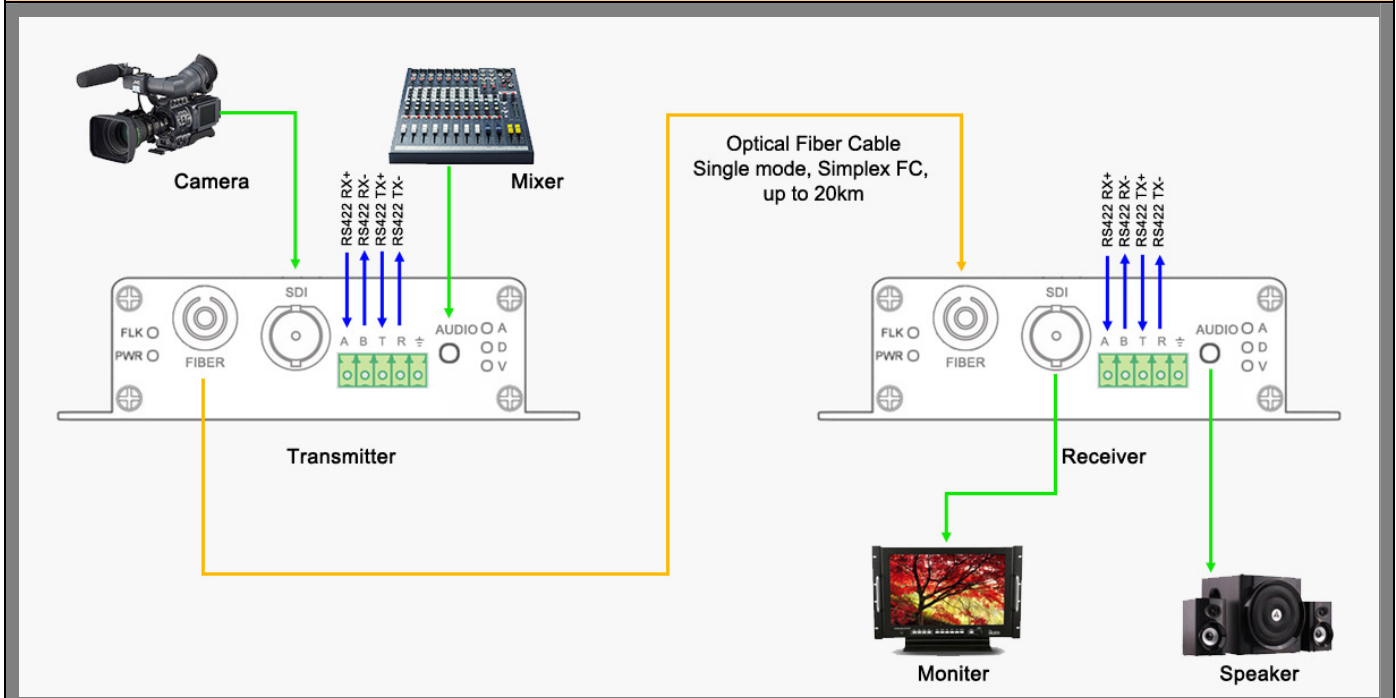
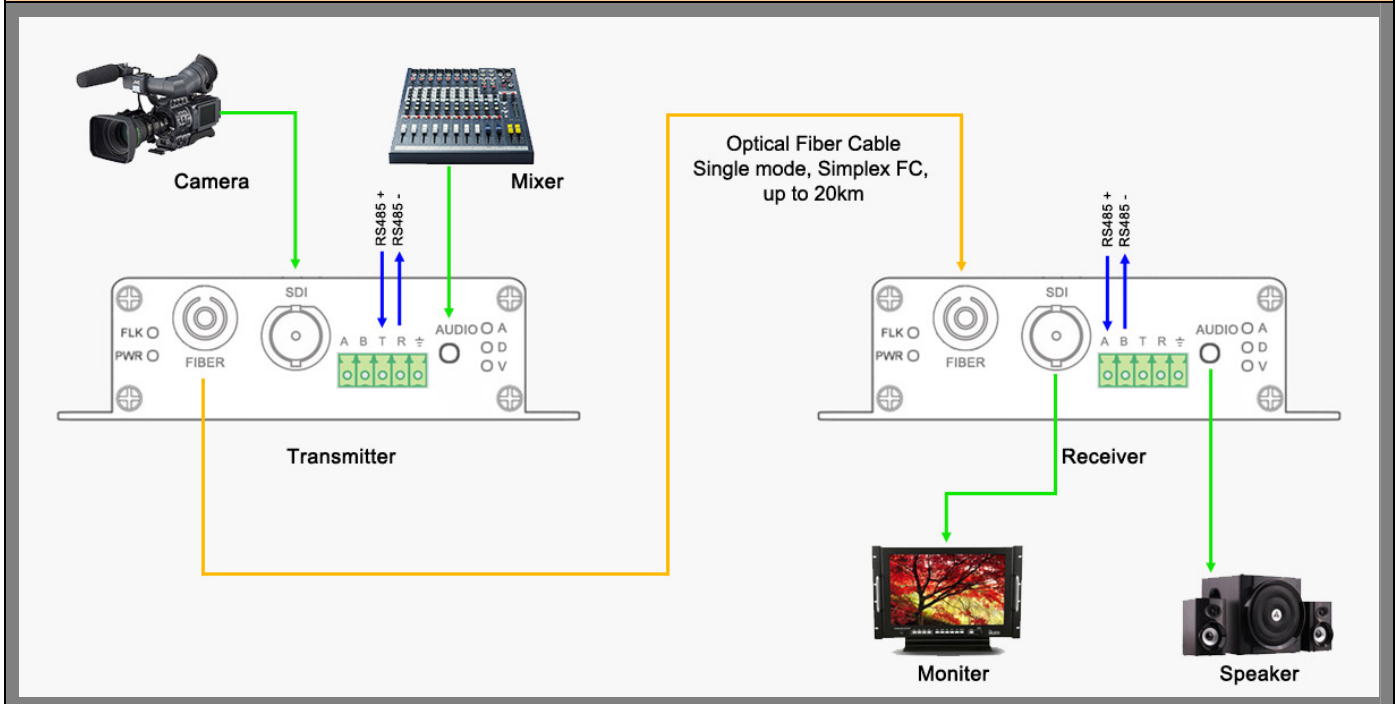


Diagram of the RS485 data link:



LED indicators:

LED	Status	Description
PWR	ON	Power on
	OFF	Power off
FLK	ON	Fiber connected
	OFF	Fiber disconnected
A	ON	A separate audio connected
	OFF	No separate audio
D	ON	Data connected
	OFF	No data
V	ON	SDI connected
	OFF	No SDI

Size:

