

SDI & Genlock & Ethernet & RS422 to fiber converter

Description:

HK-SDI-1126-TR is designed for HD Videos to fiber converter system, which can be used to transmit 1 channel SDI video & 1 channel Genlock & 1 channel 10/100M Ethernet & 1 channel RS422 Full Duplex Data over a simplex optic fiber, high reliability, high performance.



Product:	SDI & Genlock & Ethernet & RS422 to fiber converter
Item No.:	HK-SDI-1126-TR
Dimension:	175 x 154 x 30mm
Net weight:	0.60 kg per pcs
Gross weight:	1.50 kg per box
Packing in the box:	1x Transmitter, 1x Receiver, 2x Power adapter,
Fiber:	Single mode, Simplex fiber, FC/ST/SC Connector
Extend distance:	0-20km
Max. Resolution:	1920x1080@60fps

Features:

- 1) Transmit SDI & Genlock & Ethernet & RS422 over one fiber.
- 2) Support 1080P.
- 3) Auto read and transmit different image resolution.
- 4) Support 2.97Gb, 1.5Gb, 270Mb, Auto Select, meet all relevant SMPTE specifications.
- 5) LED indicators.
- 6) Supports hot swapping and hot plugging.
- 7) Handles pathological pattern

Signal input and output:

Item	Transmitter	Receiver
Fiber	1x FC/ST/SC, Single mode	1x FC/ST/SC, Single mode
3G/HD/SD-SDI	1x Input	1x Output
Audio	Embedded audio along with the SDI video	Embedded audio along with the SDI video
Genlock (AV)	1x Output, BNC Connector	1x input, BNC Connector
Data (RS422)	1x RS422, Full-duplex (two-way simultaneous), Phoenix screw terminal connector	
Ethernet	1x 10/100M Ethernet, Full-duplex (two-way simultaneous), RJ45 Connector	

Electric Parameter:

Working Temperature: -25°C ~ +70°C

Working Power: DC 5V2A / DC12V2A

Rated Power: 4W

EMI/RFI: Compliance with FCC Part 15 Class A, EU EMC

MTBF: >100000 Hours

Diagram:



LED indicators:

LED	Status	Explain
PWR	ON	Working
	OFF	No power input / Equipment failure
FIBER	OFF	No power
	On (Fliker Fast)	Fiber link failure
	On (No Fliker)	Linked, all working