# 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 sinplex optic fiber, hign reliability, high performance.

Product:	SDI & Genlock & Ethernet & RS422 to fiber converter	
Item No.:	HK-SDI-1126-TR	
Dimenstion:	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:

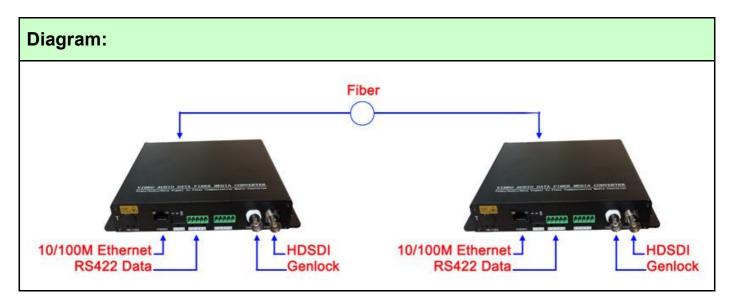
- 1) Transmit SDI & Genlock & Ethernet & RS422 over one fiber.
- 2) Supprt 1080P.
- 3) Auto read and transmit defferent image resolution.
- 4) Support 2.97Gb, 1.5Gb, 270Mb, Auto Select, meet all relevant SMPTE specifications.
- 5) LED indecators.
- 6) Supports hot swapping and hot plugging.
- 7) Handles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

## Signal input and output:

ltem	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 Temprature: -25°C  $\sim$  +70°C Working Power: DC 5V2A / DC12V2A Rated Power: 4W EMI/RFI: Compliance with FCC Part 15 Class A, EU EMC MTBF: >100000 Hours



LED indecators:			
LED	Status	Explian	
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	