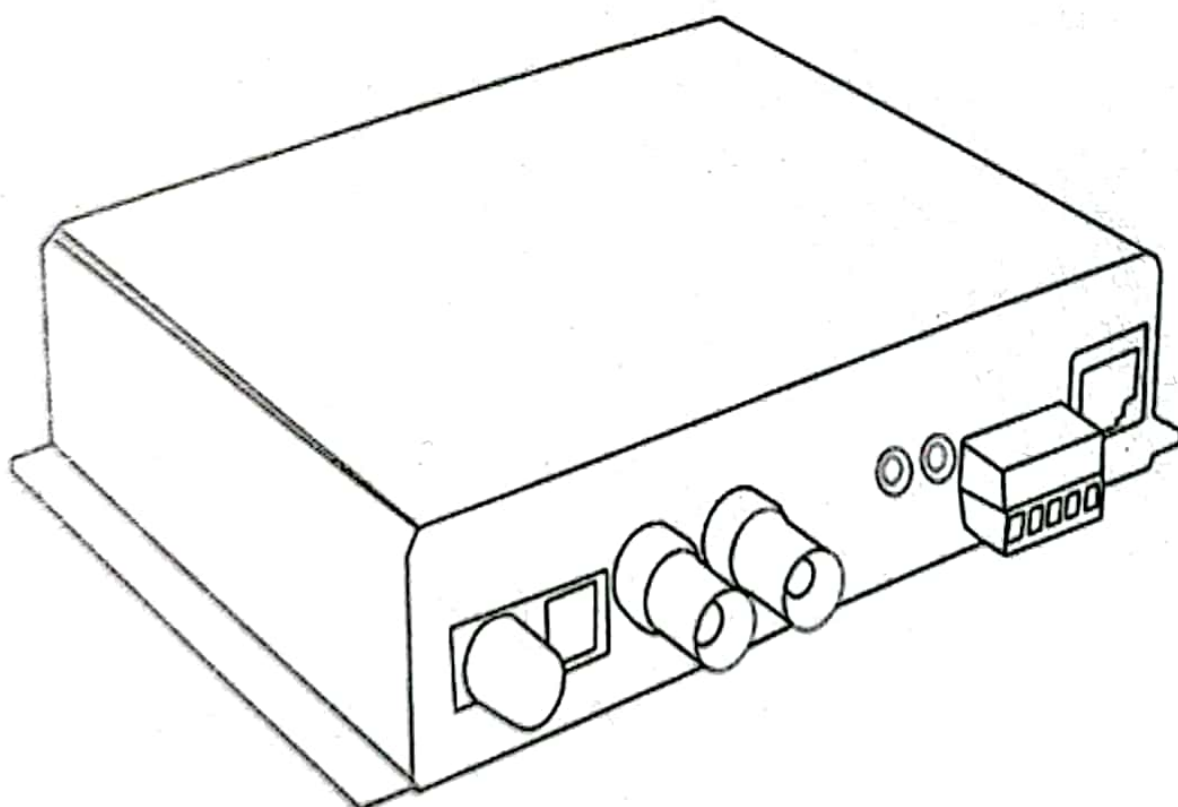

**SDI+485 + + two-way audio data
transmission network HD transmitter**

User Guide

Model:SDI-1D1d+1A1a+E



Part 1 Product Overview

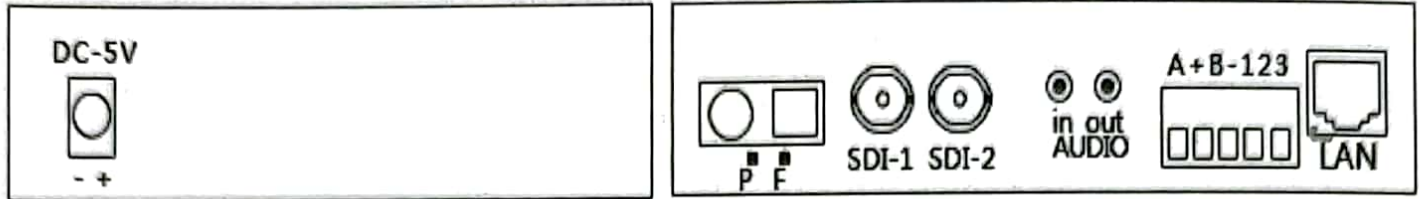
The SD/HD/3G-SDI transmitter and receiver is the low cost transfer device for one way SD/HD/3G-SDI video by single mode and multimode optical fiber cable transfer. SD/HD/3G-SDI transmitter and receiver is designed by digital optical transfer technology, transfer long distance one way SD/HD/3G-SDI video signal on one single mode optical fiber. Support SMPTE292M.SMPTE259M.SMPTE424 signal. The device comprise of transmitter and receiver: Transmitter convert SDI signal to optical signal; Receiver convert optical signal to SDI signal and output.

Part 2 Main features

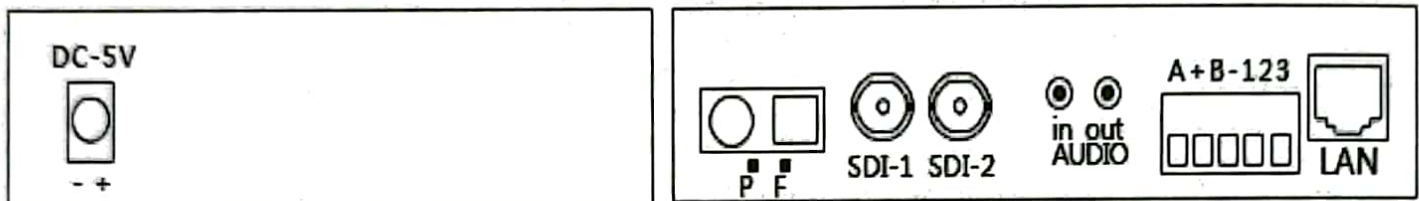
- 3G-SDI high digital Video and audio signal optical transmission
- Adapt to SDI 270Mbps, 1.485Gbit Speed and 3G automatically
- Equalizer , Reclocker and Cable Driver Inside
- Pathological testing passed
- OEM business mode.

Part 3 Interface overview

Transmitter



Receiver



Interface	SDI Transmitter and Receiver
SDI-1	SDI Signal Input
SDI-2	SDI Signal output
A+B-	485 Data interface
1 2 3	2 3 2 Data interface
AUDIO IN	An audio signal input
AUDIO OUT	Audio signal output
OPT	Optical interface
DC 5V	5V power input

Indicator Light	status	
DATA	On	Device works smoothly
	Off	Device not works smoothly
SDI	On	SDI signal on
	Off	SDI signal off
POWER	On	Power on
	Off	Power off

Part 4 Performance and Specification

Temperature	-20 to +60°C
Humidity	5 to 90 % RH (no condensation)
The signal of Input and output	SDI
Video format	1920*1080P30 1920*1080P25 1920*1080P24 1920*1080I60 1920*1080I50 1280*720P60 1280*720P50 525i 625i
Output video	SDI
The Maximum transmission distance of SDI	5KM 20KM 40KM 80KM
Input voltage	DC 5V , inside+ outside-
Power consumption	SDITransmitter2.5W SDIReceiver2.5W
Device size	L*W*H(mm)160X120X33
Packing box size	
Weight	

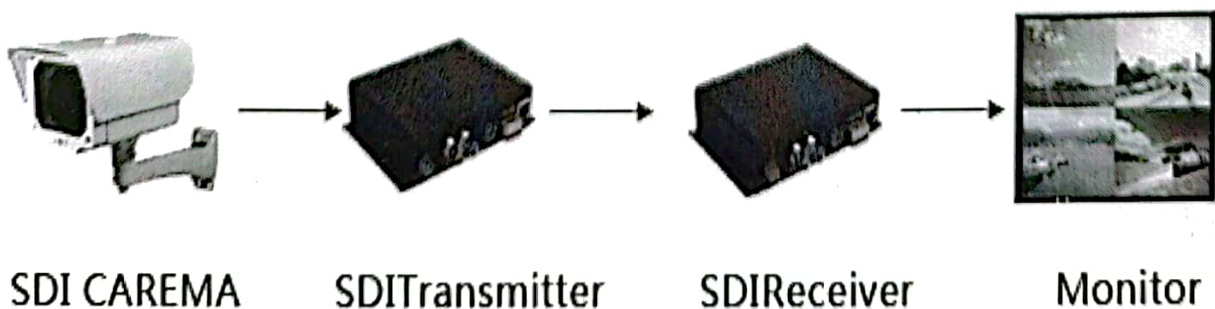
Part 5 Standard Package

- SDI transmitter 1pcs
- SDI receiver 1pcs
- Power Supply Unit 5V/2A 2pcs
- User Guide 1pcs

Part 6 Installation

- 1、 Connect SDI signal to SIN port by SYWV cable将SDI
- 2、 Connect SDI output signal to SOUT port by SYWV cable
- 3、 Connect fiber to OPT。
- 4、 Power on

Part 7 Application Graphics



Part 8 Service

Thank you very much for using our products.

The warranty time is one year and life-long maintenance. During this period, any belongs to under normal usage circumstance cause because of the product quality' s problem of breakdown, our company will be responsible for giving free maintain.

Free maintain won' t be given under the following circumstance:

- The malfunction and damaged caused by incorrect use, the unauthorized repairs and alteration;
- The damage caused by fire, flood, abnormal voltage, other natural disasters and secondary product damage;
- The product malfunction caused by not in accordance with the user manual operation;
- The malfunction and damaged caused by the other barriers(man-made factors or external device);

Any problems in the afte-sales service, please contact us dircetly.