

SDI 1 ×4 Splitter User Manual

1.0 Introduction

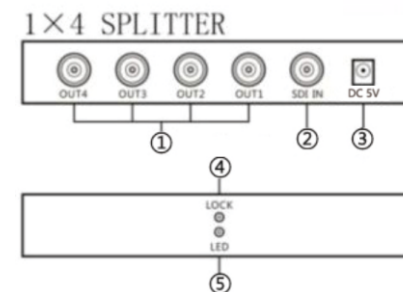
This product is a SDI(Serial Digital Interface) signal splitter,which can convert signal from a SDI port to 4 SDI ports.It support full HD SDI signal input and output;it also very easy to be use with high stability and reliability.It is widely used at all the TV station and other work place, safe security monitoring,training venue and so on.

2.0 Safety warning:

- 1.Please keep away from moisture,high temperature,dust, corrosive and oxidizing gas environment.
- 2.All the parts should avoid strong vibration,please don't crash, knock,or break down.
- 3.Please hold on the head of the power adapter when you pull off the power adapter instead of pull the power cable.
- 4.Please turn off the power when the machine is not in use (please pull off the power adapter when you will not use it in a long time).
- 5.Please don't open the products yourself and don't touch the parts inside.
- 6.You should use the original power adapter which provide from the manufacturer or the reliable power adapter.

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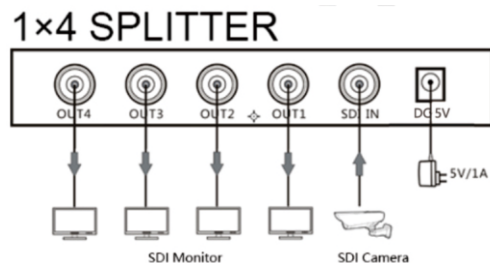
3.0 Interface introduction



- ① SDI signal output port(such as:connect SDI camera,monitor and so on)
- ② SDI signal input port(such as:connect SDI camera)
- ③ Power adapter input port(Support 5-36V)
- ④ Signal indicator LED(Green)
- ⑤ Power indicator LED(Red)

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4.0 Installation steps



Please connect the device according to the diagram above,then operate it follow the steps as below:

- ① Connect the "SDI IN" with your SDI signal source via SDI cable.
- ② Connect the "SDI OUT" with your SDI monitor via SDI cable.
- ③ Power on,then the product will work.

5.0 Function introduction

1: SDI Splitter

Please connect the device according to the steps at first. This SDI splitter support SD-SDI (270Mbps), HD - SDI (1.485Gbps) and full HD 3G-SDI(2.97Gbps) video format.

2: Extend function

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This product has the function of build-in Equalizer,Reclocker and Cable Driver,support max cable length (Belden-1694A) as below: SD-SDI support 300m,HD-SDI support 200m,3G-SDI support 100m (It is a theoretical value,the real instance have something to do with the cable quality).

3: Wide voltage

This product has build-in wide voltage,support DC5-36V input(the max power 2W),it is very fit with the project.

4: Intelligent design

Plug and play.And it can detect the different SDI signal automatically,the LED will became green when it detect the valid SDI signal input, otherwise,the LED would not light.

6.0 Operation

This product support wide voltage input,you can select DC5-36V power adapter.

1. 2 SDI signal output at the same time and do not need any other settings.
2. The main unit can detect the different SDI signal,the LED will become green when the SDI signal is valid.

7.0 Package contents

1. Main unit
2. Power adapter
3. User manual

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8.0 Specifications

POWER	DC5V/1A
SDI input port	BNC SDI × 1
SDI output port	BNC SDI × 4
SDI standard	Compatible SMPTE 424M,SMPTE 292M and SMPTE 259M-C
SDI signal format	SD-SDI HD-SDI 3G-SDI
SDI speed	143-2970MB/S
SDI resistance	75 Ω
SDI input resolution	480P@60Hz/576i@50Hz/720P@50Hz/720P@60Hz/1080i@50Hz/1080i@60Hz/1080P@24@25@30@50@60Hz/
SDI output resolution	480P@60Hz/576i@50Hz/720P@50Hz/720P@60Hz/1080i@50Hz/1080i@60Hz/1080p@24@25@30@50@60Hz
SDI signal output range	800mVp-p
Net weight	252g
Size (L×W×H)	135×85×22(mm)
Temperature	0℃~60℃

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