

SDI Matrix 2x8

USER MANUAL

Dear customer

Thanks for purchasing this product. For optimum performance and safety, please read the instructions carefully before connecting, operating or adjusting this product. Please keep this manual for reference in future.

1.0 Introduction

This SDI 2*8 has function of mini matrix. It has multiple work modes. It not only can be used as a normal SDI splitter 1*8, but also can be used as 2 groups of SDI splitter 1*4.

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You can have some kinds of connection methods and work with other device stably. This matrix can be widely used in Video advertising, surveillance, security systems, multimedia teaching systems, bank, etc.

2.0 Features

*Working mode:

Multiple working modes, users can switch the working mode by pressing the "MODE" button.

1. 1 SDI input signal split to 8 SDI output signal,

2. or two groups of 1 SDI input signal split to 4 SDI output signal.

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Mode 1: Power light always on. Select INPUT2 as the input source of the 8-channels of the splitter.

Mode 2: Power light always off. Select INPUT1 as the input source for the 8-channels.

Mode 3: Power light flashes. Select INPUT1 as the input source for OUT1 OUT2 OUT3 OUT4 and select INPUT2 as the input source for OUT5 OUT6 OUT7 OUT8.

*Wide voltage design, support 5-12V wide voltage input.

*Power-off memorise protection. The device will remember the working status before power off.

* Without signal loss.

* Easy to install and use.

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*Signal lock function:

The device will indicate the input signal through the LOCK1 and LOCK2 lamps.

LOCK1 always on indicates that the signal of sdi input channel 1 is stable.

LOCK2 always on indicates that the signal of sdi input channel 2 is stable.

3.0 Specifications

1. SDI port Input port: 2*SDI ports

Output port: 8*SDI ports

2. Power voltage: DC 5V~12V

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3. Video format: Supports SD-SDI(270Mb/s), HD-SDI(1.485Gb/s), 3G-SDI(2.97Gb/s) video format.

4. Signal output/input distances: Supports signal input and output distances up to 300m for SD signals, 200m for HD signals and 100m for 3G signals.

5. Dimension(mm): 175(L)×75(W)×40(H)

4.0 Package Contents

Before attempting to use this unit, please check the packing and make sure the following items are contained in the shipping carton:

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- 1) 1*Main unit(SDI Matrix 2×8)
- 2) 1*Power Supply
- 3) 1*User Manual

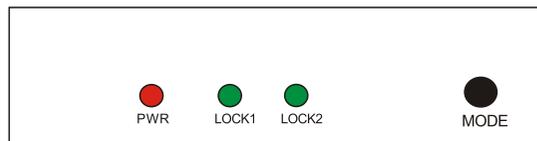
5.0 The important safety instruction

- 1.Please make it far away from the environment which are humid,high temperature,dusty,corrosive,and oxidizing atmospheres.
- 2.Please avoid vibrating strongly, do not collision, knock and fall.
- 3.Please hold on the head of the power adapter instead of pull the power cord.

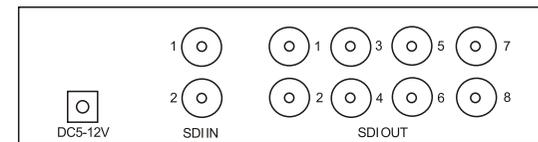
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- 4.Please power off when you do not need to use it.(please unplug the power adapter when you do not need to use in a period.).
- 5.Please do not open the product and touch any part of the product inside yourself.
- 6.Please use the original power adapter,or approved by the manufacturer.

6.0 Operating Controls and Functions



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PWR: Power indicator

LOCK1: Indicates signal of sdi input from channel 1(output channel would be SDI1 SDI 2 SDI3 SDI4) .

LOCK2: Indicates signal of sdi input from channel 2(output channel would be SDI5 SDI 6 SDI7 SDI8) .

MODE: Mode switch button

DC 5V~12V : Support 5V~12V wide voltage input

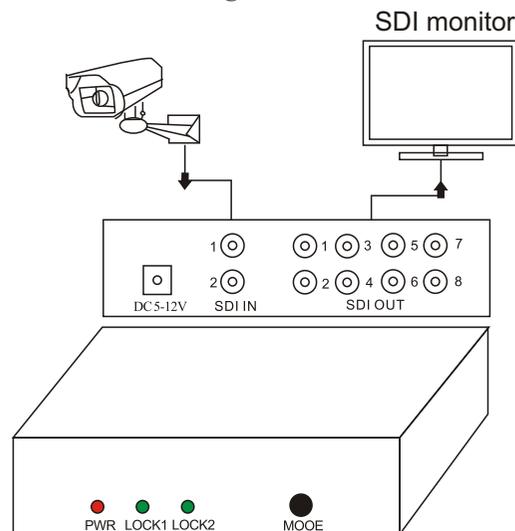
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SDI IN: SDI signal input port(such as:connect SDI camera).

SDI OUT: Connect output port 1-8 interface to 8 output devices with SDI interface, such as TV,SDI DVR, sdi monitor, projector,can be connected at the same time.

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7.0 Connection diagram



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