



3G/HD/SD_SDI Splitter 1 x 4

I. Introduction

1x4 SDI splitter distributes allows 1 SDI, HD-SDI or 3G-SDI video source to 4 SDI/HD-SDI/3G-SDI displays simultaneously. This product built-in automatic identification and compatible with SD-SDI, HD-SDI, 3G-SDI all format of SDI signal. It is the support 2.97Gbps bandwidth, and supports lossless transmission over long distances.

II. Features

1. Supports SD-SDI(270Mb/s), HD-SDI(1.485Gb/s), 3G-SDI(2.97Gb/s) video format.
2. Built-in cable equilibrium, clock recovery and drive.
3. Supports resolutions up to 1920x1080@60Hz.
4. Supports signal input and output distances of up to 300m for SD signals, 200m for HD signals and 100m for 3G signals.
5. Supports 5-12V wide voltage input.
6. 1 SDI input signal split to 4 SDI sink devices.

III. Package

1. 1x4 SDI Splitter ----- 1PCS
2. 5V1A DC Power Supply adapter ----- 1PCS
3. Operation Manual ----- 1PCS

IV. Specifications

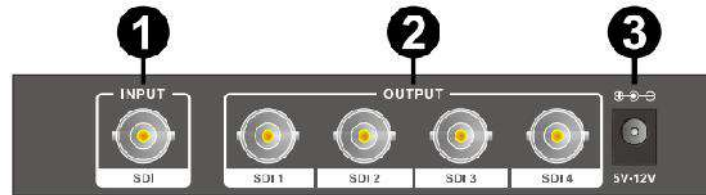
- | | |
|-------------------------------------|------------------------------|
| 1. Frequency Bandwidth | 3Gbps |
| 2. SDI Splitter Input Ports | 1 x BNC Female input port |
| 3. SDI Splitter Output Ports | 4 x BNC Female output ports |
| 4. Power Supply | DC 5V 1A |
| 5. ESD Protection Human Body Model: | ± 8kV (air-gap discharge) |
| 6. | ± 4kV (contact discharge) |
| 7. Dimensions (mm) | 70(W) X 145 (D) X 25 (H) |
| 8. Weight | 350g |
| 9. Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F |
| 10. Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F |
| 11. Relative Humidity | 20 ~ 90% RH (Non-condensing) |
| 12. Power Consumption (Max) | 1.5W |

V. Operation controls and Functions

Front Panel

1. **ON/OFF:** Power on/off switch.
2. **POWER LED:** This red LED illuminate when the device is connected with power supply.
3. **LOCK LED:** This red LED illuminate when the SDI signal plug in.

Rear Panel



4. **SDI INPUT:** This slot is where you connect the SDI source output from SDI Camera.
5. **SDI OUTPUT:** These slots are where you connect the SDI displays or monitors with coaxial cable (RG6).
6. **DC 5V-12V:** Plug the 5V or 12V DC power supply into the unit and connect the adapter to AC wall outlet.

VI. Application Example

