TRICOM 3G/HD/SD_SDI Splitter 1 x 4

I. Introduction

1×4 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)

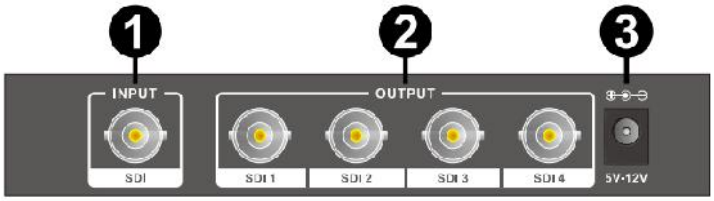
7.	Dimensions (mm)	70(W) X 145 (D) X 25 (H)
8.	Weight	350g
9.	Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
10.	Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
11.	Relative Humidity	20 ~ 90% RH (Non-condensing)
12.	Power Consumption (Max)	1.5W

V. Operation controls and Functions

Front Panel

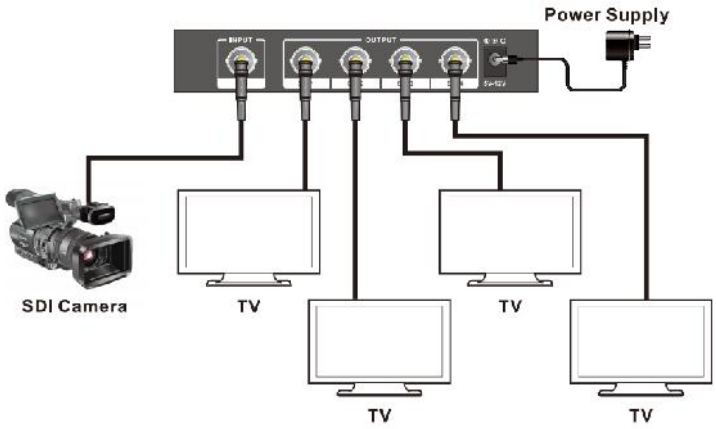
1. **ON/OFF:** Power on/off switch.
2. **POWER LED:** This red LED illuminate when the device is connected with power supply.
3. **LOCK LED:** This red LED illuminate when the SDI signal plug in.

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


Power Supply
INPUT
OUTPUT
SDI Camera
TV
TV
TV
TV