

User Manual

J-Tech Digital® Premium Quality SDI 1x4 Splitter



1.0 Introduction01

2.0 Feature.....01

3.0 Specification.....02

4.0 Package Content.....02

5.0 Panel Description.....03

6.0 Connecting and Operating.....03

1.0 INTRODUCTION

This 1x4 SDI splitter distributes one SDI signal to 4 simultaneous SDI outputs. It supports full range of SDI signal formats including 3G-SDI, HD-SDI, SD-SDI with easy operation and high reliability. Using broadcast quality processing technology, it delivers high definition, lossless and lag-free distribution. This splitter can be widely used in SDI broadcast room, no-linear editing field, CCTV security system and training showroom etc.

2.0 FEATURE

- Features equalizer circuit on the input and outputs, allowing it to support long cable runs
- Support multiple video resolution:
 - SD 525i and 625i
 - HD 720p@24, 25, 30, 50 and 60 Hz
 - HD 1080i@50, 60 Hz
 - HD 1080p@24, 25, 30, 50 and 60 Hz
- Support multiple color space:
 - RGB or YCbCr 4:4:4 sampled
 - YCbCr 4:2:2 or 4:2:0 sampled
- Support wide range of data rates: 270Mbps~2.97Gbps.
- Support multiple deep color:8bit, 10bit, 12bit.

3.0 SPECIFICATION

Input Connector	1x SDI BNC Male
Output Connector	4x SDI BNC Male
Supported Cable Length (BELDEN 1694A)	3G Mode: up to 100m
	HD Mode: up to 200m SD Mode: up to 400m
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0°C to 70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
Power Supply	5V DC@2A
Power Consumption(MAX)	1.2W
Splitter Unit Cert	FCC,CE, RoHS
Power Supply Cert	FCC, RoHS,CE,UL
User Manual	English Version

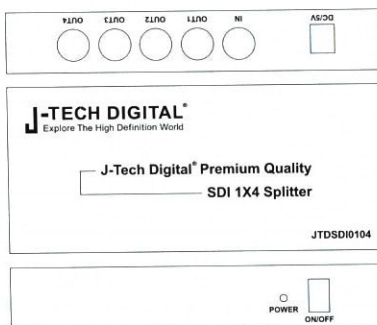
Note: Specification is subject to change without notice.

4.0 PACKAGE CONTENT

- 1) Main unit.....1PC
- 2) Power adapter 5V@2A.....1PC
- 3) User Manual.....1PC

-2-

5.0 PANEL DESCRIPTION



6.0 CONNECTING AND OPERATING

- (1) Connect the product to appropriate power;
- (2) Connect the SDI signal to the "IN" through 75Ωcoaxial cable of high quality(BELDEN 1694A cable or equivalent as well);
- (3) Connect the SDI monitor or other SDI devices to the "OUT1"("OUT2", "OUT3", "OUT4)"through 75Ω coaxial cable.
- (4) Operate the SDI signal to start the show.

6.1 CONNECTION DIAGRAM

