

SDI SWITCH

USER MANUAL

2 PORT

INTRODUCTION

SDI switch is using broadcast processing technology switching 2ports HD HD/3G-SDI serial digital video signal to high-definition TV, large screen display, SDI display device, built-in automatic chip and auto identity. compatible with SD-SDI, HD-SDI, 3G-SDI in high definition, no distortion, no delay

To allow customers to operate broadcast level SDI switch. It is widely used in the broadcasting room of all levels of the SDI and the field of high security monitoring, training and display fields

FEATURES

- Automatic identification and compatible with SD-SDI, HD-SDI, 3G-SDI
- Supports 200 meters
- Industrial power supply design, power supply stability
- Intelligent circuit design, broadcast level processing technology

APPLICATION

Broadcasting room
HD security monitoring
Training
Video meeting

SPECIFICATIONS

Power Supply	Power consumption,Less than 2W,Power:5V 1A
SDI input	BNC SDI*2
SDI output	BNC SDI*1
SDI standard	compatible smpte424m,smpte292m and smpte259m-c
SDI Format	SD-SDI HD-SDI 3G-SDI
Support SDI rate	143-2970Mb/s
Dependance	75 Ω
SDI input resolution	480i@60Hz/576i@50Hz/720P@50Hz/720P@60Hz/1080i@50Hz/1080i@60Hz/1080P@24@25@30@50@60Hz
SDI output resolution	480i@60Hz/576i@50Hz/720P@50Hz/720P@60Hz/1080i@50Hz/1080i@60Hz/1080P@24@25@30@50@60Hz
SDI output amplitude	800mVp-p
Switching mode	Panel buttons infrared remote control RS232 control
Size	132*84*40mm
Operation temperature	0°C-55°C

DIAGRAM



OPERATION INSTRUCTIONS

Three ways for options

1.Panel Button Switch

2.RS-232 communication protocol
and control code

Communication
protocol:

Baud rate :9600
Data bit :8
Stop bit :1
Check bit :

Control code:

1.Data format:
16 Binary data

2.Command format:

Head code (2 bytes) + command code (+ 1 bytes) +
command parameter (1 bytes)

1)Head Code:AA CC

2)Command code:

01:Switching channel

Command parameter:

01: Channel 1

02: Channel 2

03: Channel 3

04: Channel 4

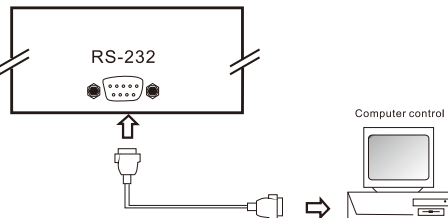
3.E. G.

AA CC 01 01

Command parameter: channel 1

Command code: Switching channel

Head Code



3.Infrared control switch:Can be switched
by remote control

IR controller panel

2 PORT

