

# 4 SDI Multiviewer and Switcher

# S-9204



## Introduction:

### 4 SDI Multiviewer via HDMI output

S-9204 is a solution of monitoring 4-ch SDI by a single HDMI television or monitor. There're 3 display patterns: Quad split display, one channel full screen switch display, and PGM/PVW mode display. Each input SDI has independent loop through output and support SDI timecode, embedded audio meter, video title editing on each displaying window.

### Basic Switcher function via SDI output:

S-9204 can be used as basic switcher in the PGM/PVW display mode. It supports PGM output via SDI and one key direct switching from PVW to PGM, with absolute zero delay.

## Features:

- ◆ 4-ch HD/SD-SDI input
- ◆ 4-ch HD/SD-SDI loop through output
- ◆ Multiview output via HDMI
- ◆ Quad-split, Full screen, and PGM/PVW display modes
- ◆ PGM switcher output via SDI, with zero delay
- ◆ Output SDI embedded audio via 3.5mm socket
- ◆ SDI embedded audio meter (2-ch) display
- ◆ SDI time code display
- ◆ Customer editable video title for each input channel
- ◆ 19-inch 1U rack mount

## Specifications:

Input		HD/SD-SDI x4	
Output		HD/SD-SDI Loop x4, HDMI x1 (Multiview output) HDSDI x1 (PGM switcher output) Analog audio (3.5mm) x1	
Format	HDMI	1080p (30 / 29.97 / 25 / 24 / 23.98), 1080i (60 / 59.94 / 50) 720p (60 / 59.94 / 50), 480i / 576i	
		SDI	SMPTE-274M 1080p (30 / 29.97 / 25 / 24 / 23.98) 1080i (60 / 59.94 / 50)
			SMPTE-RP211 1080psf (30 / 29.97 / 25 / 24 / 23.98)
	SMPTE-296M 720p (60 / 59.94 / 50)		
	ITU-R BT.656 576i (50)		
	Audio	SMPTE-125M 480i (59.94)	
	Power Consumption	≤ 8W	
Working Voltage	DC12V		
Working Environment	Temperature: 0°C+40°C, Humidity:10%-90%		
Dimension	482.6×44.5×191.07 mm		
Net weight	1440g		

## 1. Multiview display modes



Full screen mode



Quad split mode



PGM/PVW mode

### SWIT Electronics Co., Ltd.

Website: [www.swit.cc](http://www.swit.cc)  
Email: [contact@swit.cc](mailto:contact@swit.cc)  
Tel: +86 25 85805753  
Fax: +86 25 85805296

**Remark:** All the input SDI formats should be the same in the multiview mode

- (1) When input SDI is 1080p, 1080i or 720p, the HDMI output format is the same with input.
- (2) When input SDI is 480i, the HDMI output format is 1080i60
- (3) When input SDI is 576i, the HDMI output format is 1080i50
- (4) The SDI PGM output format is always the same with input SDI.

## 2. PGM switcher output

