



SIERRA VIDEO

SierraView SVG



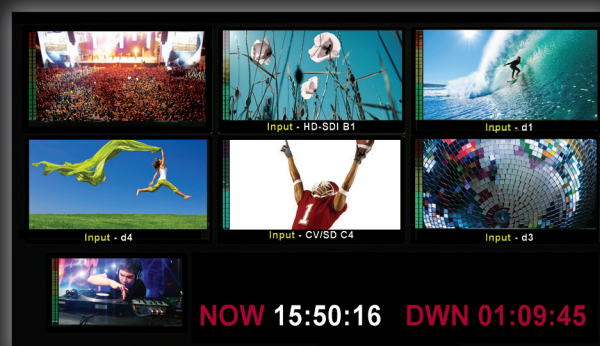
Modular HDMI/HD-SDI MultiViewer
up to 20 inputs with single display
up to 16 inputs with dual display



www.KramerAV.com

SierraView SVG Modular MultiViewer

with CVBS/SD, HD-SDI, and HDMI inputs and HDMI/HD-SDI outputs



The SierraView SVG Modular MultiViewer can handle up to 20 high-quality, auto-sensing inputs (Composite, SD-SDI, HDMI and HD-SDI up to 3G) plus an HDMI input located on each output module – This gives a total of 21 inputs displayed on a single HDMI or HD-SDI monitor (or up to 18 inputs on a dual output system). The SVG MultiViewer supports customizable layouts, real time audio and video monitoring with alarms, waveform displays, along with UMD & tally from switchers and routers. It fits into studios, broadcast facilities, command / control centers, and in production and post-production editing suites. The SVG MultiViewer uses a modular architecture, allowing customizing of inputs in groups of four up to 20 inputs with the additional HDMI input on each output module. The three input modules consist of the CV/SD module (auto-sensing CVBS/SDI), the 3G HD-SDI module (auto-sensing SD-HD/SDI) and the HDCP supporting HDMI module (with EDID). The output module offers an HD-SDI output with a cloned HDMI output (Up to 1920x1080p or 1920x1200).

RS-232 control protocols are built into the SierraView SVG MultiViewer, plus it uses LTC/EBU, TSL and tally control information. Configuration and operation is done by a simple internet browser using the built-in web server, eliminating the need for any special software.



Key Features:

- Multi-format input combinations with four inputs per module
- Auto-sensing CVBS/SD, HD-SDI (up to 3G) and HDMI input modules
- Flexible output option: either single or dual display: 4:3, 16:9 and free-form
- Output resolutions up to 1920x1080p or 1920x1200 in either HDMI or HD-SDI
- Selectable analog and digital clocks, on-air timer and countdown timer
- Dynamic UMDs & Tally information from routers and switchers
- Supports format display of input signals with AFD information
- Supports audio monitoring and full-screen video output
- Alarms for frozen or black video, video loss, and audio silence or excessive level
- Built-in web server via RJ45 for configuration and remote control
- TSL and GPS serial timing
- 1RU frame with dual power supplies included

SVG Modular MultiViewer

SVG-CVSD	4 auto-sensing channels of Composite/SD-SDI video input, with embedded audio from the SDI inputs, plus a single mono analog audio input for each video input via included 15 pin mini-adapter.
SVG-3GHD	4 auto-sensing channels of HD/SD-SDI video inputs with embedded audio.
SVG-HDMI	4 channels of V1.3 HDMI input with embedded audio; HDCP supported.
SVG-OM-HDHDMI	1 HDMI output and one HD-SDI duplicate output (shared layout), up to 1920x1080p or 1920x1200.
SVG-FRAME	1RU frame with dual / redundant power supplies standard.



Input Modules



CVBS/SD inputs
4 per video module



3G/HD/SD SDI inputs
4 per video module



HDMI inputs
4 per video module

SVG-CVSD

The SVG-CVSD provides 4 channels of Composite/SD-SDI (auto detect) video input and 4 channels of analog audio input. The SVG-CVSD also provides tally interface, audio alarms (absence/silence/out-of-range), video alarms (freezing, EDH), real-time video analysis, waveform display, and dynamic UMD function.

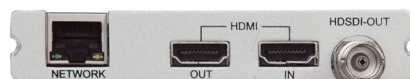
SVG-3GHD

The SVG-3GHD provides 4 channels of HD-SDI (auto detect) video input with embedded audio. The SVG-3GHD also provides tally interface, audio alarms (absence/silence/out-of-range), video alarms (freezing, EDH), real-time video analysis, waveform display, and dynamic UMD function.

SVG-HDMI

The SVG-HDMI provides 4 channels of HDMI inputs with embedded audio. It supports input resolutions of 720p, 1080i, and 1080p. It provides audio alarms (absence/silence/out-of-range), video alarms (freezing, EDH), real-time video analysis, waveform display, and dynamic UMD function.

Output Modules



HDMI output
HD-SDI output

SVG-OM-HDHDMI

This module provides one HDMI and one HD-SDI output, plus an HDMI input channel. The output resolution is up to 1920x1080p or 1920x1200. The operator can use any web browser to easily control the unit via the LAN port.

PERFORMANCE SPECIFICATIONS

SVG-CVSD		SDI/CVBS AUTO-SENSING INPUT MODULE
Impedence:	75 ohms	
Input formats:	Composite: PAL/NTSC SD-SDI: SMPTE 259M-C (525/625 lines)	
Audio Input:	4 balanced analog mono inputs (3-pin 600 ohms Phoenix) via 15 pin mini-adapter Maximum input level: +24dBu (0dbFS) Sampling: 48 KHz Frequency response: <+/-0.04dB @ 20Hz to 20KHz	
Tally Input:	4 per input module (3-pin Phoenix) via 15 pin mini-adapter	
SVG-3GHD		HD-SDI AUTO-SENSING INPUT MODULE
Impedence:	75 ohms	
Input formats:	SD-SDI: SMPTE 259M-C (525/625 lines) HD-SDI: SMPTE 292M 3G HD-SDI: SMPTE 424M	
Input resolutions:	720p 23.98/24/25/29.97/30/50/59.94/60 1080i 50/59.94/60 1080p 23.98/24/25/29.97/30/50/59.94/60	
Audio Input:	4 SDI inputs with embedded audio; four channels of Group 1 displayed Maximum input level: +24dBu (0dbFS) Sampling: 48 KHz Frequency response: <+/-0.04dB @ 20Hz to 20KHz	
Tally Input:	4 per input module (3-pin Phoenix) via 15 pin mini-adapter	
SVG-HDMI		HDMI INPUT MODULE
Impedence:	75 ohms	
Input resolutions:	720p 23.98/24/25/29.97/30/50/59.94/60 1080i 50/59.94/60 1080p 23.98/24/25/29.97/30/50/59.94/60	
Audio Input:	4 HDMI inputs with embedded audio; four channels of Group 1 displayed	
SVG-OM-HD HDMI		HD-SDI/HDMI VIDEO OUTPUT MODULE (with single HDMI input)
Output formats:	One HDMI V1.3 output, HDCP supported One HD-SDI output (duplicate of HDMI with the same layout), SMPTE 292M , SMPTE 424M	
Output resolutions:	1024x768, 1280x720/768/800/1024, 1366x768, 1400x1050, 1680x1050, 1920x1080 , 1920x1200	
Input format:	One HDMI V1.3 input	
Input resolutions:	720p 23.98/24/25/29.97/30/50/59.94/60 1080i 50/59.94/60 1080p 23.98/24/25/29.97/30/50/59.94/60	
Network interface:	RJ45 (100/1000)	
GENERAL		
Size	17.5" W x 19" D x 1.75" (1RU) H	
Weight	10 lbs.	
Power Requirements	100-250VAC, 120W	

For further product information international customers visit: www.KramerAV.com



SIERRA VIDEO

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