

# SierraView SVG



**SIERRAVIEW™**  
**Multi-Viewer**

Modular HDMI/HD-SDI Multi-Viewer

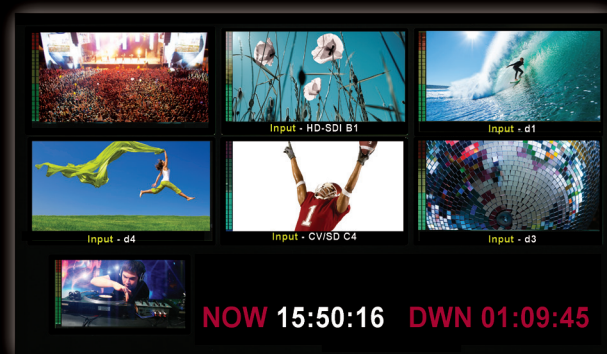
up to 20 inputs with single display

up to 16 inputs with dual display



# SierraView SVG Modular Multi-Viewer

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



The SierraView SVG Modular Multi-viewer 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 – for a total of 21 inputs displayed on a single HDMI, VGA or HD-SDI monitor (or up to 18 inputs on a dual output system). The SVG Multi-viewer supports customizable layouts, real time audio and video monitoring with alarms, waveform displays, and 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 Multi-viewer 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). There are two output modules available: VGA output with a cloned HDMI output or HD-SDI output with a cloned HDMI output (to 1920x1080p). Dual output systems require identical output modules.

SNMP and RS-232 control protocols are built into the SierraView SVG Multi-viewer, 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 in either VGA, 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
- SNMP, TSL and GPS serial timing
- 1RU frame with dual power supplies included

# SVG Modular Multi-Viewer

<b>SVG-CVSD</b>	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.
<b>SVG-3GHD</b>	4 auto-sensing channels of HD/SD-SDI video inputs with embedded audio, plus a single mono analog audio input for each video input via included 15 pin mini-adapter.
<b>SVG-HDM</b>	4 channels of V1.3 HDMI input with embedded audio; HDCP supported.
<b>SVG-OM-VGAHDMI</b>	1 HDMI output and one VGA duplicate output (shared layout), up to 1920x1080
<b>SVG-OM-HDHDMI</b>	1 HDMI output and one HD-SDI duplicate output (shared layout), up to 1920x1080
<b>SVG-FRAME</b>	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 and 4 channels of analog audio input. 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.

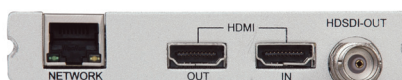
### SVG-HDMI

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  
VGA output



HDMI output  
HD-SDI output

### SVG-OM-VGAHDMI

This module provides one HDMI and one VGA output, plus an HDMI input channel. The output resolution is up to 1920 x 1080. The VGA port a 15 pin mini-insert adapter for audio monitoring. The operator can use any web browser to easily control the unit via the LAN port.

### SVG-OM-HDHDMI

This module provides one HDMI and one HD-SDI output, plus an HDMI input channel. The output resolution is up to 1920 x 1080. The operator can use any web browser to easily control the unit via the LAN port.

## PERFORMANCE SPECIFICATIONS

<b>SVG-CVSD</b>		<b>SDI/CVBS AUTO-SENSING INPUT MODULE</b>	
Impedance:	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		
<b>SVG-3GHD</b>		<b>HD-SDI AUTO-SENSING INPUT MODULE</b>	
Impedance:	75 ohms		
Input formats:	SD-SDI: SMPTE 259M-C (525/625 lines) HD-SDI: SMPTE 292M		
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		
<b>SVG-HDMI</b>		<b>HDMI INPUT MODULE</b>	
Impedance:	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		
<b>SVG-OM-VGAHDMI</b>		<b>VGA/HDMI VIDEO OUTPUT MODULE (with single HDMI input)</b>	
Output formats:	One HDMI V1.3 output, HDCP supported One VGA output (duplicate of HDMI with the same layout), stereo audio monitoring		
Output resolutions:	1024x768, 1280x720/768/800/1024, 1366x768, 1400x1050, 1680x1050, 1920x1080		
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:	RJ45S (100/1000)		
<b>SVG-OM-HDHDMI</b>		<b>HD-SDI/HDMI VIDEO OUTPUT MODULE (with single HDMI input)</b>	
Output formats:	One HDMI V1.3 output, HDCP supported One HD-SDI output (duplicate of HDMI with the same layout), SMPTE 292M		
Output resolutions:	1024x768, 1280x720/768/800/1024, 1366x768, 1400x1050, 1680x1050, 1920x1080		
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:	RJ45S (100/1000)		
<b>GENERAL</b>			
Size	17.5" W x 19" D x 1.75" (1RU) H		
Weight	10 lbs.		
Power Requirements	100-250VAC, 120W		



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