

Full HD LCD Multimedia Display

with 3G-SDI/ HDMI/ DVI-D/ VGA/
S-Video/ Composite Video Support

15.6 INCH WIDE

18.5 INCH WIDE

21.5 INCH WIDE

SG1560S/SG1850S/SG2150S



- Full HD resolution
- 3G-SDI input / output interface
- Support SMPTE 424M/SMPTE 292M/SMPTE 259M (Lv.A/B)
- Support both analog and digital signal inputs HDMI / DVI-D / VGA / S-video / video interface
- HDCP compliant
- Attachable Cable clamp to prevent cable dis-connection
- P-in-P and P-by-P support
- Solid metal housing with a toughness design for 24/7 operation
- Compatible with VESA standard 100x100mm for stands and wall mounting
- Carry Handle



Model No : SG1560S [15.6"]
SG1850S [18.5"]
SG2150S [21.5"]

Introduction

SG1560S, SG1850S and SG2150S adopts LED liquid crystal panel with full HD resolution (1920 x 1080), wide viewing angles are horizontal 170° / vertical 170° (15.6"), horizontal 178° / vertical 178° (18.5", 21.5"), and high contrast 800:1(15.6"), 1000:1(18.5", 21.5"). It is a professional multimedia display with SDI / HDMI / DVI-D / VGA / S-video / composite video (BNC) input terminals.

SDI signal supports SMPTE 424M/SMPTE 292M/SMPTE 259M format, and different mapping methods for Level A and B. The SDI output can pass through the input SDI video signal, so daisy chaining between monitors is possible. It supports video signal input up to 1080p60 by HDMI and up to 1920 x 1080 by VGA. The HDMI interface also supports HDCP (High-bandwidth Digital Content Protection). ※1

SG series features the P-in-P (picture in picture) function and P-by-P (picture by picture) function to meet the needs for the simultaneous display of two different (digital / analog) video signals on a screen.

All SG series monitor features rugged metal housings with toughness designs that can withstand a long period of use with 24/7 operation. They can also be integrated into industrial equipment. All SG Series monitors have a carrying handle for easy carrying.

There are dedicated insertion holes for cable clamp beside each interface of HDMI, S-video, composite video input/output (BNC), audio input/output (RCA / 3.5mm), and power supply. By fixing the cable clamp, you can prevent the cable from being accidentally dropped off or loosened.

Optional upright stand [Model number: SG_STD] and AC adapter holder [Model number: HLDR_001] for SG series are available. By using the dedicated upright stand, you can make the display stand on its own. The dedicated AC adapter holder is used to locate the AC adapter.

All SG series is a professional multimedia display can be used for broadcasting, meeting room, digital signage, exhibitions, educational facilities, showrooms, factory lines, application, etc.

Full HD resolution

High resolution (1920x1080), wide viewing angles are horizontal 170°/vertical 170°(15.6"), horizontal 178°/vertical 178°(18.5", 21.5"), and high contrast 800:1(15.6") , 1000:1(18.5", 21.5") full HD LCD panel.



3G-SDI input/output interface

Equipped with an SDI input interface compatible with SMPTE424M/SMPTE 292M/SMPTE 259M format. It also has an SDI output interface that allows pass-through output of the input SDI signal. This allows the SDI input signal to be connected to other video recording devices, LCD monitors, etc.



Attachable cable clamp to prevent cable dis-connection

HDMI / S-Video / Composite Video Input / Output (BNC) / Audio Input / Output (RCA/3.5mm) interfaces are with a cable clamp insertion holes to prevent disconnection at each interface terminal. Two cable clamps are provided as standard, accessory. By attaching the cable to the monitor, you can prevent accidental disconnection and loosening of the cable.



Support SMPTE 424M / SMPTE 292M / SMPTE 259M (Lv.A/B)

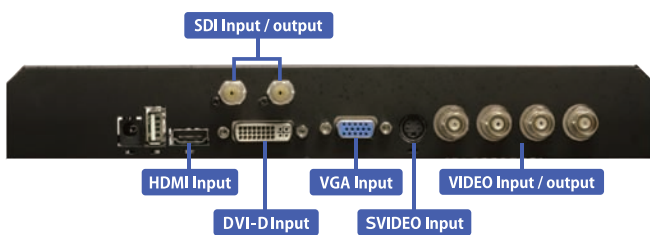
3G-SDI interface supports both SDI level A and B format.

Supports both analog and digital signal inputs

Equipped with HDMI (HDCP compatible), DVI-D (HDCP compatible), mini D-Sub15 pin (VGA), S-video and composite video (BNC) interfaces, and supports both analog and digital inputs. SG1560S also supports HDCP (High-bandwidth Digital Content Protection) that displays content with copyright protection technology such as Blu-ray or game console contents. ※1

P-in-P (picture in picture) and P-by-P (picture by picture) support

P-by-P (picture by picture) function that divides the screen to two parts. Also, with the P-in-P function, you can change the position of the small window (select from the four corners) and size (select from large, medium, and small). This function can be used in various situations, such as displaying the surveillance camera and the computer screen on one display. ※2



Picture in Picture (P-in-P) and Picture by Picture (P-by-P) functions for simultaneous display of two sources

Solid metal housing and toughness design for 24/7 operation

Using a strong metal housing is suitable for embedding inside an industrial equipment. In addition, it is designed to withstand long-term use, and can be used for 24/7 operation.



**Robust housing with all-metal housing!
Toughness design to withstand 24/7 operation**

Compatible with VESA standard 100x100mm for stands and wall mounting

All SG series has 100x100mm screw hole on the back of the mainunit. It fits with the commercially available VESA wall mounting



Carry Handle

All SG series has carry handles that is convenient for carrying during the setup and installation.



Optional upright stand [Model number: SG_STD] and AC adapter holder [Model number: HLD001]

Using a strong metal housing is suitable for embedding inside an industrial equipment. An upright stand exclusively for SG series monitor is available as an option. AC adapter holder attachable to the SG series by VESA 100x100 mm screw holes on the back is also available as an option. ※4 ※5



Specification

Model No.	SG1560S	SG1850S	SG2150S	
Color		Black		
Display	Size	15.6"	21.5"	
	Aspect Ratio		16:9	
	LCD type	AAS	AHVA	IPS
	Resolution		1920x1080	
	Brightness	450 cd/m2	350 cd/m2	250 cd/m2
	Contrast Ratio	800:1	1000:1	1000:1
	View Angle	170°(V) / 170°(H)	178°(V) / 178°(H)	178°(V) / 178°(H)
Power		DC12V / 5A		
Input	3G-SDI (BNC) / HDMI (HDCP compatible) / DVI-D (HDCP compatible) / VGA (D-Sub15 pin) / Video (BNC) x 2 / S video / audio (RCA) x 2 / PC audio (3.5mm)			
Output	3G-SDI (BNC) / Video (BNC) x 2 / audio (RCA) x 2 ※3			
Speaker		2W x 2 (L/R)		
Power Consumption		32W		
Operating Temperature		0°C ~ 40°C		
VESA (FPMPMI) standard		100x100		
External dimensions	376.6 x 232.7 x 55 mm	441.2x271.4x58	506.4 x 309 x 59 mm	
Weight	3,000g	3,600g	4,750g	
Included items	Monitor / VGA Cable /Audio (RCA) red and white Cable/ AC Adaptor/Remote Controller/ Manual			
Package Contents	FCC/CE/RoHS/PSE (AC adapter)			

※1 HDCP 2.2 is not supported.

※2 PinP and PbyP functions cannot be used in the following combinations :digital and digital (SDI and HDMI or DVI-D, HDMI and DVI-D), video 1 and video 2, video 1/2 and S video.

※3 Audio output is valid only when video input is selected.

※4 When using the AC adapter holder, wall mounting cannot be used because the VESA 100x100mm screw holes on the back are blocked.

※5 The display does not come with a stand. [Model number: SG_STD] . A commercially available VESA 100x100mm compatible monitor stand is required to make it self-supporting.

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※Appearance and specifications may change without notice. Please note.

The latest information and the detailed product specifications are available at www.ad-techno.com/en/

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