

## 3G-SDI / 4K@30 Full HD Monitor

# SG1561S/SG1851S/SG2151S



- Full HD LCD panel (1920x1080) adopted
- Robust metal casing design for 24/7 operation
- 3G-SDI Input/Output Interfaces
- HDMI • DVI-D • VGA • Video Input Interfaces
- Max 4K UHD@30 input support
- Cable clamp included as standard accessory
- Handle for portability
- Support wall mounting VESA standard
- EIA rack mount compatible (Option) \*SG1561S / SG1851S only



**Model No : SG1561S [15.6"]**  
**SG1851S [18.5"]**  
**SG2151S [21.5"]**

## Introduction

The SG series is a professional display equipped with a full HD LCD panel and input interfaces for 3G-SDI, HDMI, DVI-D, VGA, and composite video (BNC). It is the successor to the SG1560S, SG1850S, and SG2150S models and has undergone a complete overhaul of the chassis structure design, resulting in significant improvements to both quality and user experience. Despite these changes, the product maintains its various functions, specifications, and high cost performance.

It supports both 3G-SDI Level A and B and has an SDI output terminal that passes through the input SDI video signal, enabling daisy-chain between monitors. It also supports up to 4K UHD@30p input for HDMI connection.

The OSD (On-Screen Display) setting screen allows you to select the display aspect ratio from "Full (16:9)," "4:3," "1.85:1," and "2.35:1." It also has various functions such as pixel-to-pixel, scan and image flip. It comes with a function key feature that allows you to call up these functions with one action and a key lock feature that disables all button operations to prevent erroneous operations.

Cable clamps can be attached to the dedicated insertion holes next to the HDMI and audio output (3.5mm) interfaces, preventing unexpected disconnection or loosening of the connection cables. It also has a screw hole for chassis grounding on the lower part of the chassis.

This monitor features handles for easy portability and VESA mount screw holes (100x100mm), allowing it to be easily installed with commercially available stands or wall mount brackets. Additionally, the SG1561S and SG1851S are available with a dedicated bracket that can be mounted on an EIA.

The SG series is a specialized professional display ideal for industrial and commercial use. It features a solid metal chassis and a variety of connection terminals compatible with 4K input, making it suitable for a range of applications, including temporary events, broadcast equipment, previewing at shooting sites, stage wings, server rack monitoring, previewing in medical equipment racks, and various other permanent facilities.

## Robust metal casing design for 24/7 operation

SG1561S, SG1851S and SG2150S has been redesigned with improvements in both chassis parts and component design. As a result, the product boasts a robust design that is more resistant to impact than previous models.



## 3G-SDI Level A / B support

The 3G-SDI signal supports both Level A and B.

## Max 4K UHD@30p input support

With HDMI connection, it supports up to 4K UHD@30p input.

## 3G-SDI Input/Output Interfaces

The SDI signal adheres to the SMPTE standard and the SDI output interface can pass through the input signal without any alteration. This seamless connection allows for the SDI signal to be easily connected to a variety of video recording equipment or LCD displays.



## Cable clamp included as standard accessory

Special cable clamps can be attached to the dedicated insertion holes located next to the HDMI and audio output (3.5mm) terminals, allowing each connecting cable to be secured and preventing unexpected detachment or looseness.



## HDMI • DVI-D • VGA • Video Input Interfaces

Equipped with various interfaces including HDMI (HDCP compatible), DVI-D (HDCP compatible), mini D-Sub15 pin (VGA), and composite video (BNC), making it versatile and compatible with both analog and digital inputs. This means you can connect it to a variety of devices depending on your needs. Additionally, it supports HDCP (High-bandwidth Digital Content Protection) which prevents unauthorized copying of contents protected by copyright protection technology such as Blu-ray. This makes it an ideal choice for connecting to game consoles and Blu-ray players alike.

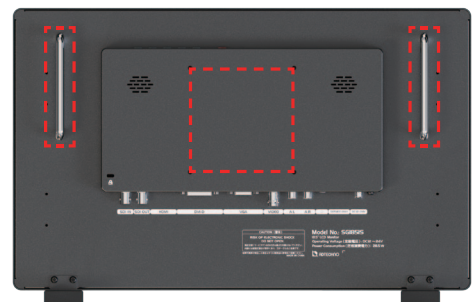


## Handles for portability

Equipped with a convenient carry handles making it easy to carry and install.

## Support wall mounting VESA standard

Featuring VESA mount standard 100x100mm screw holes, making it possible to install with commercially available stands or wall mount brackets.



## EIA rack mount compatible (Optional) \*SG1561S / SG1851S only

Optional dedicated brackets that can be mounted on EIA racks are available for the SG1561S and SG1851S, making them suitable for monitoring servers in control rooms or as preview displays in medical equipment racks.

## Specification

|                     |   |                     |                   |
|---------------------|---|---------------------|-------------------|
| Model No.           | SG1561S   | SG1851S             | SG2151S           |
| Color               |   | Black               |                   |
| Panel               | Display Size  | 15.6"               | 18.5"             |
|                     | Aspect Ratio  |                     | 16:9 (widescreen) |
|                     | Resolution  |                     | 1920 x 1080       |
|                     | Brightness  | 700 cd/m2           | 500 cd/m2         |
|                     | Contrast  | 3000:1              | 1200:1            |
|                     | View Angle  | 170°(V) / 170°(H)   | 178°(V) / 178°(H) |
| Input               | 3G-SDI / HDMI / DVI-D / VGA / Video (BNC) / Audio (RCA) L · R x1              |                     |                   |
| Output              | 3G-SDI / Audio (3.5mm)  |                     |                   |
| Others              | USB Type A (for firmware update)  |                     |                   |
| Speaker             | 2W x 2 (L/R)  |                     |                   |
| VESA                | 100 x 100 mm  |                     |                   |
| EIA Rack Mount      | Option  | Option              | -                 |
| Power               |   | DC12V ~ 24V         |                   |
| Power Consumption   | Max 30W   | Max 29W             | Max 32W           |
| Operating Temp      |   | 0°C ~ 40°C          |                   |
| Storage Temp        |   | -20°C ~ 60°C        |                   |
| Dimension (WxHxD) ※ | 377 x 233 x 41 mm   | 442 x 282.4 x 44 mm | 509 x 312 x 44 mm |
| Weight              | About 3,300g  | About 4,300g        | About 5,900g      |
| Accessory           | AC Adaptor / Power Cord / Stand x1 (Set) / Remote controller / Cable clamp x2 |                     |                   |
| Certificate         | FCC / CE / PSE(AC Adaptor) / RoHS   |                     |                   |
| Warranty            | 1 Year  |                     |                   |

※ Does not include stand and protrusions

The latest information and the detailed product specifications are available at [www.ad-techno.com/en/](http://www.ad-techno.com/en/)

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