

## SCD-A121SR/SZ/SG

## 12.1 Full-Plane Aluminum Alloy Industrial Display Monitor



### Main features

- 12.1" LED industrial backlight screen, resolution 1024×768, optional full-plane capacitive screen multi-touch, IP65 waterproof level
- Aluminum alloy front panel and metal box structure, sturdy, dustproof and anti-interference, optional waterproof rubber strip to better prevent moisture from penetrating into the box
- Wide temperature (-10 ~ 60°C) stable operation, voltage input DC 12V and 2PIN phoenix terminal, support grounding wire
- The display input can be VGA+HDMI or VGA+DVI+HDMI, the touch is a USB interface, and the audio port can be added with a built-in speaker
- OSD button menu supports brightness, contrast, color temperature, multi-Chinese languages such as Chinese/English and other functions
- Support embedded, VESA standard (100×100mm) bracket or support arm flexible installation

## Product Introduction

SCD-121SR/SZ/SG industrial display adopts a 12.1-inch 4:3 LED LCD screen, with a resolution of 1024×768, an optional capacitive touch screen supports multi-touch, with IP65 protection level, the aluminum alloy front panel is beautiful and stylish, sturdy, dustproof and anti-interference, can be used in harsh environments, and has a wide temperature (-10 ~ 60°C) and stable operation.

It provides a wealth of display input interfaces: VGA+HDMI or VGA+DVI+HDMI, voltage input supports DC 12V and 2PIN Phoenix terminals, provides safe grounding components to effectively protect the device, supports embedded and VESA standard installation methods, and can quickly use a variety of universal brackets or support arms for convenient and flexible installation.

It can be applied to industrial control, power communication, medical education, visual logistics, smart city, self-service terminal and other fields.

## Specimen Parameters

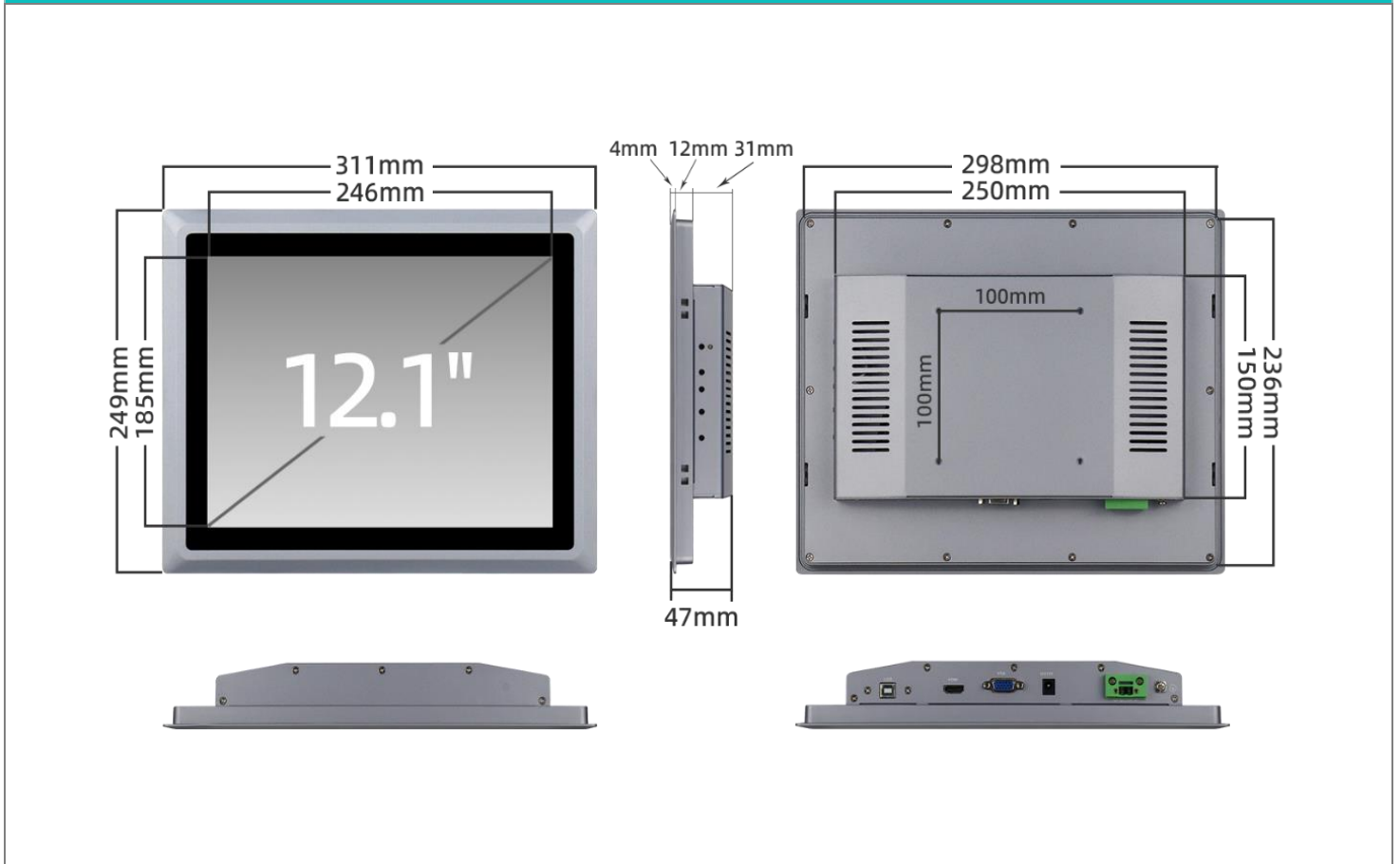
Screen		Structure	
Screen size	12.1"	Front panel	Aluminum alloy: 4mm to thickness, 2mm to thin
Screen ratio	4:3 positive screen	Protection Level	The front panel is IP65 waterproof and dustproof
Resolution	1024×768 @60Hz	Box Material	Sheet metal panel with grounding terminal
Panel type	TFT-LED industrial backlight screen	Heat dissipation	Fanless silent
Response time	5ms	Audio speakers	None (optional built-in dual speakers)
Degree of contrast	1000:1	Installation Method	Embedded, VESA bracket type (100×100mm)
Pixel spacing	0.240mm	Product Dimensions	311×249×47mm
Brightness	300~500cd/m <sup>2</sup>	Hole Size	298×236mm
Viewing angle	Horizontal 160° / Vertical 150°	Package size	390×330×155mm
Viewable area	246×185mm	Product color	Silver (grayish)
Display colors	16.7M	Product Weight	Net weight 2.1kg, gross weight 3.3kg
Touch		Environment	
Touch Screen	Full-plane Capacitive Touch Screen, 10-point Touch Control	Anti-interference	EMI/EMC Interference Detection Standards
Glass hardness	tempered glass, Mohs hardness ≥ 7H	ESD static electricity	The contact discharge ± 8KV, the air discharge ± 15KV
Transmittance Rate	>87%	Vibration resistance	5~500Hz, 2Grms random vibration
Touch Count	> 50 million times	Shock resistance	Working Status: 10G@11ms, Non-Working Status: 20G@11ms

<b>Controls</b>	USB interface	<b>Ambient temperature</b>	Working environment: -10°C~60°C, storage environment: -20°C~70°C
<b>Driver support</b>	Direct touch without driver, finger or stylus	<b>Relative Humidity</b>	5%~85% (non-condensing)
<b>Interfaces</b>		<b>System</b>	
<b>OSD button</b>	Power / + / - / Menu / Auto	<b>Power Characteristics</b>	AC 220V input, DC 12V power adapter
<b>Menu function</b>	Support brightness, contrast, color temperature, and language adjustment functions	<b>Compatible systems</b>	Support Windows, Linux, Android
<b>Menu language</b>	Chinese/English/Spain/French/German/Italy/Portuguese/Korean		
<b>I/O interface</b>	1×VGA、1×HDMI、1×DVI、1×DC 12V、1×2pin、1×GND、1×USB		

## Product images



## Product dimensions



**Ordering Information**

<b>Product model</b>	<b>Standard configuration</b>
<b>SCD-A121SG (VH)</b>	No touch / 12.1 " / 1024×768 / VGA+HDMI / DC 12V+2pin / GND / Silver
<b>SCD-A21SG (VHD)</b>	No touch / 12.1 " / 1024×768 / VGA+HDMI+DVI / DC 12V+2pin / GND / Silver
<b>SCD-A21SR (VH)</b>	Capacitive touch screen / 12.1 " / 1024×768 / VGA+HDMI / DC 12V+2pin / USB-B / GND / Silver
<b>SCD-A21SR (VHD)</b>	Capacitive touch screen /12.1 " / 1024×768 / VGA+HDMI+DVI / DC 12V+2pin / USB-B / GND /Silver
<b>SCD-A121SZ (VH)</b>	Resistive touch screen / 12.1 " / 1024×768 / VGA+HDMI / DC 12V+2pin / USB-B / GND / Silver
<b>SCD-A121SZ (VHD)</b>	Resistive touch screen / 12.1 " / 1024×768 / VGA+HDMI+DVI / DC 12V+2pin / USB-B / GND /Silver

**Optional accessories and configuration upgrades**

<b>Component Name</b>	<b>Description</b>
<b>Wall mount bracket</b>	VESA 100×100mm holes for wall mounting
<b>Desk stand</b>	VESA 100×100mm holes are used for mounting on the desktop
<b>Host configuration</b>	Optional Audio port with built-in speakers