

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.

Specifications

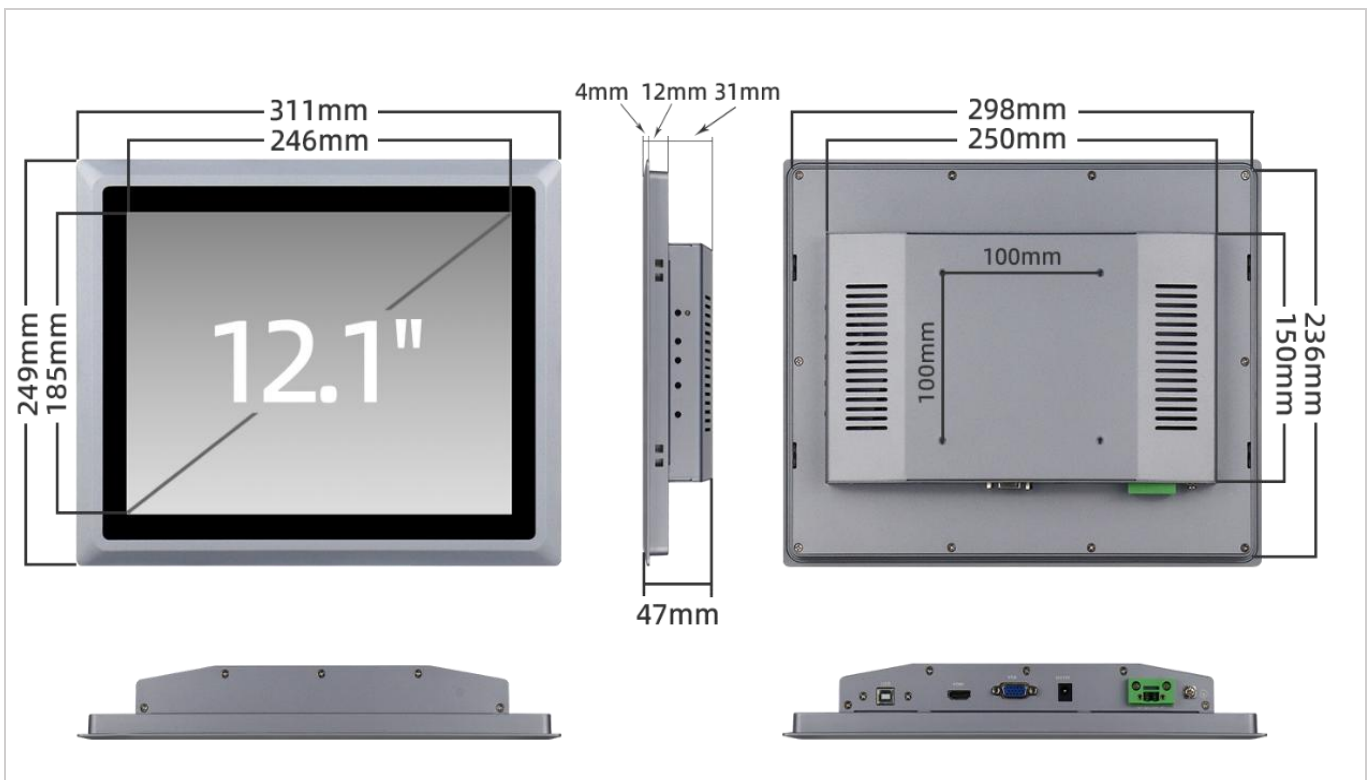
Screen		Structure	
Screen size	12.1"	Front panel	Aluminum alloy: 4mm to thickness, 2mm to thin
Screen ratio	4:3 positive screen	Protection Level	The front panel is IP65 waterproof and dustproof
Resolution	1024×768 @60Hz	Box Material	Sheet metal panel with grounding terminal
Panel type	TFT-LED industrial 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 ²	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 2.1 kg, gross weight 3.3kg
Touch			
Touch the screen	Full flat capacitive touch screen, 10 point touch	Resistive touch screen, 1 point touch	No touch screen
Glass hardness	Tempered glass, Mohs hardness≥7H	Ordinary glass, Mohs hardness ≥ 4H	Tempered glass, Mohs hardness≥7H
Light transmittance	> 87%	> 79%	> 90%
The number of touches	> 50million times	> 35 million times	NO
Controls	USB Port	USB Port	NO
Driver support	Direct touch without driver, finger or stylus	Requires driver, finger or stylus touches	NO
Interface		Environment	
Power supply characteristics	AC 220V input, DC 12V power adapter	Interference resistance	EMI/EMC interference detection standards

Compatible systems	Support Windows, Linux, and Android	ESD static electricity	The contact discharge $\pm 8KV$, the air discharge $\pm 15KV$
OSD button	Power / + / - / Menu / Auto	Vibration resistance	5~500Hz, 2Grms random vibration
Menu function	Support brightness, contrast, color temperature, language and other functions to adjust	Shock resistant	Working Status: 10G@11ms, Non-Working Status: 20G@11ms
Menu Language	Chinese/English/Spanish/French/German/Italian/Portuguese/Korean	Working environment	-10°C to 60°C
Input/Output Interface	(VH) 1×VGA, 1×HDMI, 1×DC, 1×2pin, 1×GND	Storage environment	-20°C to 70°C
	(VHD) 1×VGA, 1×HDMI, 1×DVI, 1×DC, 1×2pin, 1×GND	relative humidity	5%~85% (no condensation).

Product images



Product dimensions



Order Information

Product model	Touch	screen	resolution	Displays the signal input	power supply	USB	earthing
SCD-A121SG (VH)	No touch	12.1 "	1024×768	VGA+HDMI	DC 12V+2pin	NO	GND
SCD-A21SG (VHD)	No touch	12.1 "	1024×768	VGA+HDMI+DVI	DC 12V+2pin	NO	GND
SCD-A21SR (VH)	Capacitive touch screen	12.1 "	1024×768	VGA+HDMI	DC 12V+2pin	USB-B	GND
SCD-A21SR (VHD)	Capacitive touch screen	12.1 "	1024×768	VGA+HDMI+DVI	DC 12V+2pin	USB-B	GND
SCD-A121SZ (VH)	Resistive touch screen	12.1 "	1024×768	VGA+HDMI	DC 12V+2pin	USB-B	GND
SCD-A121SZ (VHD)	Resistive touch screen	12.1 "	1024×768	VGA+HDMI+DVI	DC 12V+2pin	USB-B	GND

Accessories list

name	description	quantity	remark
Recessed snaps	For flush mounting	4	Standard
Power adapter	DC 12V 3A power adapter	1	Standard
Power cord	National standard, European standard, British standard, American standard, etc., length can be 1.5m / 2m / 3m / 5m / 10m	1	Optional
VGA cable	Available lengths of 1.5m / 3m / 5m / 10m	1	Optional
USB cable	Available lengths 1.5m / 3m / 5m / 10m (no USB cable without touch function).	1	Optional
Warranty card	Soncci logo / neutral	1	Optional
Certificate	Soncci logo / neutral	1	Optional
Wall mount bracket	The VESA100×100mm hole is used for wall mounting	1	Optional
Desk stand	The VESA100×100mm hole is used for mounting on the desktop	1	Optional
Product configuration	Optional Audio port with built-in horn	1	Optional