


Key features:

- 18.5" LED industrial screen, resolution 1920×1080, optional capacitive touch screen or resistive touch screen, in line with IP65 waterproof grade
- 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-A185WR/WZ/WG industrial display adopts 18.5-inch 16:9 LED LCD screen, resolution 1920×1080, optional full-plane capacitive touch screen or resistive touch screen, with IP65 protection level, aluminum alloy front panel is beautiful and fashionable, sturdy, dustproof and anti-interference, can be used in harsh environments, wide temperature (-10 ~ 60°C) 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

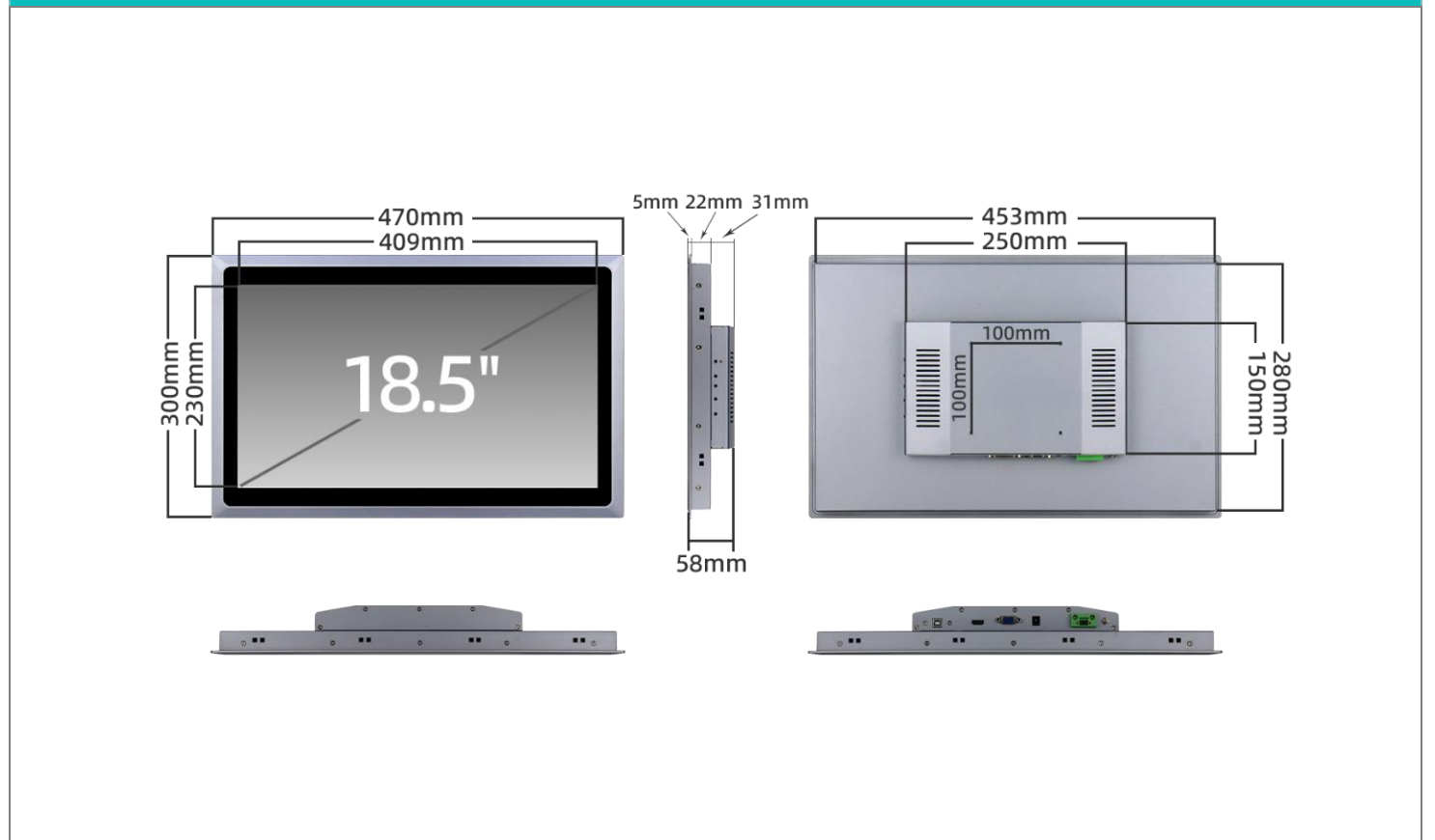
Screen		Structure	
Screen size	18.5 "	Front panel	Aluminum alloy: 4mm to thickness, 2mm to thin
Screen ratio	16:9 Widescreen	Protection Level	The front panel is IP65 waterproof and dustproof
Resolution	1366×768 / 1920×1080 @60Hz	Box Material	Sheet metal panel with grounding terminal
Panel type	TFT-LED 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	0.300mm	Product Dimensions	470×300×58mm
Brightness	300~500cd/m ²	Hole Size	453×280mm
Viewing angle	Horizontal 160° / Vertical 150°	Package size	535×455×155mm
Viewable area	409×230mm	Product color	Silver (grayish)
Display colors	16.7M	Product Weight	Net weight 4.2kg, gross weight 5.8kg
Touch			
Touch Screen	Full flat capacitive touch screen, 10-point touch	Resistive touch screen, 1 point touch	
Glass hardness	Tempered glass, Mohs hardness \geq 7H	Ordinary glass, Mohs hardness \geq 4H	
Light transmittance	>87%	>79%	
Touch Count	> 50 million times	> 35 million times	
Controls	USB interface	USB interface	
Driver support	Direct touch without driver, finger or stylus	Requires driver, finger or stylus touches	

Interfaces		Environment	
Power supply characteristics	AC 220V input, DC 12V power adapter	Interference resistance	EMI/EMC Interference Detection Standards
Compatible systems	Support Windows, Linux, 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 resistance	Working Status: 10G@11ms, Non-Working Status: 20G@11ms
Menu language	Chinese/English/Spain/French/German/Italy/Portuguese/Korean	Working environment	-10°C~60°C
I/O interface	(VH) 1×VGA、1×HDMI、1×DC、1×2pin、1×GND	Storage environment	-20°C~70°C
	(VHD) 1×VGA、1×HDMI、1×DVI、1×DC、1×2pin、1×GND	relative humidity	5%~85% (non-condensing)

Product images



Product dimensions



Ordering Information

Product model	Standard configuration
SCD-A185WG (VH)	No touch / 18.5 " / 1280×1024 / VGA+HDMI / DC 12V+2pin / GND / Silver
SCD-A185WG (VHD)	No touch /18.5 " / 1280×1024 / VGA+HDMI+DVI / DC 12V+2pin / GND / Silver
SCD-A185WR (VH)	Capacitive touch screen / 18.5 " / 1280×1024 / VGA+HDMI / DC 12V+2pin / USB-B / GND / Silver
SCD-A185WR (VHD)	Capacitive touch screen / 18.5 " /1280×1024 / VGA+HDMI+DVI / DC 12V+2pin / USB-B / GND /Silver
SCD-A185WZ (VH)	Resistive touch screen / 18.5 " / 1280×1024 / VGA+HDMI / DC 12V+2pin / USB-B / GND / Silver
SCD-A185WZ (VHD)	Resistive touch screen / 18.5 " /1280×1024 / VGA+HDMI+DVI / DC 12V+2pin / USB-B / GND /Silver

Optional accessories and configuration upgrades

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