

SCD-A170SR/SZ/SG

17" full-plane aluminum alloy industrial display



Key Features

- 17-inch LED industrial backlit screen, resolution of 1280×1024, optional full-plane capacitive touch screen with multi-point touch, and meets IP65 waterproof rating Aluminum alloy front panel and metal enclosure structure, sturdy, dust-proof, and anti-interference, with optional waterproof strips for better prevention of water seepage into the enclosure
 - The device operates stably over a wide temperature range (-10 ~ 60°C), with a DC 12V voltage input and a 2PIN phoenix connector, and supports grounding wire Display options include VGA+HDMI or VGA+DVI+HDMI, with touch input via USB interface, and an optional built-in audio port with speaker
- The OSD key menu supports brightness, contrast, color temperature, and multi-language adjustments such as Chinese/English
- Supports flexible installation with embedded, VESA standard (100×100mm) bracket or support arm

Product Introduction

SCD-A170SR/SZ/SG industrial display adopts a 17-inch 5:4 LED LCD screen, resolution 1280×1024, optional capacitive touch screen supports multi-touch, with IP65 protection level, aluminum alloy front panel is beautiful and stylish, 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.

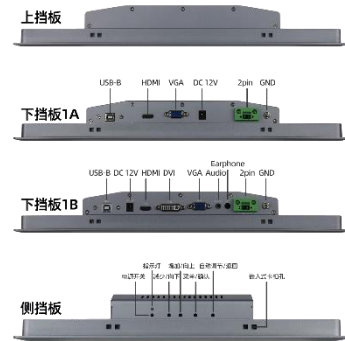
It can be applied to industrial control, power communication, medical education, visual logistics, smart city, self-service terminal and other fields.

Specimen Parameters

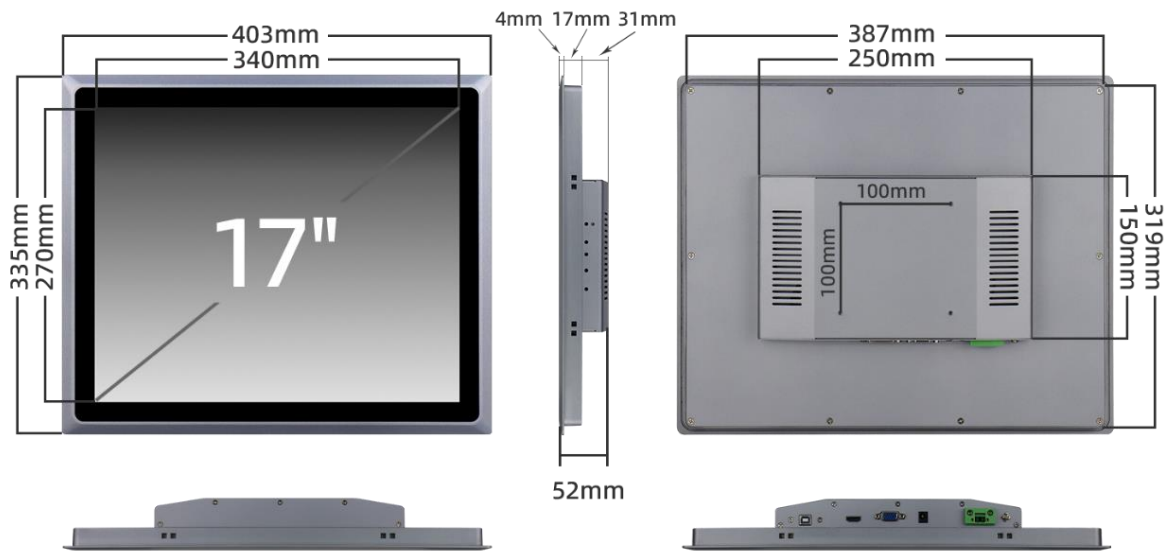
Screen		Structure	
Screen size	17 "	Front panel	Aluminum alloy: 4mm to thickness, 2mm to thin
Screen ratio	5:4 positive screen	Protection Level	The front panel is IP65 waterproof and dustproof
Resolution	1280×1024 @60Hz	Box Material	Sheet metal panel with grounding terminal
Panel type	TFT-LED industrial 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	0.264mm	Product Dimensions	403×335×52mm
Brightness	300~500cd/m ²	Hole Size	387×319mm
Viewing angle	Horizontal 160° / Vertical 150°	Package size	485×425×155mm
Viewable area	340×270mm	Product color	Silver (grayish)
Display colors	16.7M	Product Weight	Net weight 3.4kg, gross weight 4.9kg
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
Controls	USB interface	Ambient temperature	Working environment: -10°C~60°C, storage environment: -20°C~70°C

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

Product images



Product dimensions



Ordering Information

Product model	Standard configuration
SCD-A170SG (VH)	No touch / 17 " / 1280×1024 / VGA+HDMI / DC 12V+2pin / GND / Silver
SCD-A170SG (VHD)	No touch / 17 " / 1280×1024 / VGA+HDMI+DVI / DC 12V+2pin / GND / Silver
SCD-A170SR (VH)	Capacitive touch screen / 17 " / 1280×1024 / VGA+HDMI / DC 12V+2pin / USB-B / GND / Silver
SCD-A170SR (VHD)	Capacitive touch screen / 17 " / 1280×1024 / VGA+HDMI+DVI / DC 12V+2pin / USB-B / GND / Silver
SCD-A170SZ (VH)	Resistive touch screen / 17 " / 1280×1024 / VGA+HDMI / DC 12V+2pin / USB-B / GND / Silver
SCD-A170SZ (VHD)	Resistive touch screen / 17 " / 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