

Industrial LCD HD Monitor with VGA DVI HDMI Input 12.1"

Size: 12.1"

12.1" industrial touch widescreen monitor with excellent LCD color display, suitable for indoor/outdoor applications, supports tabletop mount, embedded mount, wall-hanging, open frame, and VESA stand. With DVI VGA USB input, Aluminum alloy shell, suit for medical and industrial equipment.



RJ45



HDMI



DVI



VGA



Audio



DC12V-24V



Industrial LCD Monitor VGA HD Input 12.1"

Model: SD121-M2

SD-OMEGA offers a full range of LCD TFT displays for professional industrial and applications. They can be used for indoor and outdoor applications also can perform perfectly under bright sunlight or harsh environments. With self factory, Our industrial monitors are of premium quality, low-cost, and economically competitive.

12.1 inch IP65 rated front waterproof support 1000nits high bright touch screen monitor for industrial environments.

SD-OMEGA Industrial LCD Monitors Features

- Monitor colors: black or silver, offer appearance color customization service.
- Industrial monitors have passed IP65 dust-proof and waterproof standards.

- The working temperature for the monitor is -20~70 Celsius degrees, humidity range is 10%~90%.
- Support long-term, all-weather operation, 365 days*24 hours and without interruption.
- It is designed with a 3mm bezel thin front bezel, suitable for embedding into other cabinets.
- Aluminum alloy shell, better performance for heat-dissipation than ordinary metal material.
- Support non-touch, resistive touch screen, capacity touch screen, and IR touch.
- The monitor provides standard I/O interface: VGA, HDMI, DVI, automatic identification signal channel, also support other customized multi interfaces.
- Special design for DC power port with anti-shedding.
- Anti-interference design to meet EMI / EMC standards.
- Triple protection for the monitor: moisture-proof, explosion-proof, and flameproof.
- Shock resistance for monitor reach GB2423, it can be well-protected during transportation.
- The anti-static level of contact is 4KV, supporting customized MAX 16KV for industrial monitors.
- The industrial monitors adopt an anti-surge design, it can be well-protected during instantaneous voltage rising into 280V.
- The industrial monitors support a variety of installation methods, details are as below:
- SD-OMEGA industrial-grade LCD touch screen monitor offers many installation styles, such as desktop, embedded, wall-mounted and rack-mounted, cantilever.

Screen parameters	Screen size	12.1 inch
	Model	SD121-M2
	Resolution	1280*800
	Proportion	16:10 widescreen
	Gray-scale response time	5ms
	Panel Type Industrial	Control A style TFT
	Point distance	0.264mm
	Contrast	1000:1
	Backlight type	LED, use length≥50000h
	Display color	16.7M
	Visual angle	160/160 (Customizable 178° full view angle)
	Brightness	400cd/m2 (customizable high brightness)
	Touch type	Resistive / capacitive / mouse control
	Number of touches	≥ 50 million times

Other parameters	Power Supply	4A External Power Adapter
	Power Performance	100-240V, 50-60HZ
	Input voltage	12-24V
	Anti-static	contact 4KV-air 8KV (can be customized $\geq 16KV$)
	Power	$\leq 48W$
	Anti-vibration	GB2423 standard
	Anti-interference	EMC EMI anti-electromagnetic interference
	Dustproof and waterproof	front panel IP65 dustproof and waterproof
	Housing Material	Black/Silver, Aluminum Alloy
	Installation method	Embedded, desktop, wall-mounted, cantilever
	Ambient temperature	$< 80\%$, non-condensable
	Working temperature	$-10^{\circ}C \sim 60^{\circ}C$ (customizable $-30^{\circ}C \sim 80^{\circ}C$)
	Language menu	Chinese, English, German, French, Korean, Spanish, Italian, Russian
O/I interface parameters	Signal Interface	DVI, HDMI, VGA
	Power connector	DC with ring attachment (optional DC terminal block)
	Touch interface	USB
	Other interfaces	Audio input and output