

## 18.5" Industrial Monitor Panel Mount LCD Display

Size: 18.5

This 18.5" industrial rugged monitor is available for numerous mechanical configurations including industrial-grade A+ and NEMA 4 (IP65) panels, Aluminum alloy housing, ultra-thin front bezels, suit for panel mount, and embedded mount. It is available for use in direct sunlight environments.





# 18.5-inch Industrial Panel Mount Monitor

## SD185-M2

SD-OMEGA 18.5-inch industrial-grade IP65 panel mount LCD flat panel display is engineered with industrial-grade, waterproof LCD monitors, offering high performance in harsh environments where dust, water splashes, dirt, moisture, oil, and chemicals conditions. It can be configured with numerous optional features like a PCAP touch screen, a Resistive touch screen, optical bonding, extended operational temperature, and extended operational voltage capabilities. Also support special functional modules such as NFC/RFID card reading and scanning, cameras, printing, etc.

### Features

- 18.5" Full HD TFT LCD panel, 1920\*1080 resolution, and 16:9 aspect
- SD-OMEGA 2nd-GEN series, 3mm slim bezel and compact design
- Fully-enclosed dustproof design
- Support high brightness display for outdoor applications
- HDMI, DisplayPort, DVI-D, Audio-in
- Projected Capacitive, Resistive, or Non-touch screen for options
- Rugged Die Cast Aluminum alloy chassis
- Optional Optical Bonding optional
- Compliant with IP65

Screen parameters	Screen size	18.5 inch
	Model	SD185-M2
	Resolution	1920*1080
	Proportion	16:9 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 (178° full view angle is customizable)
	Brightness	400cd/m2 (high brightness customizable)
	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, VESA, panel mount.
	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