

## Sunlight Readable Industrial Monitor with Optional Display

### Size 10.1 inch

SD-OMEGA industrial-grade touch display solutions are built to enable mission-critical industrial applications. These industrial monitors are sunlight readable, front IP65 dustproof and waterproof, and are highly shock and temperature tolerant, perfect for 24/7 hours industrial and commercial use.





### 10.1-inch Sunlight Readable Industrial Monitor

#### **Model: SD101-M2**

SD-OMEGA has a new line of sunlight-readable touch screen monitors. These displays are durable, perfect for indoor or outdoor environments. The wide range in sizes from 7" to 21.5".

#### **SD-OMEGA Industrial Monitors Features**

- 300 to 1500 nits sunlight-readable screens.
- Wide Dimming Range.
- IP65 waterproof and dust-proof sealed front panel.
- HDMI, DVI-D, VGA & Composite Video Input.
- Front panel brightness controls.
- Standard capacitive or resistive touch screen, non-touchscreen optional.
- Low power, long span life LED backlighting monitor.
- The industrial monitors are suitable for Windows, Android, or Linux systems for various terminal devices.

- The monitors provide multi interfaces according to clients' requirements. Supporting port extension.
- All SD-OMEGA series industrial monitors adopt industrial grade driver board, compliance with standard flameproof, explosion-proof, and moisture-proof.
- The industrial monitors support multi-installation methods, such as wall-mounted, desktop, VESA, folding, and embedded mount.
- Cost-Effective: We have a professional R&D team to support OEM and ODM services.
- CE, ROHS, FCC Certified.

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### **Industrial Monitor - Product Model Quick Guide**

Product Model	LCD Display	Resolution	Aspect Ratio	Touch Screen Type
SD070-M-QD	7"	1024*600	16:9	Capacitive / Resistive / Non-Touch
SD080-M-QD	8"	1024*768	4:3	Capacitive / Resistive / Non-Touch
SD101-M2	10.1"	1280*800	16:10	Capacitive / Resistive / Non-Touch
SD104-M2	10.4"	1024*768	4:3	Capacitive / Resistive / Non-Touch
SD116-M2	11.6"	1920*1080	16:9	Capacitive / Resistive / Non-Touch
SD120-M2	12"	<b>1024*768</b>	4:3	Capacitive / Resistive / Non-Touch
SD121-M2	12.1"	1280*800	16:10	Capacitive / Resistive / Non-Touch
SD133-M2	13.3"	1920*1080	16:9	Capacitive / Resistive / Non-Touch
SD150-M2	15"	<b>1024*768</b>	4:3	Capacitive / Resistive / Non-Touch
SD156-M2	15.6"	<b>1920*1080</b>	16:9	Capacitive / Resistive / Non-Touch
SD170-M2	17"	1280*1024	5:4	Capacitive / Resistive / Non-Touch
SD173-M2	17.3"	<b>1920*1080</b>	16:9	Capacitive / Resistive / Non-Touch
SD185-M2	18.5"	1920*1080	16:9	Capacitive / Resistive / Non-Touch
SD190-M2	19"	<b>1280*1024</b>	5:4	Capacitive / Resistive / Non-Touch
SD191-M2	19.1"	1440*900	16:10	Capacitive / Resistive / Non-Touch
SD215-M2	21.5"	<b>1920*1080</b>	16:9	Capacitive / Resistive / Non-Touch
SD238-M2	23.8"	<b>1920*1080</b>	16:9	Capacitive / Resistive / Non-Touch

Screen parameters	Screen size	10.1 inch
	Model	SD101-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	800:1
	Backlight type	LED, use length≥50000h
	Display color	16.7M
	Visual angle	85/85/85/85 (178° full view angle 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 ≥ 16KV)
	Power	≤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 75, VESA 100, panel mount, open frame
	Ambient temperature	<80%, non-condensable
	Working temperature	-10°C~60°C (customizable -30°C~80°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