

Small Size Industrial LCD Displays 7 inch Monitor 8 inch

Touch Monitor

Size: 7" ~ 8"

SD-OMEGA 7-inch and 8-inch small-size monitors with industrial-grade quality provide ideal touch display solutions for custom projects. These small LCD monitors are designed to fit anywhere and are made from an aluminum alloy so they're tough enough to take a beating.







Industrial-Grade Quality and Performance

- These two small industrial monitors are designed with a universal appearance, support multi-installations, including desktop, embedded, and wall-hanging, etc.
- IP65 dustproof and waterproof protection.



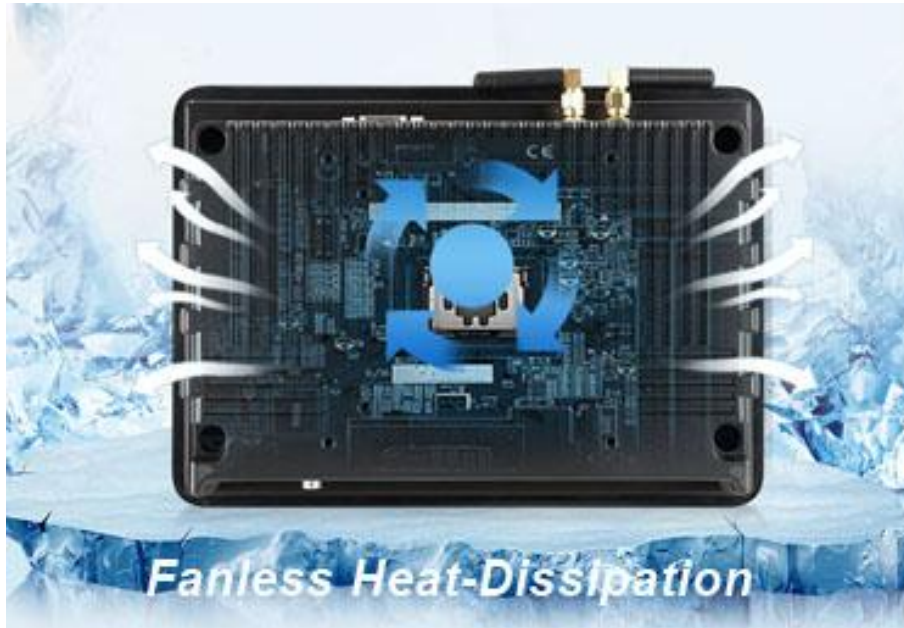
LED High-Definition Industrial Control Screen

- Long span-life LED backlight screen, and up A/A+ level industrial screens, presents high-quality clear images.
- 7-inch monitor with 1024*600 definition; the 8-inch monitor with 1024*768 definition.
- Color display: 16.7M
- Screen brightness: 300cd/m²
- Viewing angles: 75°/75°



Multi-Touch Screen Types Options

- Capacitive touch screens: Multi-point touch, high sensitivity, and fast response touch operation.
- Resistive touch screens: High light transmittance, high accuracy for touching, strong anti-interference performance.



Fanless Design For Heat-Dissipation, Low-Power Consumption

Internal heat dissipation structure design, and engineered with Aluminum alloy housing with high-efficiency thermal conductivity material, more stable for long-term operation.



Industrial-grade Display Driver Board

These small size industrial monitors adopt RTD2483 chips, which upgrade the stability and scalability.

- Anti-vibration: GB2423 compliant, keeping an unwearable operation in strong shock environments.

- The PCB is built with green environmental protection materials.
- Supports wide temperature operation: -20°C to +70°C.
- Anti-surge, anti-static protection.

Small Size Industrial Touch Screen Monitors

7" Industrial Monitor: Model: SD070-M-QD

8" Industrial Monitor: Model: SD080-M-QD

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Product Features

- 7" and 8" LCD screen panel option.
- 7-inch: 1024x600 native resolution, 16x9 Aspect Ratio
- 8-inch: 1024x768 native resolution, 4x3 Aspect Ratio
- Multi-point capacitive and 4/5-wiring resistive touchscreen support.
- Supports wide voltage input: 12V DC ~ 24V DC / 9V DC ~ 36V DC.
- VESA 75/100mm mounting holes.
- RoHS, FCC, CE Certification.
- 3-year warranty (36 months).

Screen parameters	Screen Size	7 inch / 1024*600 / 16:9
		8 inch / 1024*768 / 4:3
	HDMI	HDMI*1
	DVI	DVI*1
	Power Interface	DC 12~24V
	Extended display	VGA*1, support for synchronous dual display and differential display
	Network interface	RJ45*1
	Audio Interface	Audio I/O*1
	I/O extensions	Support customization
Display Parameters	Color	16.7M
	Point distance	0.264mm
	Screen panel	Industrial control screen

	Contrast	7" with 500:1 / 8" with 800:1
	Display brightness	300cd/m2 (high brightness customizable)
	View angle	(H)150 (V) 150, 178° wide viewing angle is customizable.
	Backlight type	LED-backlit screen Lifetime ≥ 50000h
	Gray-scale response time	6.5ms
	Touch Optional	Resistive/Capacitive/Mouse Control
	Installation method	Embedded, desktop, wall-mounted, VESA
Other Parameters	Power	12V-5A Professional External Power Adapter
	Power consumption	≤60W
	Working temperature	-10°C~60°C
	Storage temperature	-20°C~70°C
	Relative humidity	0%-65% (without condensation)
	Material	Full Aluminum alloy material
	Warranty Policy	Three-year warranty
	IP-rating protection	Front panel IP65 dustproof and waterproof
	Packing list	Industrial monitor / Mounting Accessories / Power Cord / Power Adapter / Driver CD / Manual / Warranty Card