

LCD Monitors For Mobile Medical Carts In Healthcare

Hospitals and Clinics Patient Care

Size: 10.1"

Powered and Non-Powered LCD monitors are suited for a mobile medical cart fleet. We design and manufactures LCD monitors for medical workstations and carts that deliver touch display functions in a simple yet seamless way.







10.1" LCD Displays For Mobile Medical Carts

Model: SD101-MT02

This SD-OMEGA LCD monitor with medical-grade quality and performance, is a medical LCD display, specially designed for mobile medical carts or medical workstations, with its shockproof, anti-interference, anti-static, radiation-resistant, dustproof, and waterproof, etc. This medical cart monitor adopts RTD2513 chip, ESD up to $\pm 8KV/\pm 15KV$, avoid some problems such as grey screen, grainy and pixelated screen. It is suitable for hospitals' strong electromagnetic environments, fully meeting mobile medical carts' various requirements, providing multi-functions in medical applications.

Product Features

- LCD display: 10.1-inch / 1280*800 / 16:10.
- Touchscreen: Multi-touch capacitive technology, supports touch by wearing gloves.
- Medical EN60601-1 certified.
- Aviation interface design: dust-proof, waterproof, oil-proof, shock-proof and fall off.
- Front panel IP65 dustproof and waterproof: effectively prevent damage from splashed water droplets.
- High and low-temperature resistance: The whole monitor is resistant to high and low temperatures, up to $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$.
- 12-36V wide voltage power supply: Effectively respond to voltage instability and trouble-free operation.
- Designed to meet requirements of medical carts, including shockproof, anti-interference, anti-static, dustproof, and waterproof.
- Adopting RTD2513 chip configuration, internal anti-interference layout, to prevent problems like gray screen, screen particles.
- High adaptability to the strong electromagnetic environment in the hospital.
- Support multiple installation methods (VESA, wall-mounted, adjustable ceiling-mounted, 360-degree rotating ball head mount, standing mounted).
- Self-developed industrial-grade display driver board with outstanding performance.
- Rich interfaces support I/O ports expansion.

Screen parameters	Screen Size	10.1 inch / 1280*800 / 16:10
Interface parameters	Power interface	DC*1, waterproof aviation connector
	Extended display	VGA*1, waterproof aviation connector
	Touch interface	1, waterproof aviation connector

	I/O expansion	Supports customization
Display parameters	Color	16.7M
	Point distance	0.264mm
	Screen panel	Industrial control screen
	Contrast	800:1
	Display brightness	300cd/m2 (high brightness customizable)
	View angle	85/85/85/85(L/R/U/D) full viewing angles.
	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, 360-degree rotating ball head mount.
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