

Indoor High Nits Industrial Displays 1000 Nits

Size: 10.1" ~ 21.5"

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High-brightness industrial monitors for indoor use are specialized display solutions designed to deliver clear, vibrant visuals in brightly lit indoor environments typically found in industrial settings. These monitors feature enhanced brightness levels and robust construction to ensure optimal performance and reliability in demanding indoor applications such as manufacturing facilities, warehouses, control rooms, and indoor digital signage.

Product Model Fast Guide

Model Name	Screen Size	Resolution	Aspect Ratio	Brightness
SD101-M8	10.1"	1280*800	16:10	1000cd/m ²
SD104-M8	10.4"	1024*768	4:3	800cd/m ²
SD116-M8	11.6"	1920*1080	16:9	900cd/m ²
SD120-M8	12"	1024*768	4:3	1000cd/m ²
SD150-M8	15"	1024*768	4:3	1000cd/m ²
SD156-M8	15.6"	1920*1080	16:9	1000cd/m ²
SD170-M8	17"	1280*1024	5:4	1000cd/m ²
SD190-M8	19"	1280*1024	5:4	1000cd/m ²
SD215-M8	21.5"	1920*1080	16:9	1000cd/m ²

Product Features

- **Enhanced Brightness:** These monitors are equipped with high-brightness displays typically ranging from 800 nits to 1000 nits or more, significantly higher than standard indoor monitors. The increased brightness ensures excellent visibility even in brightly lit indoor environments, maintaining the readability and legibility of the content.
- **Anti-Glare Coatings:** To minimize glare and reflections from indoor lighting sources, high-brightness industrial monitors may feature anti-glare coatings on their display surfaces. These coatings help improve visibility and reduce eye strain for users working in well-lit indoor environments.
- **Rugged Construction:** Despite being designed for indoor use, high-brightness industrial monitors still feature robust construction to withstand the rigors of industrial environments. They are built with durable materials and

rugged enclosures to ensure resistance to vibration, shock, and other environmental factors commonly encountered in industrial settings.

- **Wide Viewing Angles:** High-brightness industrial monitors typically offer wide viewing angles, ensuring consistent image quality and color accuracy when viewed from different positions within a room or facility. Wide viewing angles enable multiple users to view the screen simultaneously without experiencing distortion or color shifts.
- **Dust and Particle Resistance:** Industrial environments often generate dust, debris, and airborne particles that can affect display performance and longevity. SD-OMEGA high-brightness industrial monitors with IP65 protection standards to prevent dust ingress and maintain optimal performance over time.
- **Connectivity Options:** These monitors offer a range of connectivity options to accommodate various input sources and industrial systems. Common connectivity options include HDMI, DisplayPort, VGA, DVI, and RS-232 interfaces, enabling seamless integration with industrial equipment, computers, and control systems.
- **Energy Efficiency:** Despite their high brightness levels, high-brightness industrial monitors for indoor use are designed to be energy-efficient to minimize power consumption and operating costs. They may incorporate LED backlighting technology, low-power components, and intelligent power management features to optimize energy usage without compromising performance.

CPU	RTD2513 and RTD2556 options	
Interface Parameter	Touch interface	RJ45 port standard (defined as USB)
	HDMI	Support HDMI data input, maximum support 1080P
	VGA	1
	DVI	1
	DC Port	1*DC2.1, support 12V-36V wide voltage power supply
	Earphone Jack	Standard 3.5mm port
	Audio Port	Audio I/O
	I/O Expansion	Support I/O customization for various industries
Screen Parameters	Viewing Angle	160°/160, full viewing angle 178° can be customized.
	Backlight Type	LED, lifetime ≥50000h
	Grayscale Response Time	5ms
	Touch Technology	Capacitive, resistive, and non-touch
Product Reliability	Working Temperature	-20°C ~ 70°C
	Storage Temperature	-30°C ~ 80°C
	Operating Humidity	0% ~ 90% RH, non-condensing
Power Parameters	Power Consumption	≤35W
	Power Input	DC 12V~36V
Packaging Specification	Warranty Policy	One year warranty
	Packaging List	Industrial monitor, embedded buckles, VGA cable, power adapter, power cord, warranty card, instruction manual.