



AbraxSys
RUGGED LCD SOLUTIONS

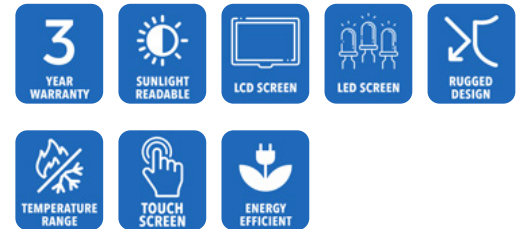
10.4" Sunlight Readable Open-Frame LCD Display

Model SRD-CM-104

Model SRD-CM-104 is a rugged Open-Frame systems with ultra-wide operational temperature capabilities. The product boasts a 10.4" display size with 1024 x 768 pixels, 1300 nits brightness (long-life LED backlight) and 700:1 contrast ratio.

This industrial grade LCD monitor is designed for use throughout a wide range of harsh applications. These rugged LCD displays are rigorously tested to ensure compliance with various industry standards and are engineered to withstand the effects of severe environments such as water, dust and dirt intrusion. These products perform well beyond ordinary 'commercial' type monitors. AbraxSys' high bright Sunlight Readable LCDs are ideal for use in any high ambient light condition, and will give you the intensity and brilliance your application requires.

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 HDMI

 VGA

 DVI

 Display Port

Technical Specifications

General

Model:
SRD-CM-104

Display Size
10.4"

Display Type
Long-Life Industrial Grade LCD

Backlight Technology
Long-Life Industrial Grade Active Matrix TFT LCD

Optical Films Enhancements
Boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

Brightness
1200 nits (cd/m²)

Dimming Capabilities
Deep Dimming Down to Black

Contrast Ratio
700:1

Aspect Ratio
4:3

Resolution
1024 x 768 (XGA) Native

Colors Supported
16 million

Viewing Angles
-85° / 85° Horizontal
-85° / 85° Vertical

Video Inputs
DVI, HD15 (VGA), HDMI, DisplayPort

User Controls
Multi-Functional User Keypad

Optical Bonding
[Optical Bonding](#)

Protective Window
3mm Hardened Protective Window, for more information [CLICK HERE](#) – (also available various optional Touch Screen Technologies)

Power Types
90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

Physical Attributes

Rear Enclosure
High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595

Overall Dimensions
9.19 x 8.28in
(233.426 x 210.312mm)

Sunlight Readability
The latest optical technology for high ambient light conditions

Warranty Period
3 Years

Environmental

Sunlight Readability
The latest optical technology for high ambient light conditions

Operating Temperature Range
-30°C to 75°C (-22°F to 167°F)

Storage Temperature
-30°C to 75°C (-22°F to 167°F)

Humidity
5% to 95% RH (non-condensing)

Shock
Operating: 30g's, 11ms, ½ Sine

Vibration
1g RMS 20-500Hz

EMI
FCC Class B pursuant to Part 15 of the FCC Rules

Agency Compliance
CE

Altitude
Operating 0 to 10,000 ft.
Storage 0 to 40,000 ft.

RoHS Compliant
Yes

Additional Add-On Options

Touch Screen Technology
NEMA 4 – IP65

Resistive

Projected Capacitive (PCAP)
– Multi-Touch

Hardened Armored Touch
Technology

Video Input Options
DVI, HD15 (VGA), DisplayPort,
and/or HDMI

Custom Video Modes

Dimming Capabilities
User Keypad (standard); Optional:
Manual Full-Range (on wire lead),
Automatic Dimming, or Remote
Dimming

Extended Operational
Temperature Ranges

Power Type Choices
90 VAC to 264 VAC; 12V DC; 24V

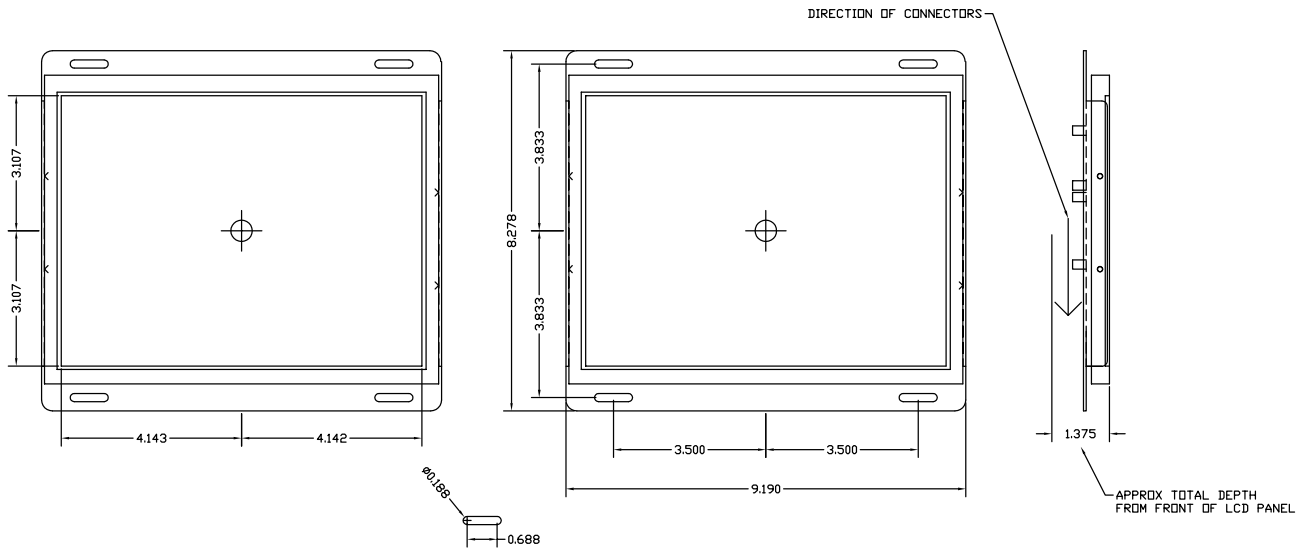
DC; 9 to 36V DC; or 20 to 53V DC

Optical Bonding

Customization Services

Conformal Coating of all
Internal Circuit Boards

Mechanical Drawings



These technical and mechanical resources are subject to change without notice.



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