



10.4" Industrial Grade Open-Frame LCD Display

Model CM-104



Model 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.





PRODUCT SPECIFICATIONS

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| Display Size | 10.4" |
| Display Type | Long-Life Industrial Grade LCD, LED-enhanced |
| Optical Bonding | Optional Optical Bonding of Front Protective Glass or Touch Screen Window (for more information about its benefits click HERE) |
| Backlight Technology | Solid State, Long-Life LED - CLICK HERE for more information 100,000 Hours Half-Life |
| Brightness | 400 nits |
| Contrast Ratio | 1400:1 |
| Aspect Ratio | 4:3 |
| Resolution (Max) | 1024 x 768 (XGA) |
| Colors Supported | 16 million |
| Viewing Angles | 89° up 89° down, 89° left 89° right |
| Video Input Options | DVI, HD15 (VGA), DisplayPort, Composite, S-video, HDMI |
| Power Source | 12V DC, 24V DC, 9 to 36V DC or AC |

PHYSICAL ATTRIBUTES

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| Rear Enclosure | High Grade Aluminum, Zinc-Chromate Dipped, Corrosion Resistant |
| Overall Dimensions | 9.19" (233.426mm) wide x 8.28" (210.312mm) high |
| Warranty Period | 3 Years |

ENVIRONMENTAL

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| Sunlight Readability | The latest optical technology for high ambient light conditions |
| Efficiency | Energy Efficient, Low Power Consumption |
| Design | High Environmental Performance and Reliability |
| Operating Temperature Range | -30° to 75° (-22°F to 167°F), Further Ranges also available |
| Storage Temperature | -30° to 75° (-22°F to 167°F) |
| Fasteners | Vibration-proof, self-locking, fastener system which will not loosen regardless of seat torque. Designed to help make products safer, lower warranty costs and prolong equipment life by eliminating vibration; increased safety, reliability, operating life and reduced maintenance. |
| Humidity | 5% to 95% RH (non-condensing) |
| Altitude | Operating 0 to 10,000 ft. / Storage 0 to 40,000 ft. |
| Shock | 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 |

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| RoHS Compliant | Yes |
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AVAILABLE ADD-ON OPTIONS

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| Touch Screen Technology (USB or Serial): Links to the various touch technologies: Resistive Hardened Armored Touch Technology |
| Dimming Capabilities: User Keypad (standard); Optional: Manual Full-Range, Automatic Dimming, or Remote Dimming |
| Custom Video Modes |
| Sunlight Readability Technology |
| Extended Operational Temperature Ranges (down to -40C up to +80C) |
| Optical Bonding |
| Power: 12VDC, 24VDC, 9-36 VDC, or AC |
| Conformal Coating of all Internal Circuit Boards |
| Private Labeling Services |