

10.1" Rugged LCD Monitor

Model XM-101



The AbraxSys Difference:

- True Industrial Grade LCD Panel
- Long-Life Advanced LED Backlighting, over 75,000 MTBF
- 400 nits (cd/m²) Brightness
- Wide Operational Temperature Range -20°C to 70°C (-4°F to 158°F)
- Optically Bonded Touch Screen: Multi-Touch Capacitive
- High Environmental Performance and Reliability
- Multiple Input Formats
- Wide Aspect Ratio
- Ultra-Wide Viewing Cone
- Supports embedded installation and tabletop installation
- Backlight adjustment, multiple adjustment modes, provides comfortable operation during the night
- IP65 dust-proof and waterproof full-sealed front panel
- Engineered, Produced, and Supported in the USA

This ultra-rugged display has advantages of a high brightness screen, adjustable backlight, as well as dust-proof and waterproof for the front panel, full-seamed enclosure, anti-corrosion, anti-vibration, and shock-resistant are all indispensable reliable performance for a harsh-duty applications. Our hardened touch sensor is typically constructed on a 1.2mm substrate allowing a sacrificial 6mm cover glass, meaning they are durable enough to withstand most impacts and extreme applications. Our specialty is harsh-duty touch screens for use in demanding applications where robust impact-resistant touch screens are paramount, our hardening and laminated glass optimizes the impact and scratch resistance while ensuring high transparency of the panel. Polycarbonate cover glass, while durable, is not stable in sunlight and offers MUCH lower scratch resistance than our hardened glass.



PRODUCT SPECIFICATIONS

| | |
|------------------------------|--|
| Display Size | 10.1 |
| Display Type | Long-Life Industrial Grade Active Matrix TFT LCD |
| Backlight Technology | Solid State, Long-Life LED - CLICK HERE for more information 75,000 Hours Half-Life |
| Brightness | 400 nits |
| 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. CLICK HERE for more information. |
| Contrast Ratio | 1000:1 |
| Aspect Ratio | 16:10 |
| Resolution (Max) | 1280 x 800 (WXGA) Native |
| Colors Supported | 16.7M |
| Viewing Angles | -80° ~ 80° horizontal, -80° ~ 80° vertical |
| Ultra-Response time (std) | 5 msec. |
| Video Inputs | VGA (HD15), DVI, HDMI |
| Touch Screen | Optically Bonded 10-point Projected Capacitive with UV-stable OCA [GG] |
| Touch Interface | Ethernet to act as USB interface |
| Touch Cycles | 50 Million |
| OSD | Push Button OSD |
| Power Types | 12V DC (other types available) |
| Power consumption (std) | Display only: 35W (Typ.) |

PHYSICAL ATTRIBUTES

| | |
|----------------------------|---|
| Touch Window Integration | Mounted FLUSH with the front bezel |
| Bezel | Brushed Silver / Black |
| Enclosure | Textured Black Powder-Coated High Zinc-Oxide Dipped Rear Board Cover |
| Versatile Mounting Methods | Panel Mounting by Adjustable 'Clips', 75 or 100 mm VESA mounting, Open Bracket mounting |
| Active area dimensions | 216.6mmx135.4mm |
| Display size (mm) WxHxD | 274.5mmx174.5mmx53.5mm |
| Weight (approx) | 7.7lbs (3.5Kg) |
| Warranty Period | 1 Year |

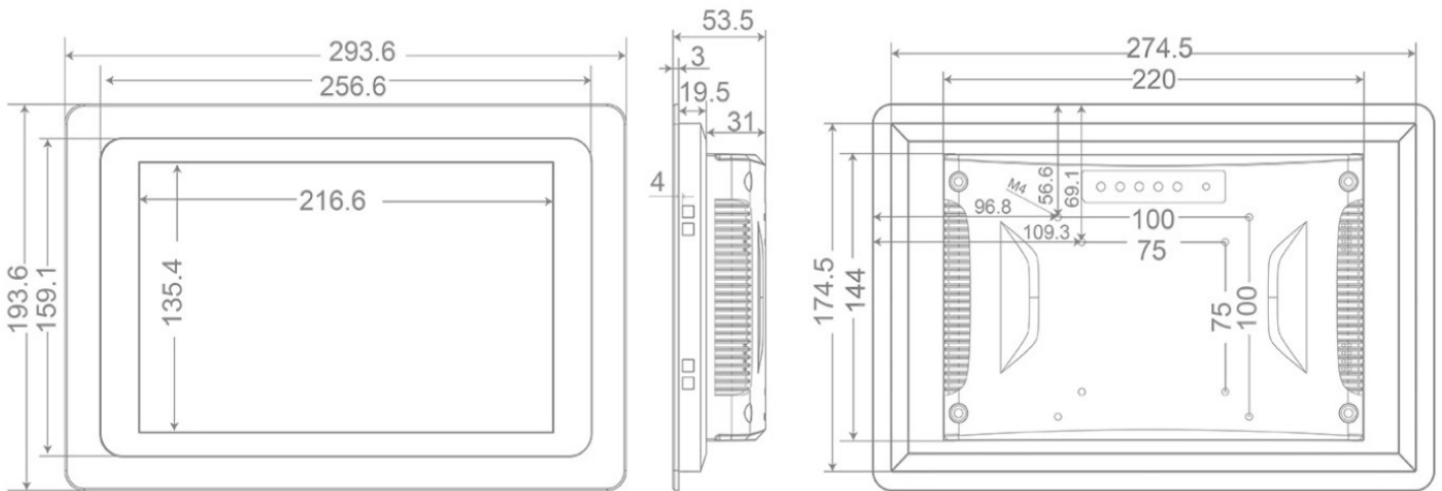
ENVIRONMENTAL

| | |
|-----------------------------|--|
| 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 | -20°C to 70°C (-4°F to 158°F); Optional -25°C to 75°C also available |
| Storage Temperature | -20°C to 70°C (-4°F to 158°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 | Operating: 20% to 80% (no condensation); Storage: 10% to 90% (non-condensing) |
| EMI | FCC Class B pursuant to Part 15 of the FCC Rules |
| Agency Compliance | CE, FCC, ROHS, HDMI |
| RoHS Compliant | Yes |



Powerful, Highly Efficient and Mute Fan-less Heat-Dissipation Structure

This hardened monitor adopts a rugged aluminum alloy casing and industrial-grade circulating heat conduction system



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



6161 Keller's Church Road
Units 6151B, 6161A, 6161B, 6171A & 6171B
Pipersville, Pennsylvania 18947 U.S.A.
TEL (800) 883-9050
info@abraxsyscorp.com | www.abraxsyscorp.com

