



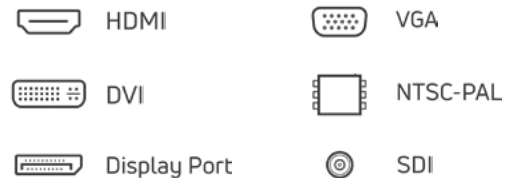
AbraxSys
RUGGED LCD SOLUTIONS

15" Sunlight Readable Rugged Tabletop LCD Monitor

Model SRD-T-150

Model SRD-T-150 IPS LCD monitor is a NEMA 12 (IP52) rated Sunlight Readable product and utilizes the latest 15" XGA TFT IPS Flat Panel and integrated with the AbraxSys enhanced LED high-luminance backlight technology producing 1100 nits (optional 1600 nits available). AbraxSys has added a versatile Analog-Digital interface board, backlight inverter and OSD controls. All elements, including a toughened glass protective screen have been packaged in a compact, rugged metal housing. The result is a flexible Display Head, ready for integration as part of any system; as an analog monitor, or a touchscreen driven human-machine interface.

This industrial grade Sunlight Readable NEMA 12 IP52 LCD TFT monitor is designed for use throughout a wide range of harsh outdoor 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.



Technical Specifications

General

Model
SRD-T-150

Display Size
15.0"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

Backlight Technology
Solid State, Long-Life LED, with Light Source Redundancy

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
1600 nits (cd/m²)

Dimming Capabilities
Deep Dimming Down to Black

Contrast Ratio
800:1

Aspect Ratio
4:3

Resolution
1024 x 768

Colors Supported
16.7M (8-bit/color)

Viewing Angles
- 80° / 80° Horizontal
- 70° / 80° Vertical

Video Inputs
DVI, HD15 (VGA), HDMI, DisplayPort, S-Video, SDI, Composite

User Controls
Front Keypad (can also be configured for rear controls, or Manual Full-Range Dimming Turn Pot, Automatic Dimming Sensor, or Remote Dimming)

Protective Window
3mm Sparkle Free Front Protective Impact Window or Projected Capacitive Touch Screen

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

Physical Attributes

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

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

Panel Mounting
VESA 100mm

Overall Dimensions
11.224 x 14.572 x 2.307 in

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 80°C (-22°F to 176°F)

Storage Temperature
-30°C to 85°C (-22°F to 185°F)

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

Shock
Operating: 30g's, 11ms, ½ Sine

Vibration
1g RMS 20-500Hz

Fasteners

Vibration-proof, self-locking, fastener system

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

Rating

NEMA 12 / IP50

Additional Add-On Options

Touch Screen Technology

NEMA 4 – IP65

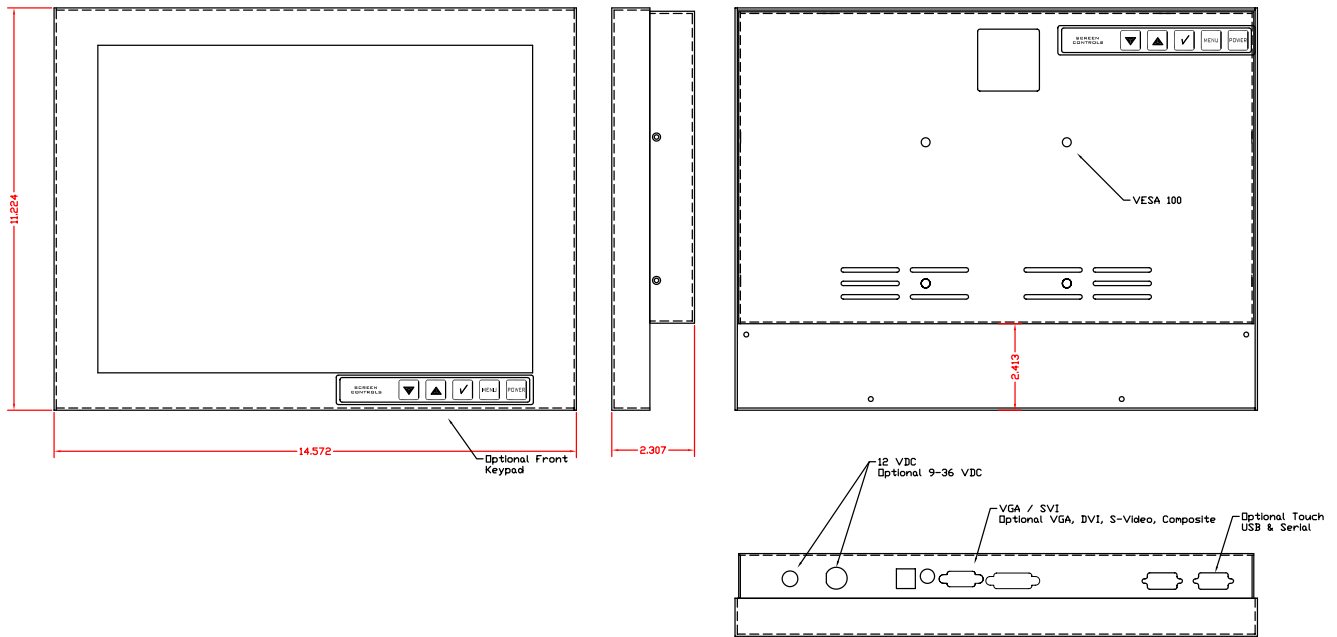
Resistive**Multi-Touch 2-Point Resistive****Hardened Armored Touch Technology****Multi-Touch Up to 10-Point PCAP****Video Input Options**

DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, HD-SDI, and/or NTSC-PAL

Custom Video Modes**Extended Operational Temperature Ranges****Conformal Coating of all Internal Circuit Boards****Private Labeling Services****Customization Services****Dimming Capabilities**

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

Mechanical Drawings



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



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