



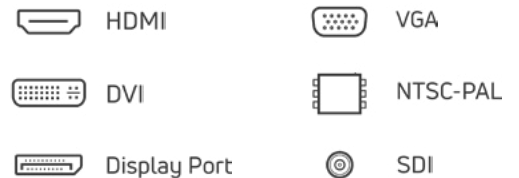
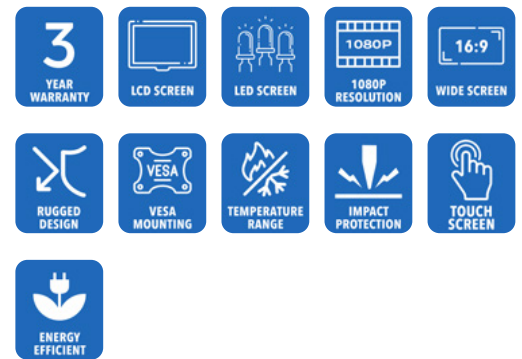
AbraxSys
RUGGED LCD SOLUTIONS

24" Industrial Grade Rugged Tabletop / Benchttop WIDE Video Format LCD Monitor

Model T-240

AbraxSys Industrial LCD Flat Panel Displays has been designed for industrial applications in the Control field and other users that require a 1080p Hi-Def compatible monitor with a small footprint, high brightness display with good viewing angles. The rugged, metal construction of the monitor ensures exceptional stability, especially important when touchscreen operation is necessary.

Model T-240 LCD monitor is a NEMA 12 (IP52) rated product and utilizes the latest 24" Hi-Definition 1920 x 1080 TFT Flat Panel. 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.



Technical Specifications

General

Model:

T-240

Display Size

24.0"

Display Type

Long-Life Industrial Grade LCD

Backlight Technology

Solid State, Long-Life LED

[CLICK HERE](#) for more information

Brightness

300 nits (cd/m2), 500 nits (cd/m2)

Dimming Capabilities

Multi-Functional User Keypad

Contrast Ratio

5000:1

Aspect Ratio

16:9, 16:10

Resolution

1920 x 1080 (1080p)

Colors Supported

16 million

Viewing Angles

- 89° / 89° Horizontal

- 89° / 89° Vertical

Video Inputs

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

User Controls

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

Optical Bonding

Optional Optical Bonding of Front Protective Glass or Touch Screen Window (for more information about its benefits [CLICK HERE](#))

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, 20 to 53V DC

Physical Attributes

Front Bezel

Stainless Steel

Sunlight Readability

The latest optical technology for high ambient light conditions

Rear Enclosure

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

Overall Dimensions

15.29 x 22.94 x 3.29 in
(388.45 x 582.86 x 83.74mm)

Warranty Period

3 Years

Environmental

Sunlight Readability

The latest optical technology for high ambient light conditions

Operating Temperature Range

-20°C to 70°C (-4°F to 158°F)

Storage Temperature

-30°C to 80°C (-22°F to 176°F)

Humidity

5% to 95% RH (non-condensing)

Shock

Operating: 30g's, 11ms, ½ Sine,
Non-Operating: 200G, 2ms, half sine wave, 1 time for ± X, ± Y, ± Z.

Vibration

Operating: 1g RMS 20-500Hz,
Non-Operating: 1.5G, 10 ~ 300 Hz,
10min/cycle, 3 cycles each X, Y, Z

EMI

FCC Class B pursuant to Part 15 of
the FCC Rules

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.

Agency Compliance

CE

Altitude

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

RoHS Compliant

Yes

Rating

NEMA 12 / IP52

Additional Add-On Options

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

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

Dimming Capabilities

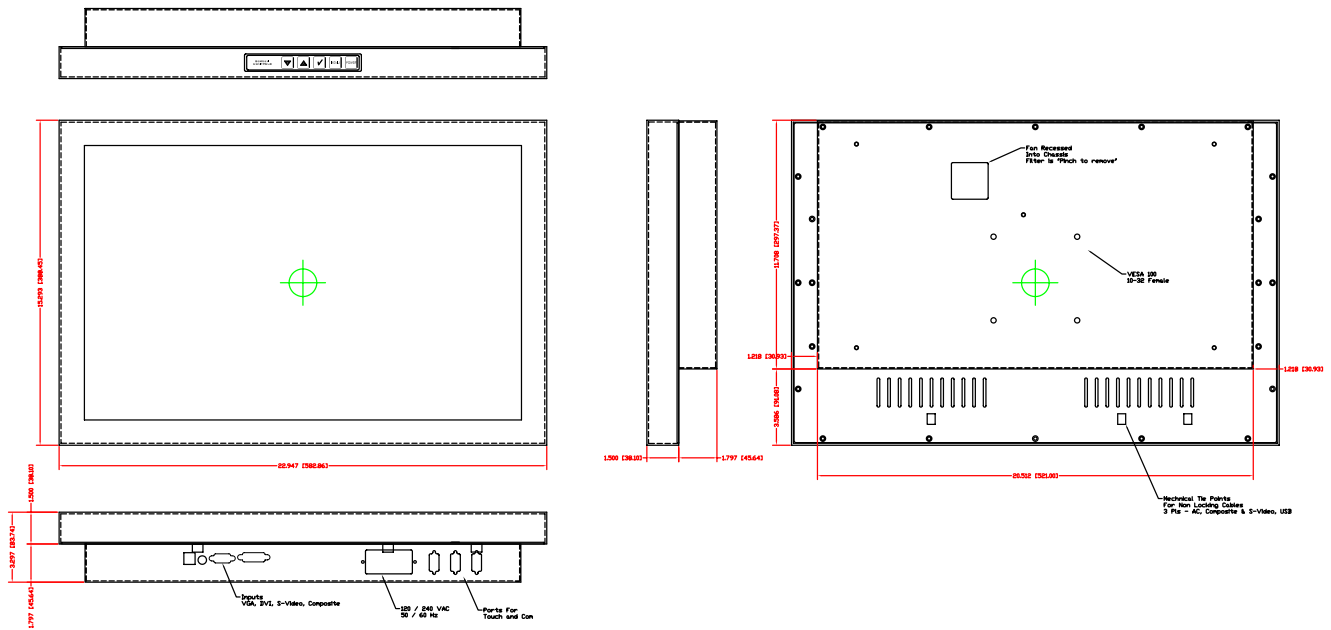
User Keypad (standard); Optional:
Manual Full-Range, Automatic
Dimming, or Remote Dimming

Custom Video Modes**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

**Conformal Coating of all
Internal Circuit Boards****Private Labeling Services****Customization Services****Sunlight Readable Model
Available**

Mechanical Drawings



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



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