



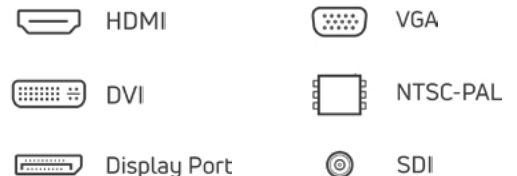
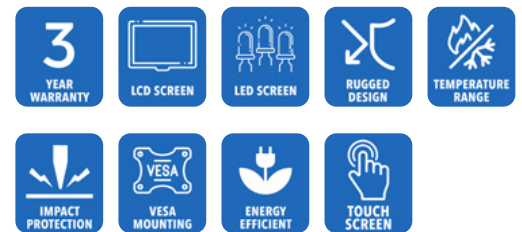
AbraxSys
RUGGED LCD SOLUTIONS

17" Industrial Grade NEMA 12 (IP52) Rugged Benchtop LCD Monitor

Model T-170

Model T-170 LCD monitor is a NEMA 12 (IP52) rated product and utilizes the latest 17" SXGA TFT Flat Panels. 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 rugged model offers exceptional shock and vibration safeguards and its milled housing is constructed of 6061 grade aluminum which has been dipped in zinc-chromate and then finished with a resilient corrosive resistant thermal-set black powder-coating. The desktop stand has a rugged mountable Baseplate with an adjustable Universal Ball and Socket Mounting System. This product is very ruggedly built, features long-life displays with no scheduled End Of Life. Incorporating the latest LCD and control electronics you are assured a display the will perform reliably in harsh industrial environments. Many configurations available, including our Sun Readable SRD models.



Technical Specifications

General

Model: T-170	Dimming Capabilities Front Keypad, Can be Reposition on the Rear of the Enclosure	Video Inputs DVI, HD15 (VGA), DisplayPort, Composite, S-Video, HD-SDI, HDMI
Display Size 17.0"	Contrast Ratio 1000:1	User Controls Multi-Touch Up to 10-Point PCAP or 5-wire Resistive or Hardened Armored 5-wire Resistive
Display Type Long-Life Industrial Grade Active Matrix TFT LCD	Aspect Ratio 5:4	Optical Bonding <u>Optical Bonding</u>
Backlight Technology Solid State, Long-Life LED, with Light Source Redundancy	Resolution 1280 x 1024 (SXGA) Native	Protective Window
Optical Films Enhancements <u>Optical Bonding</u>	Colors Supported 16.7M (8-bit/color)	Power Types 90 VAC to 264 VAC, 12V DC, 24V DC, 9 to 36V DC, 20 to 53V DC
Brightness 350 nits (cd/m2)	Viewing Angles - 85° / 85° Horizontal - 80° / 80° Vertical	

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	Overall Dimensions 15.66 x 13.00 x 2.08in
		Warranty Period 3 Years

Environmental

Operating Temperature Range -30°C to 70°C (-22°F to 158°F)	Vibration Operating: 1g RMS 20-500Hz	Agency Compliance CE
Storage Temperature -30°C to 70°C (-22°F to 158°F)	Fasteners Vibration-proof, self-locking, fastener system	Altitude Operating 0 to 10,000 ft. Storage 0 to 40,000 ft.
Humidity 5% to 95% RH (non-condensing)	EMI FCC Class B pursuant to Part 15 of the FCC Rules	RoHS Compliant Yes
Shock Operating: 30g's, 11ms, ½ Sine		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

Extended Operational Temperature Ranges

Customization Services

Custom Video Modes

Power Type Choices

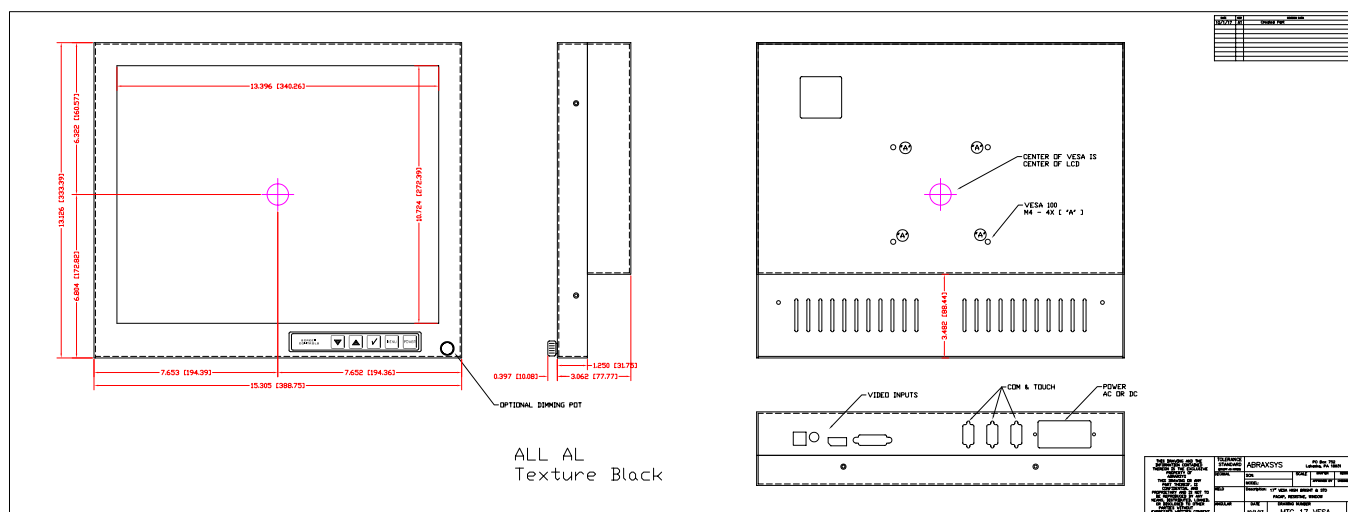
90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

Conformal Coating of all Internal Circuit Boards

Private Labeling Services

Sunlight Readable Model Available

Mechanical Drawings



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



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