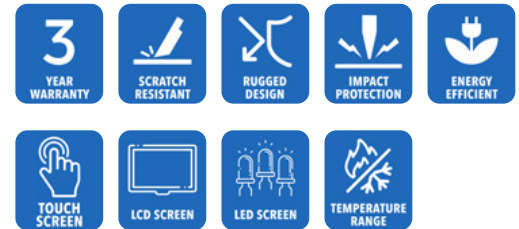# 15" Industrial Grade Rack Mount LCD Flat Panel Display

RM-150

Model RM-150 is a high-quality industrial grade 19 wide rack mountable LCD monitor. The product boasts a 15 display size with 1024 x 768 pixels, 500 nits brightness (long-life LED backlight) and Exceptional 2500:1 contrast ratio.

This rugged model offers exceptional shock and vibration safeguards and its front bezel and rear housing are 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. 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.

3 YEAR WARRANTY   **SCRATCH RESISTANT**   **RUGGED DESIGN**   **IMPACT PROTECTION**   **ENERGY EFFICIENT**

TOUCH SCREEN   **LCD SCREEN**   **LED SCREEN**   **TEMPERATURE RANGE**

Technical Specifications

General

Model
RM-150

Display Size
15.0"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

Backlight Technology
Solid State, Long-Life LED – CLICK HERE for more information

Brightness
500 nits (cd/m2)

Dimming Capabilities
Front Keypad (can also be configured for rear controls)

Contrast Ratio
Exceptional 2500:1

Aspect Ratio
4:3

Resolution
1024 x 768 (XGA) Native

Colors Supported
16.7M (8-bit/color)

Viewing Angles
-88° / 88° Horizontal
-88° / 88° Vertical

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

User Controls
Front Keypad (can also be configured for rear controls)

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
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
12.220 x 18.28 x 2.60 in
(310.39 x 462.99 x 66.04mm)

Weight
15 lbs. (6.8 Kg)

Warranty Period
3 Years

Environmental

Operating Temperature Range
-30°C to 70°C (-22°F to 158°F)

Storage Temperature
-40°C to 85°C (-40°F to 185°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

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.

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 4 / IP65

Additional Add-On Options

Touch Screen Technology

**(USB or Serial): Links to the
various touch technologies**

Resistive

Multi-Touch 2-Point Resistive

**Hardened Armored Touch
Technology**

Video Input Options
DVI, HD15 (VGA), DisplayPort,
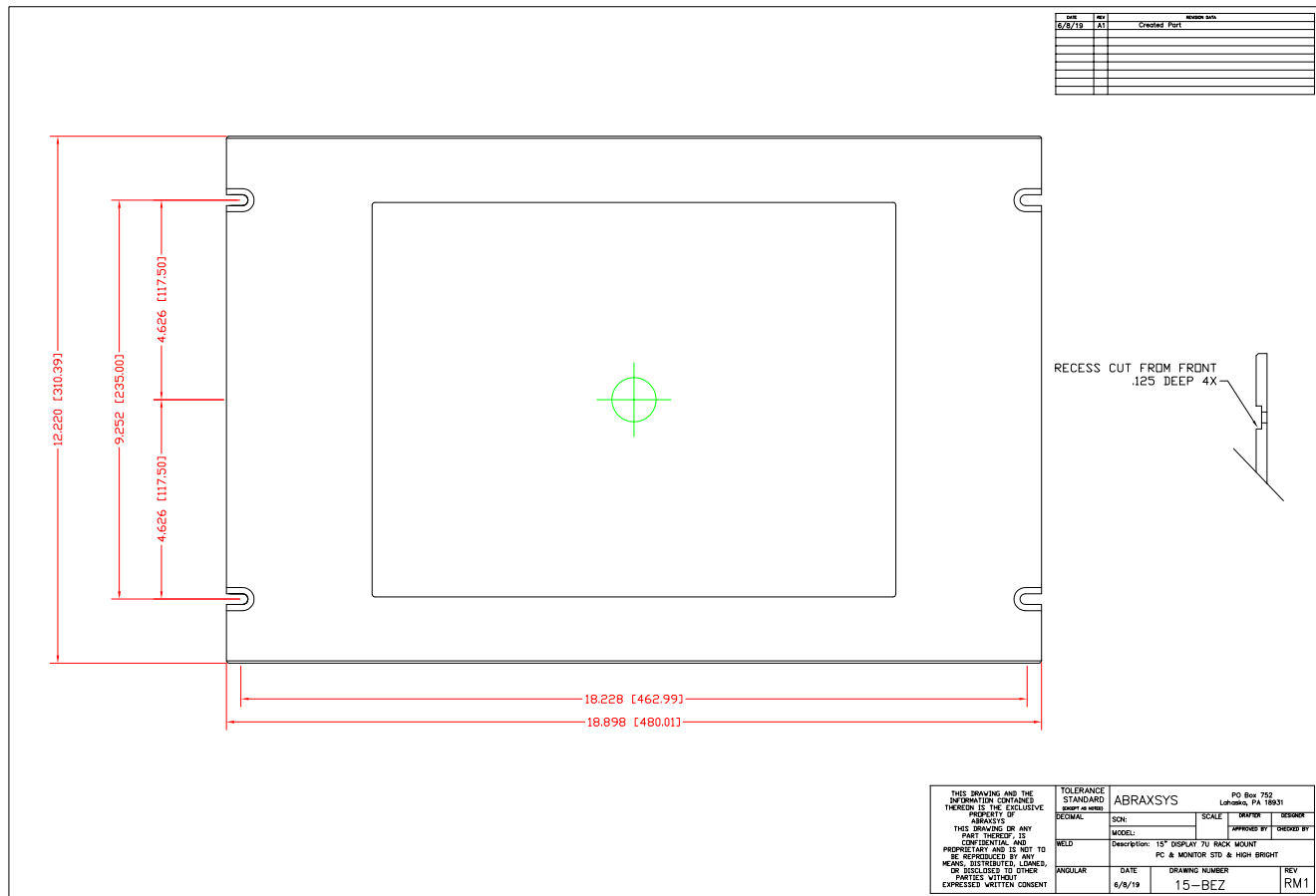Composite, S-Video, HD-SDI,
4-Composite/NTSC-PAL, HDMI

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

**Extended Operational
Temperature Ranges**

Custom Video Modes

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

Mechanical Drawings

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

AbraxSys
RUGGED LCD SOLUTIONS

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