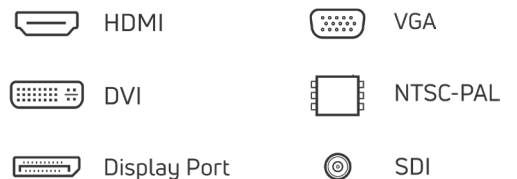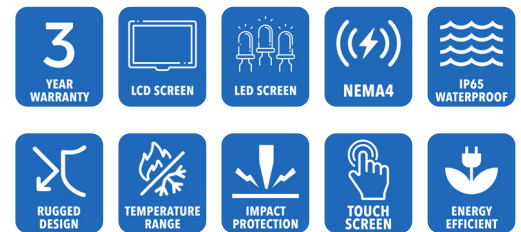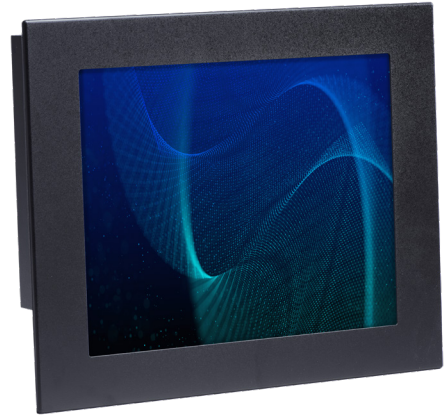# 17" NEMA 4 (IP65) Industrial Grade LCD Display

Model PM-170

Model PM-170 is a high-quality industrial LCD system offering NEMA 4 (IP65) level protection at the front bezel. The product boasts a 17" display size with 1280 x 1024 pixels, 350 NITS brightness, long-life LED backlighting, and 1000:1 contrast ratio. The unit is constructed with a black powder-coated gasket-sealed front bezel with "bolt" mounting.

This rugged model offers exceptional shock and vibration safeguards and its front bezel and rear housing are constructed of high grade metal 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 many real-world harsh industrial environments. Many optional configurations available, including our Sun Readable SRD models.

3 YEAR WARRANTY	LCD SCREEN	LED SCREEN	NEMA4	IP65 WATERPROOF
RUGGED DESIGN	TEMPERATURE RANGE	IMPACT PROTECTION	TOUCH SCREEN	ENERGY EFFICIENT

- HDMI
- DVI
- Display Port
- VGA
- NTSC-PAL
- SDI

Technical Specifications

General

Model:
SRD-PM-170

Display Size
17.0"

Display Type
Long-Life Industrial Grade Active Matrix TFT LCD

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

Brightness
350 nits (cd/m2)

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

Contrast Ratio
1000:1

Aspect Ratio
5:4

Resolution
1280 x 1024 (SXGA) Native

Colors Supported
16.7M (8-bit/color)

Viewing Angles
-85° to 85° Horizontal
-80° / 80° Vertical

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

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

Optical Bonding
Optical Bonding

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; 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
10-32 Stainless Mounting Studs, 1/2" Exposed Thread

Overall Dimensions
15.88 x 13.34 x 2.08 in
(403.4 x 338.8 x 52.8 mm)

Cutout
13.56 x 16.56 in
(344.4 x 420.6 mm)

Weight
18 lbs. (8.1 Kg)

Sealability
Gasket-Sealed

Sunlight Readability
Sunlight Readable Model Available

Warranty Period
3 Years

Environmental

Sunlight Readability
The latest optical technology
for high ambient light conditions

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

Resistive

Multi-Touch Up to 10-Point PCAP

**Hardened Armored Touch
Technology**

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

Custom Video Modes

**Extended Operational
Temperature Ranges**
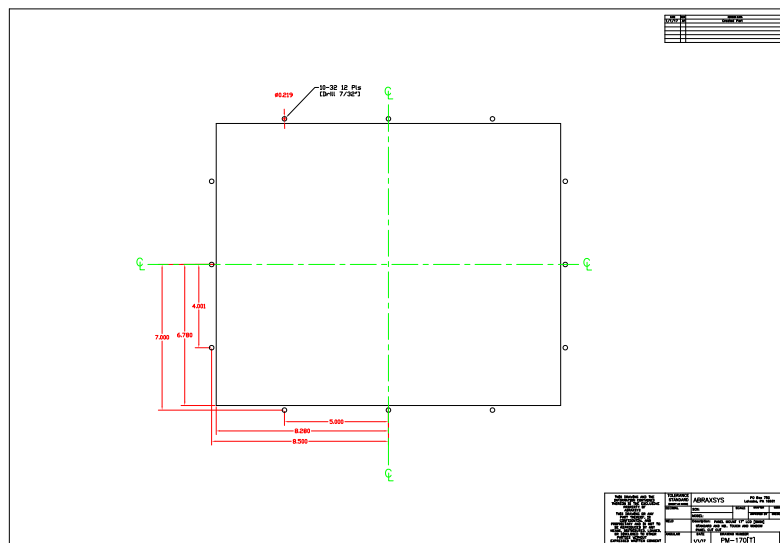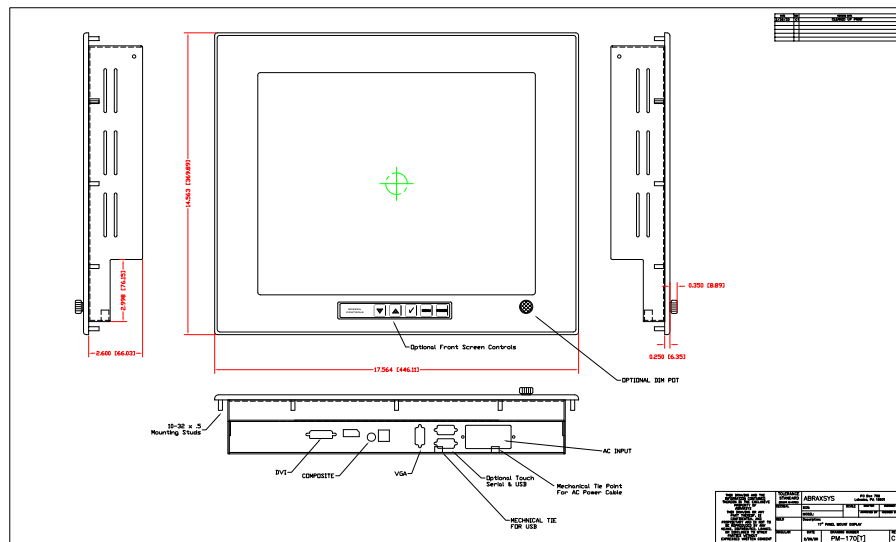
**Conformal Coating of all
Internal Circuit Boards**

Private Labeling Services

Customization Services

**NEMA 4X (IP66) Stainless
Steel Front Bezel**

**Sunlight Readable Model
Available**

Mechanical Drawings

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

AbraxSys
RUGGED LCD SOLUTIONS

(800) 883-9050

info@abraxsyscorp.com

www.abraxsyscorp.com

6161 Keller's Church Road, Units 6151B, 6161A, 6161B, 6171A & 6171B
Pipersville, Pennsylvania 18947 U.S.A.