



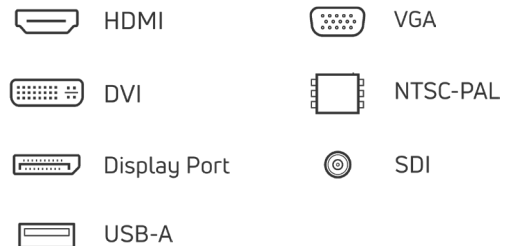
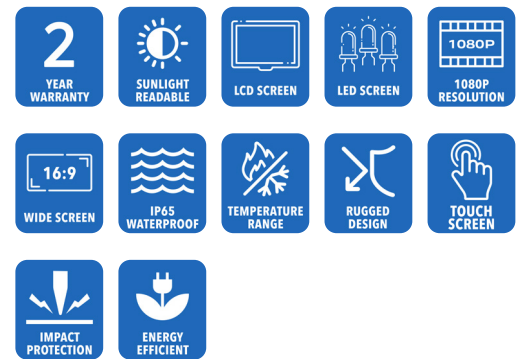
AbraxSys
RUGGED LCD SOLUTIONS

18.5" Ultra-Rugged Sunlight Readable NEMA 4 (IP65) Rugged Wide Format 1080P Panel Mount LCD Monitor for Pelican Case type Installations

Model SRD-VR-185

Model SRD-VR-185 LCD monitor is a true daylight readable high brightness NEMA 4 (IP65) rated product and utilizes the latest 18.5" 1920 x 1080 resolution 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 industrial grade Sunlight Readable NEMA 4 IP65 LCD TFT monitor is designed for use throughout a wide range of harsh outdoor applications. These rugged daytime viewable 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-VR-185

Display Size
18.5"

Display Type
Long-Life Industrial Grade LCD

Backlight Technology
Solid State, Long-Life LED –
[CLICK HERE](#) for more information

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
1500 nits (cd/m2)

Dimming Capabilities
Front Sealed Manual Full-Range
Dimming Turn Potentiometer

Contrast Ratio
1000:1

Aspect Ratio
16:9

Resolution
1920 x 1080 (1080p)

Colors Supported
16.7M (8-bit/color)

Viewing Angles
-88° to 88° Horizontal
-88° to 88° Vertical

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

User Controls
Multi-Touch Up to 10-Point PCAP
or 5-wire Resistive or Hardened
Armored 5-wire Resistive

Optical Bonding
Standard Feature: Optical
Bonding of PCAP Touch Screen
Window to the Face of the LCD

Protective Window

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

Overall Dimensions
Width = 18.375 inches
(466.725mm) Height = 13.875
inches (352.425mm) Depth behind
bezel = Approximately 1 inch
(25.40mm)

Weight
6 lbs (2.72 Kg)

Sealability
NEMA 4 (IP65)

Sunlight Readability
Sunlight Readable Model Available

Warranty Period
2 Years

Environmental

Sunlight Readability
Sunlight Readable Model Available

Operating Temperature Range
-20°C to 70°C (-4°F to 158°F)

Storage Temperature
-20°C to 70°C (-4°F to 158°F)

Humidity

5% to 95% RH (non-condensing)

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 4 / IP65

Additional Add-On Options

Touch Screen Technology**Multi-Touch Up to 10-Point PCAP****Power Type Choices**

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

Video Input Options

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

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

Custom Boot-up
Splash Screen

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.