

## 18.5" Ultra-Rugged Sunlight Readable IP65 Wide Format (16:9) 1080P LCD for Pelican Case type Installations

**Model A810x-185-1550**

### 18.5" Sunlight Readable LCD 1550 Protector Case

(Available in various colored cases)

**MODEL A8104-185-1550**



ALSO AVAILABLE WITHOUT THE CASE (FOR INTEGRATION INTO YOUR OWN CASE)

#### With Bezel and Front Cable Exit

**MODEL A8100-185**



#### With No Bezel

**MODEL A8102-185**



#### With Bezel & Panel Frame

**MODEL A8103-185**



## The AbraxSys Difference:

- True Industrial Grade LCD Panel
- Long-Life Advanced LED Backlighting, over 100,000 Hours Half-Life
- 1500 nits (cd/m2) Brightness
- Wide Operational Temperature Range -20°C to 70°C (-4°F to 158°F)
- Wide Color Gamut
- High Environmental Performance and Reliability
- Full High-Definition 1920x1080 (1080P) Resolution
- Multitude of Computer & Video Inputs Combinations Available: HDMI, VGA, DVI, DisplayPort, Composite BNC, SDI, etc.
- Multi-Touch Screen Technologies Available
- T6 temper 6061 high-quality, heat treated aluminum alloy
- Exceptional Contrast for Improved Sunlight Readability
- 3-Year Warranty
- Engineered and Produced in the USA

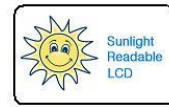
### Looking to integrate a rugged Sunlight Readable LCD into a luggable max-carry on size Pelican style case without cutting into the lid?

The challenge most have is the need to be able to leave the screen in the case while closed and ported in any orientation without the screen coming loose, allowing for reliable stationary positioning during use, while at the same time keeping it removable for repair/replacement.

With the robust design and state-of-the-art features of these industrial-grade LCD monitors, it meets the demands of today's harsh environment applications including ROV/Drones, First Responders, Military, Field Analysis, Offshore, Robotics, etc. While these display monitor/cases offer excellent mobility, we ensure that it can withstand the demanding conditions commonly encountered in these applications.

Look no further! AbraxSys has a solution for you! Multiple size LCD options, I/O configurations, and mounting possibilities.

18.5"	With Bezel Front Cable Exit	A8100-185
18.5"	With Bezel Rear Cable Exit	A8101-185
18.5"	Assembled LCD but with No Bezel	A8102-185
18.5"	With Bezel Front Cable Exit and Panel Frame	A8103-185
18.5"	With Bezel Front Cable Exit and Panel Frame Integrated into Case	A8104-185



## PRODUCT SPECIFICATIONS

Display Size	18.5"
Display Type	Long-Life Industrial Grade LCD

Panel Technology	IPS (In-Plane Switching technology) panel, for more information click <a href="#">HERE</a>
Backlight Technology	Solid State, Long-Life LED - <a href="#">CLICK HERE</a> 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. <a href="#">CLICK HERE</a> for more information.
Brightness	1500 nits (cd/m2)
Backlight Technology	Solid State, Long-Life LED - <a href="#">CLICK HERE</a> for more information
Backlight	Long-Life LED
Contrast Ratio	1000:1
Aspect Ratio	16:9
Resolution (Max)	1920 x 1080 (1080p) – True Full High-Definition
Colors Supported	16.7 million, True 8-bit
Viewing Angles – Ultra-Wide Cone	88° up 88° down, 88° left 88° right
<a href="#">Video Input Options</a>	HDMI (standard), or DVI, HD15 (VGA), DisplayPort, Composite, SDI
Dimming Controls	Front Sealed Manual Full-Range Dimming Turn Potentiometer
Touch Screen	10-Point Multi-Touch Projected Capacitive Touch Window (PCAP) or Protective Window
Optical Bonding	Standard Feature: Optical Bonding of PCAP Touch Screen Window to the Face of the LCD (for more information about its benefits click <a href="#">HERE</a> )
Power Types	Choices: 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC or 90 VAC to 264 VAC

## PHYSICAL ATTRIBUTES

Front Bezel	High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595
LCD Mounting	IP65 at LCD front bezel
Harsh-Duty Protection	Extreme Anti-Shock and Anti-Vibration Design
Warranty Period	3 Years

## ENVIRONMENTAL

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)

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.
Humidity	5% to 95% RH (non-condensing)
Altitude	Operating 0 to 10,000 ft. / Storage 0 to 40,000 ft.
EMI	FCC Class B pursuant to Part 15 of the FCC Rules
Agency	CE
RoHS Compliant	Yes
Rating	NEMA 4 - IP65

#### AVAILABLE ADD-ON OPTIONS

<a href="#">Video Input Options</a> : DVI, HD15 (VGA), DisplayPort, Composite, S-Video, HDMI
<a href="#">Custom Video Modes</a>
<a href="#">Extended Operational Temperature Ranges</a>
Power Type Choices: 90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC
Custom Boot-Up Splash Screen with YOUR Logo
<a href="#">Private Labeling Services</a>
<a href="#">Customization Services</a>
Lid Piston



Toll-Free (800) 883-9050 | [info@abraxsyscorp.com](mailto:info@abraxsyscorp.com) | <https://www.abraxsyscorp.com>