



AbraxSys
RUGGED LCD SOLUTIONS

18.5" Sunlight Readable LCD 1560 Protector Case

Model A8104-185-1560

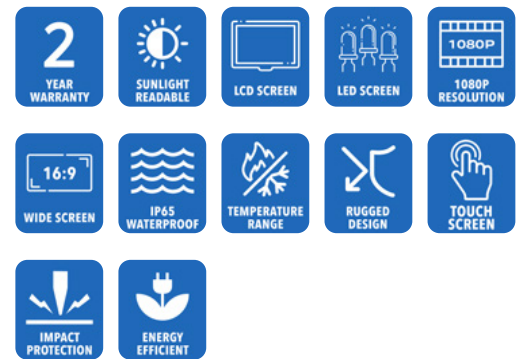
18.5" Rugged Sunlight Readable LCD Integrated into a Pelican 1560 Protector Case

Sensitive equipment needs protection, and the Pelican™ Protector Case offers unparalleled stability. These cases are designed rugged, and travel the harshest environments on earth. Against the extreme cold of the arctic or the heat of battle, Pelican cases have survived.

Made in the USA, these tough cases are designed with an automatic purge valve, that equalizes air pressure, a watertight silicone O-ring lid, over-molded rubber handles and stainless steel hardware. Equipped with retractable extension trolley handle, strong polyurethane wheels with stainless steel bearings, automatic pressure equalization valve – balances interior pressure, keeps water out, and easy open double-throw latches.

With a robust design and state-of-the-art features, these ruggedized LCD monitors 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.

Multiple size LCD options, I/O configurations, and mounting possibilities.



Technical Specifications

General

Model: A8104-185-1560	Brightness 1500 nits (cd/m2)	Video Inputs DVI, HD15 (VGA), HDMI, DisplayPort, SDI, Compositel
Display Size 18.5"	Dimming Capabilities Front Sealed Manual Full-Range Dimming Turn Potentiometer	User Controls Optional Front User Membrane Keypad
Display Type Long-Life Industrial Grade LCD	Contrast Ratio 1500:1	Optical Bonding Standard Feature: Optical Bonding of PCAP Touch Screen Window to the Face of the LCD (for more information about its benefits CLICK HERE)
Backlight Technology Solid State, Long-Life LED – CLICK HERE for more information	Aspect Ratio 16:9	Protective Window 10-Point Multi-Touch Projected Capacitive Touch Window (PCAP) or Protective Window
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.	Resolution 1920 x 1080 (1080p) – True High-Definition	Power Types 90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC
	Colors Supported 16.7M (8-bit/color)	
	Viewing Angles -88° to 88° Horizontal -88° to 88° Vertical	

Physical Attributes

Front Bezel High Grade 6061T Aluminum, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595	Panel Mounting IP65 at LCD front bezel	Sealability Extreme Anti-Shock and Anti-Vibration Design
	Overall Dimensions 22.07 x 17.92 x 10.42 in (56.1 x 45.5 x 26.5 cm)	Sunlight Readability Sunlight Readable Model Available
	Weight Configuration Dependent	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)
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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)

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**

Or can be fitted with an Optical Grade Protective Impact Window

Various Color Cases Available:

Black (standard), Orange, Desert Tan, Yellow, OD Green

Customization Services**Private Labeling Services**

**Custom Boot-up
Splash Screen**

Custom Video Modes

**Conformal Coating of all
Internal Circuit Boards**

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

**Extended Operational
Temperature Ranges**

Mechanical Drawings

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



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