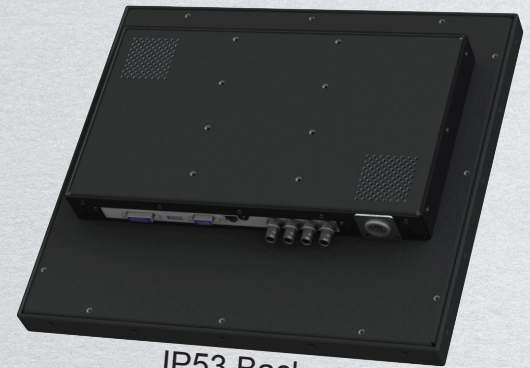


SEA-MIL-U Series

Military Monitor Universal Mount: 15", 17", 17W", 20"



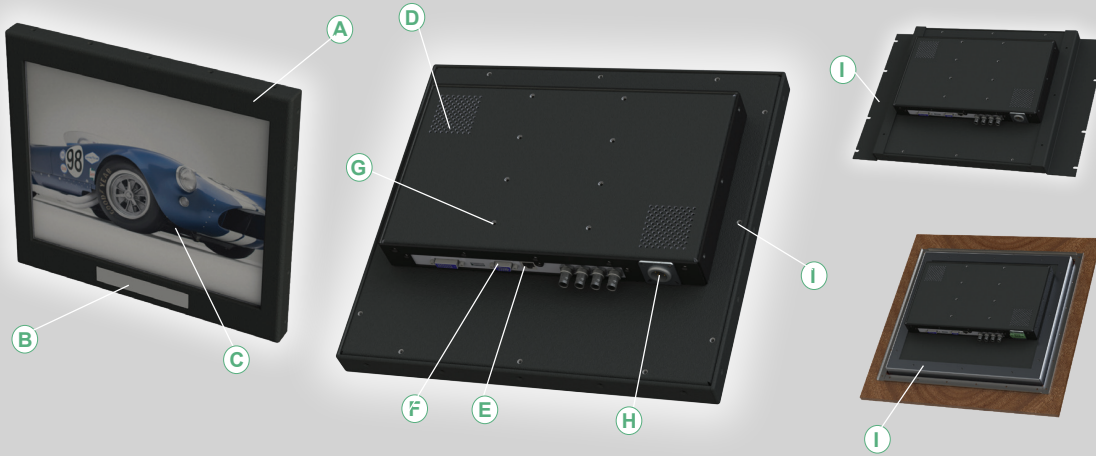
Our Vision is Your Vision



SEA-MIL-U Series Military Monitor

Our Military Monitor was designed from the ground up to meet the rugged environmental requirements. It can be built with an IP67 Front Face with IP53 Back for general rugged use or full IP67 for sealed applications. It comes standard with an Optically Bonded Lens. It has optional High Bright Backlit LCD Monitor, ITO, PCAP touch, Heated Lens, and NVIS Backlight system. It was design to meet many MIL Spec standards off the shelf but if you have a specific standard you need met, we can customize it to any level. It is Built from 5052H32 and 6061T6 Aluminum that is Laser Cut and Milled to a precise standards. The internal Components are Conformally Coated and each connection is protected with dielectric grease to prevent corrosion. Its Universal Mount system includes VESA, RACK, Panel Mount and Flush Mounting options. Exacting Precision has gone into every design feature of this unit to make it one of the best monitors in the industry, and worthy of becoming a true Military Monitor.

MOUNTING FEATURES



- A** Welded & Milled Aluminum Housing
- B** Water Tight OSD Menu Membrane Switches
- C** Optically Bonded and High Bright LCD Screen
*Optional Lens Enhancements Available
- D** Forced Air Cooling
*IP65 Cover Shrouds Not Shown
**IP67 Optional Sealed Back Available
- E** Conformally Coated Electronics
* Multiple Coating Options to Choose From
- F** Multiple Controller Cards to Choose From Giving Flexibility to your I/O Needs.
- G** 2 Sets of VESA Hole Positions
- H** Power Inlet Plate Design:
* Gives You Multiple Power Inlet Options
- I** Flex Mount Hole Pattern:
* Fits Direct Panel Mount,
** Rack Mount Ears
*** Flush Mount Cradle

VIDEO CONTROLLERS

- V25x Embedded A/D Controller (Production)
Max Resolution: 1920 x 1200
Input Options Available: VGA, HDMI, DVI or DP
- V23xM Full Size Military Grade Controller
Max Resolution: 1920 x 1200
Input Options Available: VGA, DVI, HDMI, YPbPr, 3G SDI
Special Features Include: Dual Digital PIP
- V37xM Controller
Max Resolution: 1920 x 1200
Input Options Available: VGA, HDMI, DVI, Display Port, SDI, CVS, and YPbPr (3 Max for Mil-Spec Connectors)
Military Grade
Conformal Coated
Designed to meet Shock and Vibration Requirements

ORDERING INFORMATION

Series	Display Size	Controller
SEA-MIL-U	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">15</div> 15 = 15" 17 = 17" 17W = 17" Wide 19 = 19" 20 = 20.1"	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">V25x</div> V25x V23xM V37xM



LCD DISPLAY

FEATURES

- RUGGED ALL ALUMINUM CONSTRUCTION
- HIGH BRIGHT DAYLIGHT VIEWABLE
- OPTICAL BONDED COVER GLASS
- IPXX DESIGN OPTIONS
- UNIVERSAL MOUNT DESIGN TECHNOLOGY

OPTIONS

- MULTIPLE LENS ENHANCEMENT AVAILABLE INCLUDING: ITO LENS, HEATED GLASS, PCAP TOUCH, NVIS BACKLIGHT
- OPTIONAL FLEX MOUNT LITS AVAILABLE
- CHOICE OF CONFORMAL COATING TECHNIQUES

LCD MODULES

15 XGA1040x768 (Max Res)

- 15" LED BACKLIT LCD
- VIEWING ANGLES: 70/70/60/60
- CONTRAST RATIO: 700:1
- BRIGHTNESS: 500 NITS (1500+ NITS M2/M3)
- RESPONSE TIME: 16MS
- SURFACE FINISH: AR COATED 3MM OPTICALLY BONDED LENS
- COLOR: 6 BIT PLUS
- OPTICAL BONDING
- TO EMI LENS ENHANCEMENT
- NVIS NIGHT VISION MODE (M3)
-

17 SXGA 1280x1024 (Max Res)

- 17" LED BACKLIT LCD
- VIEWING ANGLES: 80/80/60/80
- CONTRAST RATIO: 800:1
- BRIGHTNESS: 350 NITS (1000+ NITS M2/M3)
- RESPONSE TIME 15MS
- SURFACE FINISH: 3MM AR COATED OPTICAL BOND LENS
- COLOR: 8 BIT
- TYPE: TN
- OPTICAL BONDING
- TO EMI LENS ENHANCEMENT
- NVIS NIGHT VISION MODE (M3)

17W FHD 1920x1080 (Max Res)

- 17.3" WIDE LED BACKLIT LCD
- VIEWING ANGLES: 60L/60R/50U/50D
- CONTRAST RATIO: 500:1
- BRIGHTNESS: 800+ NITS
- RESPONSE TIME: 8MS
- SURFACE FINISH: AR COATED OPTICALLY BONDED LENS
- COLOR: 6 BIT + FRC
- TYPE: TN
- OPTICAL BONDING
- ITO EMI LENS ENHANCEMENT
- NVIS NIGHT VISION MODE (M3)

19 SXGA 1280x1040 (Max Res)

- 19" LED BACKLIT LCD
- VIEWING ANGLES: 85/85/80/80
- CONTRAST RATIO: 1000:1
- HIGH BRIGHT: 700 NITS (1600+ NITS M2/M3)
- RESPONSE TIME 10 MS
- SURFACE FINISH: 3MM AR COATED OPTICAL BOND LENS
- COLOR: 8 BIT
- TYPE: TN
- OPTICAL BONDING
- ITO EMI LENS ENHANCEMENT
- NVIS NIGHT VISION MODE (M3)

20 XGA 1024x768 (Max Res)

- 20.1" LED BACKLIT LCD
- VIEWING ANGLES: 85/85/85/85
- CONTRAST RATIO: 1400:1
- BRIGHTNESS: 260 NITS (900+ NITS M2/M3)
- RESPONSE TIME: 15MS
- SURFACE FINISH: AR COATED 3MM OPTICALLY BONDED LENS
- COLOR: 6 BIT PLUS
- OPTICAL BONDING
- ITO EMI LENS ENHANCEMENT
- VIS NIGHT VISION MODE (M3)

SPECIFICATIONS

- Power Consumption: ~25 to ~50 Watts

