

SABER STANDALONE™ 21.3 E-2D

Military- & Avionic-grade LCD Monitor with Panel Mount Adaptor in Compliance with Navy Requirements

The military-spec Saber Standalone 21.3 E-2D is built to be in compliance with Navy requirements for use in E-2D Hawkeye aircraft.

As an advanced avionic monitor, it is equipped with multiple optional specialized features, such as an optically bonded LCD with EMI mesh and heater, panel mount adaptor, military-grade connectors, On/Off toggle switch with finger guard, and more.

The qualified unit includes a built-in 3-phase power supply, strut and certified fasteners.

This purpose-built and cost-effective rugged enclosure is ready for duty.



Avionic-grade Saber Standalone 21.3 E-2D includes an optional panel mount bezel for use in Navy E-2D Hawkeye aircraft

FEATURES

- » High resolution (2560 x 2048) 21.3" LCD
- » Micromesh EMI shield to minimize electrical interference
- » LCD heater to prevent video from "freezing"
- » Optically-bonded and antireflective overlay
- » Toggle power switch with finger guard
- » +24 Vdc power supply
- » Designed to be in compliance with MIL-DTL-901E, MIL-STD-810F, MIL-STD-461E/F, MIL-STD-167B, more
- » Ruggedized aluminum standalone enclosure with panel mount adaptor and Arconic™ captive hardware
- » Gray Iridite® finish per FED-STD-595A
- » Mil-spec connectors

OPTIONS

PART NUMBER	CONFIGURATION
90-2213-001	Prototype
90-2213-002	With 110V AC input
90-2213-003	Fully qualified flight worthy
90-2213-004	Trainer unit

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SPECIFICATIONS

Display Size	21.3"
Viewing Area (W x H)	16.63" x 13.30"
Resolution	2560 x 2048
Number of Colors	10.7 billion (10-bit)
Luminance	500 nits (maximum luminance can be configured up to 800 nits)
Contrast	1300:1
Response Time	25 ms
Viewing Angle (Horizontal/Vertical)	±88°/±88°
Temperature, Operating / Storage	-20° to 55°C / -40° to 85°C
Glass	Optically-bonded, Antireflective, Micromesh 2 EMI Shielded, Heater
Video Input	ARGB, DVI-D
Other	Toggle Power Switch with Finger Guard, Federal Standard Gray Paint 595A, Military-grade Connectors for Power and Video

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