



Sentinel Series

Rugged Flat Panel Monitors Designed for Military Applications

Features

- 15", 19" TFT color displays
- Numerous video signals
- Picture-in-Picture video
- Military certifications
- NEMA 4X on front surface

The Sentinel Series, anti-reflective and anti-glare coated 15" and 19" rugged flat panel monitors, support the following video signals: VGA, SOG, NTSC, RS170, PAL, S-video, and DVI. All units allow picture-in-picture video (PAL/NTSC) display overlay on a PC background with multiple window size options.

Mechanical design and environmental advancements exceed the most demanding military and industrial specifications. Able to withstand and operate in harsh environments, the Sentinel Series monitors have been designed, tested and certified to stringent military standards for shock, vibration, EMI, and environmental.

Sentinel Series Rugged, Military Flat Panel Monitor

Specifications

Dimensions (WxHxD)

- 15" 15.92" x 12.92" x 3.41"
404.4 mm x 328.2 mm x 86.6 mm
- 19" 18.84" x 15.92" x 4.51"
478.5 mm x 404.4 mm x 114.5 mm

Display

- 15" 1024x768 color AMTFT LCD
- 19" 1280x1024 color AMTFT LCD

Video signals

- VGA, SOG, and DVI-D; NTSC; RS170

Enhancements

- Anti-glare / anti-reflective coating

Mounting

- Panel
- Rack (customization may be necessary on 19" for rack mount configuration)

OSD Controls

- Controlled by membrane keypad on rear of unit

Environmental

- NEMA 4X on front surface

Weight

- 15" 13 lbs
- 19" 20 lbs

Mechanical

- Front: Black powder coated aluminum
- Rear: Yellow chromate aluminum

Power

- 18-36 VDC ground isolated; 90-264 VAC

MTTR

- Field replaceable power supply

Temperature

- 15" Operating 0° to +50° C
- 19" Operating 0° to +50° C
- Storage -25° to +60° C

Compliance

Shock

- MIL-S-901D, Grade A

Vibration

- MIL-STD-167-1

Humidity

- MIL-STD-801E

EMI

- MID-STD-461E

Options

Touchscreen

- Resistive

Mechanical

- Front: stainless steel
- Rear: stainless steel

About Computer Dynamics

Computer Dynamics (A GE Fanuc Intelligent Platforms Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. The company is headquartered in the U.S. and is a part of GE Fanuc Intelligent Platforms Embedded Systems. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.cdynamics.com.

Computer Dynamics Information Centers

Americas:
1 864 627 8800

Asia Pacific:
+81 3 5544 3973

EMEA:
Germany: +49 821 5034-0
UK: + 44 1327 359444

Additional Resources

For more information, please visit the Computer Dynamics web site at:

www.cdynamics.com

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