



19" SXGA VESA Mount Marine Monitor



A high resolution marine quality monitor that offers flexible mounting combinations such as 100mm VESA standard fixings at the rear, and a separate mounting bracket for control desk or overhead positioning. The TFT Monitor is manufactured in full compliance with IACS E10. The flat panel is designed with ECDIS and Radar in mind and to specifically meet the stringent demands of shock, vibration, EMC and EMI defined in the IEC 60945 International Standard for Maritime Navigation and Radio Communications Equipment & Systems. The monitor offers continuity by design for all navigation and ship automation applications.

FEATURES

- ◆ Advanced Deep Dimming 2000:1
- ◆ Compliant to IEC 60945
- ◆ Contrast Enhancing AR Safety Glass
- ◆ ECDIS & Radar Compliant
- ◆ Video Buffer & Remote Control
- ◆ -15 to 55C operating temperature
- ◆ VGA to SXGA + PAL/NTSC/SECAM

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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SPECIFICATIONS

Display Size

19 Inch

Panel Type

TFT Active

Dot Pitch

.27mm

Pixel Format

640 x 480, 800x600, 1024x768,
1280x1024*

Active Display Area

11.85"(w) x 14.80"(h)
301mm (w) x 376mm (H)

Viewing Angle

Left / Right: 85°
Up / Down: 85°

Contrast Ratio

500:1 typical

Brightness

250 cd/m2 typical for TFT panel

Brightness Uniformity

20% max

Backlight

50,000 hours typical

Colors Depth

8 bits per color (16 million colors)

Scan

Horizontal: 31-106 KHz

Vertical: 60-85Hz

Clock Rate

135 MHz max

Connectors

IEC Mains Inlet - 3 pin IEC Male, RGB video input - 15 way 'D' socket, RGB video output - 15 way 'D' plug, Composite video input - Phono (RCA 3mm) socket, S-Video input - S-Video socket, RS232 input - 9 way 'D' plug, Audio stereo input - 2 x RCA phono sockets

Fuse Rating

2.5A (ceramic High Rupture) AC

Signal Source

RGB + V & H syncs (interlaced & non-interlaced), PAL/NTSC, S-Video (Y/C)

Power Source

90-265VAC (Automatic Detect)

Power Consumption

65W max

Temperature

Operating: -15 to 55°C

Storage: -20 to 60°C

Humidity

Operating: 30 to 90% NC

Storage: 10 to 90% NC

For long term reliability, we do not recommend routine operation at extreme temperature and humidity levels

Response Time

13ms typical

Dimensions

17.80"(w) x 15.63"(h)

452 (w) x 397mm (h) x 84mm (d)

Construction

Aluminium Housing. Toughened safety glass with contrast enhancing optical coatings

Ingress Protection

IP65 (front aspect) & IP23 (rear aspect)

Mounting

VESA format, 100mm pitch, x4 hole fixings

Approximate Shipping Dimensions and Weight

26" x 21" x 9" (WxLxH) / 23lbs.

APPROVALS

- ECDIS & Radar Compliance - IEC 61174 via BSH, Germany
- EMC & Safety - EN 50081-1 (Emissions), EN 50082-2 (Immunity), EN 60950 (Safety)
- Marine Communications - IEC 60945: 4th Edition