



19" SXGA Multi-Scan 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.

SPECIFICATIONS

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

- Display Size**
19 Inch
- Panel Type**
TFT Active
- Resolution Capabilities**
SXGA*
- Pixel Format**
640 x 480, 800 x 600, 1024 x 768, 1280 x 1024*
- Dot Pitch**
.294mm
- Active Display Area**
14.82"(w) x 11.85"(h)
376.3mm(w) x 301.1mm(h)
- Viewing Angle**
Left / Right: 85°
Up / Down: 85°
- Contrast Ratio**
500:1
- Brightness**
250 cd/m² typical
- Backlight**
50,000 hours typical
- Colors Supported**
16.7 million (graphic card dependant)
- Scan**
Horizontal: 15-84 KHz
Vertical: 37-100Hz
- MultiScan**
Low Scan Rates: 15-30 KHz
- Connectors**
RGB Signal - 9-pin female D-Type (CGA & EGA), 15-pin HD Female (D-Type) (VESA), x5 BNC with 'Loop-Through' Facility; **Video Signal** - BNC (UNP version only); **Power AC Version** -3-pin IEC male; **Power DC Version** - 3-pin circular

- Video Input**
Analog RGB 0.7-1.0V p-p, 75 ohm, PAL/NTSC
- Sync**
Separate H/V (+/-ve) TTL or Composite (-ve) TTL or SOG (-ve) 0.3V
- Power Source**
90-265V AC 50/60 Hz or 15-30V DC Internal
- Power Consumption**
60W max
- Temperature**
Operating: -15 to 55°C
Storage: -20 to 60°C
- Humidity**
Operating: 30 to 05%NC
Storage: 10 to 90%NC
- Shock**
10g, 11msec 1/2 sine
- Vibration**
+/-1mm, 2 to 13Hz:0.7g, 13 to 100 Hz
- Response Time**
15 ms average, typical
- Housing**
Aluminum; Toughened, optically coated and contrast enhancing safety glass; Transmission 90% min; Front Chassis IP65, Rear Chassis IP23
- Monitor Dimensions**
16.98"(w) x 14.83"(h) x 4.25"(d)
431.2mm(w) x 376.6mm(h) x 107.9mm
- Weight (approx)**
24.25lbs. / 11kg
- Approximate Shipping Dimensions and Weight**
26" x 21" x 9" (WxLxH) / 23lbs.

*Supports all VESA standard video formats

CONTACT

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OPTIONS

- Touch Screen - 9-pin female D-Type

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

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