

**23.1" NEMA 4 VESA Mount Marine Monitor**

This very rugged Industrial Grade 23.1" VESA mount flat panel display system offers a multitude of features including UXGA 1600 x 1200 resolution, Picture-In-Picture, NEMA 4 (IP65) seal at the front bezel, wide viewing angles, extended operational temperatures and a wide assortment of video input capabilities.

SPECIFICATIONS**FEATURES**

- ◆ Bright Active Matrix TFT Display
- ◆ UXGA Resolution
- ◆ NEMA 4 (IP65) protection at the front bezel
- ◆ VESA Mount
- ◆ Safety Glass
- ◆ PIP - Picture In Picture
- ◆ Optional Capacitive Touch

Marks of Conformity:

FCC47 CFR part 15, subpart B
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997
Canada: ICES-003
Australia/New Zealand: AS/NZS CISPR 22
CE
RoHS
WEEE



*Supports all VESA standard video formats

CONTACT**HEADQUARTERS**

11529 Sun Belt Ct.
Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

E-mail

sales@vartechsystems.com

Website

www.vartechsystems.com

Display Size

23.1 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to UXGA *

Pixel Format

640x480, 800x600, 1024x768,
1280 x 1024, 1600 x 1200*

Pixel Pitch

.294mm

Active Display Area

18.5" (w) x 13.9 " (h)
470.4mm x 352.8mm

Viewing Angle

Left / Right: 85°/85°
Up / Down: 85°/85°

Shock

10g, 11msec 1/2 sine

Vibration

±1mm, 2 to 13Hz, .7g, 13 to 100Hz

Contrast Ratio

600:1

Brightness

250 cd/m² typical

Backlight

50,000 hrs. typical

Colors Displayed

16.7 m

Composite Video Input

PAL, NTSC & SECAM with Picture in Picture (PIP) facility

Sync

Separate H&V (+/-ve) TTL or Composite TTL

Temperature

Operating: -15° to 55°C
Storage: -20° to 60°C

Humidity

Operating: 30 to 90%NC
Storage: 10 to 90%NC

Power Source

90-265V AC 50/60Hz: Internal

Power Consumption

100 Watts Max

Input Connectors

RGB Signal: 15-pin HD Female D Type
Video Signal: RCA + S-video socket
RS232 Remote Control: 9-pin Female D Type

Power: 3-pin IEC Male

Output Connectors

Video Buffer (Multi-Drop):

15-pin HD Male D Type

Optional Capacitive Touch Screen:

9-pin Female D Type

RS232 Remote Control

9-pin Male D Type

Ext. Power Relay:

3-pin IEC Female

User Controls

Front Panel - Power button, rotary brightness (ratio 2000:1) & Contrast, Power LED Indicator
OSD Functions behind cover on front panel

Dimension

23.01" (w) x 21.04" (h) x 3.84" D
584mm x 534mm x 97.5mm

Weight

35.28lbs / 16kg

Construction

Aluminum housing, toughened safety glass is optically coated and contrast enhancing with 90% minimum transmission

NEMA 4 (IP65) sealed front panel**Touch Screen**

Optional Capacitive

OPTIONS

- Capacitive Touch
- Special Glass Overlays: Bonded or Non-Bonded