



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.

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

UNITRONIX Pty Ltd

PO Box 486, Morisset NSW 2264

NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522

WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458

unitsyd@unitronix.com.au www.unitronix.com.au

SPECIFICATIONS

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 trans-
mission

NEMA 4 (IP65) sealed front panel

Touch Screen

Optional Capacitive

OPTIONS

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

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