

2310120096

## HD 24T21 STD Marine Display

24" Marine display IEC60945 approved LED Backlight Technology



- ✓ High Quality TFT with LED Backlight
- ✓ 24 inch viewable image size, Widescreen, Aspect Ratio 16:9
- ✓ TFT active-matrix liquid crystal panel, RGB vertical stripe
- ✓ MVA (Multi-domain Vertical Alignment) LCD Technology

### Description

HD 24T21 STD which is part of the "Series X Generation" displays offer the ultimate in performance, convenience, state of the art design and enduring quality for system integrators and boat builders. Series X G2 products offer a range of feature sets optimized for varying requirements and applications.

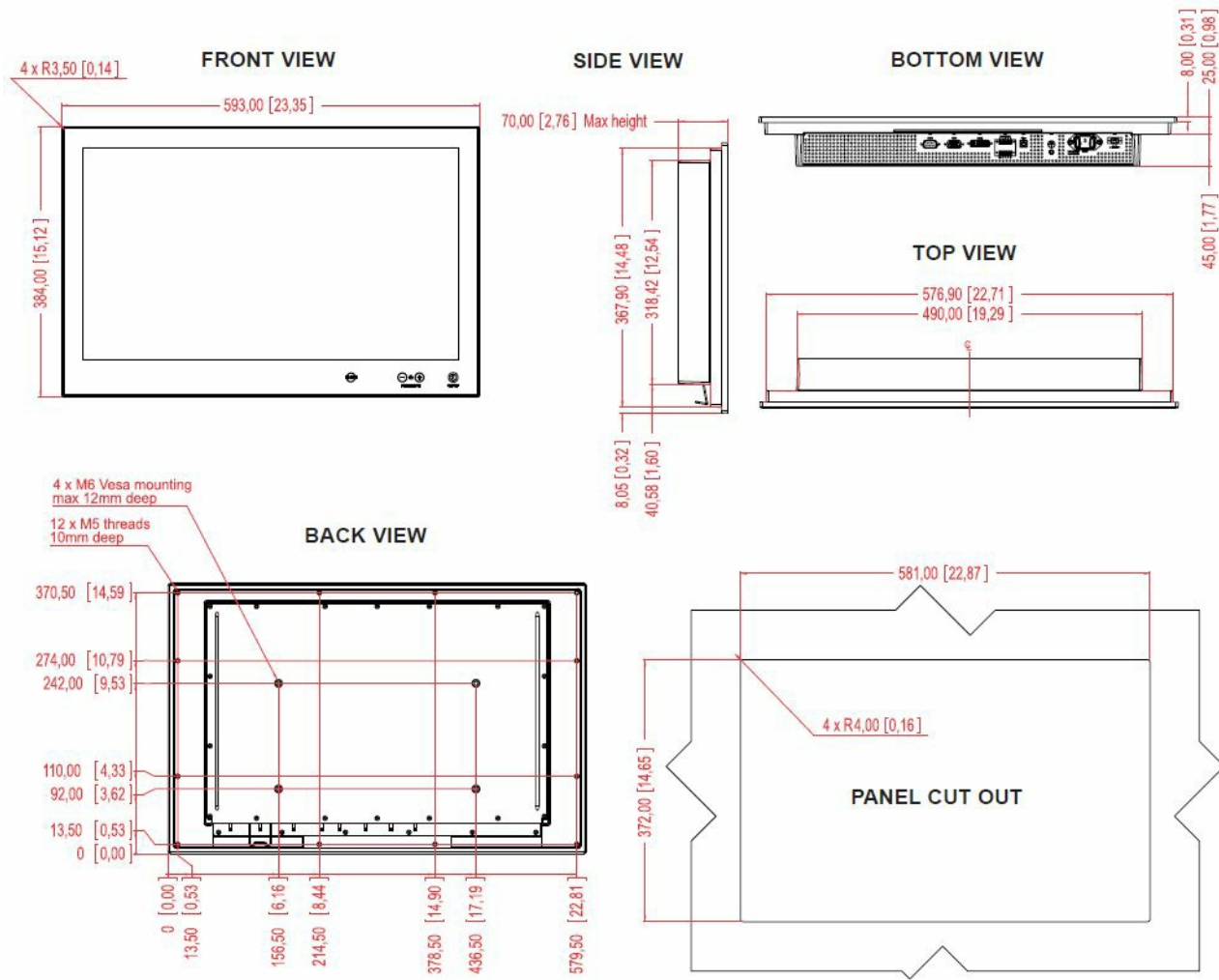
### Marine Display

The Series X display range is a flexible monitor solution designed and type approved for the professional maritime segment, where reliability and long life time are key prerequisites for the industry. The product range combines stunning design and technology with innovative features and options, making it all that the integrator needs for top class type-approved marine systems.

The entry level STD models provide a wide choice of display size and format for shipboard applications where simple data input (DVI & VGA) is required. Be it for ship navigation or automation, this range with all it's possible options provides a robust and cost effective platform from which to display and manage data.

Series X displays feature Glass Display Control, LED Backlight Technology, full dimming and multipower as standard, and can also accommodate and combine a number of options such as multi-touch screen and optical bonding.

### Technical Dimensions



# Specifications

## TFT TECHNOLOGY

- High Quality TFT with LED Backlight Technology
- 24.0 inch viewable image size, Widescreen, Aspect Ratio 16:9
- TFT active-matrix liquid crystal panel, RGB vertical stripe
- MVA (Multi-domain Vertical Alignment) LCD Technology

## TFT CHARACTERISTICS

- Native Resolution : 1920 x 1080 (FHD)
- Pixel Pitch (RGB) : 0.276 (H) x 0.276 (V) mm
- Response Time : 25 ms (typical), "black" to "white"
- Contrast Ratio : 3000:1 (typical)
- Light Intensity : 300 cd/m<sup>2</sup> (typical)
- Viewable Angle : +/- 89 deg. (typical) (Up/Down/Left/Right)
- Active Display Area : 531.36 (H) x 298.89 (V) mm
- Max Colors : 16.7 million

## SUPPORTED SIGNALS

### Resolutions:

VGA : 640 x 480 (including  
640 x 350)

SVGA : 800 x 600 (including  
720 x 400)

XGA : 1024 x 768

SXGA : 1280 x 1024

UXGA : 1600 x 1200

FHD : 1920 x 1080\*

WUXGA : 1920 x 1200

\* Recommended for optimal  
picture quality. Note: Other  
resolutions will be scaled full  
screen, unit has no scaling  
support.

## POWER SPECIFICATIONS

Multi-power Supply 115&230VAC - 50/60Hz + 24  
VDC - HD 24T21 STD-Mxx-  
Fxxx

Note: You may connect either  
AC power or DC power or  
both. In case both sources are  
connected, power will be  
sourced from the AC input. If  
AC input is lost, there will be a  
uninterrupted switch-over to  
DC input.

Power Consumption Operating AC/DC: 40W (typ) -  
125W (max)

## DIMENSIONS AND ENVIRONMENT

W:593.00 [23.35"] x H:384.00  
[15.12"] x D:70.00 [2.76"] mm  
[inch]

Weight: 10.1kg / 22.2lbs

Operating : Temperature -15  
deg. C to +55 deg. C -  
Humidity up to 95%

Storage : Temperature -20  
deg. C to +60 deg. C -  
Humidity up to 95%

Humidity : Up to 95%

IP Rating : Protection: IP66  
front – IP22 rear (EN60529)

4 x M6 VESA mounting  
280x150mm, Max 12mm deep

## SIGNAL TERMINALS:

DVI-D Signal IN : 1 x 24p DVI  
(female)

RGB Signal IN : 1 x 15p HD D-  
SUB (female)

SCOM RS-422/485 : 1 x 5-pin  
Terminal Block 3.81, non-  
isolated+Buzzer

SCOM RS-232 : 1 x 9p D-SUB  
(female) non-isolated+Buzzer

If Touchscreen : 1 x USB  
TYPE B Connector (female)

AC Power IN : 1 x Std IEC  
Inlet

DC Power IN : 1 x 2-pin  
Terminal Block 5.08

## Accessories



Table Mount for HD 24/26/27  
monitors

Monitor Desk Mount

Item Number: 2310111138