


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 accomodate and combine a number of options such as multi-touch screen and optical bonding.

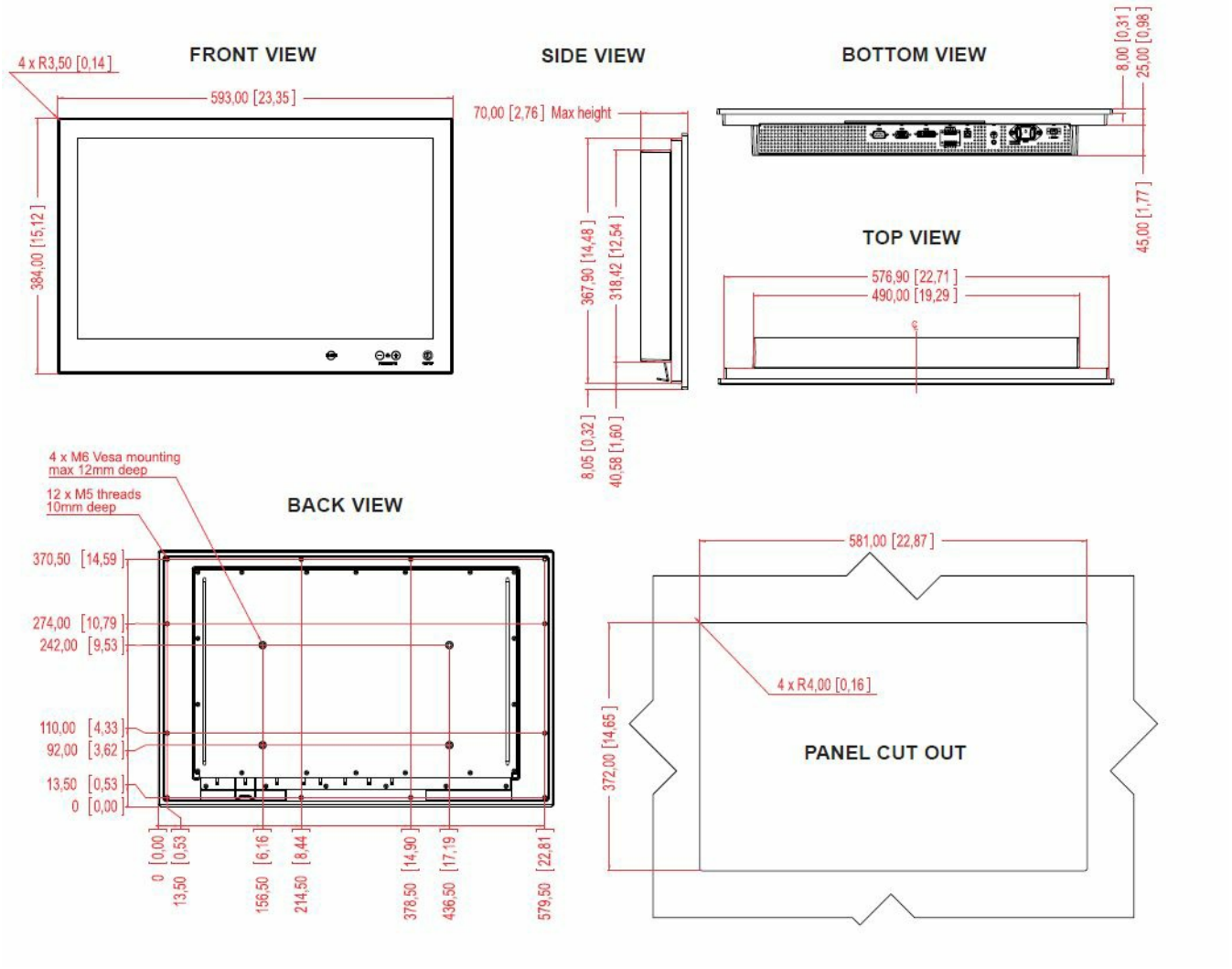
## Technical Dimensions



www.zenitel.com info@zenitel.com Last revision date: 2024-04-30 11:05

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company’s Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.








Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

# 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/m² (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





Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

## 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) |





Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

**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





Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.



## Table Mount for HD 24/26/27 monitors

Monitor Desk Mount

Item Number: 2310111138



www.zenitel.com info@zenitel.com Last revision date: 2024-04-30 11:05

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.