zenitel

DATASHEET

2310102111

HD 17T22 17 inch Marine Display MMD

17 inch Flush Mount Display



- High Quality TFT with LED Backlight Technology
- 17.0 inch viewable image size, Aspect Ratio 5:4
- TFT active-matrix liquid crystal panel

Description

The HD 17T22 17 inch Marine Display MMD offers performance, convenience, state of the art design, and enduring quality for CCTV. The display is a flush monitor solution designed and type approved for the professional maritime segment, where reliability and long lifetime are key prerequisites for the industry.

The HD 17T22 17 inch Marine Display is a multi-input 17 inch MMD monitor that is a suitable size for a multitude of shipboard applications, where combining data and video inputs to a single unit provides maximum flexibility. It can display and manage data and multiple camera or sensor videos with a native resolution of 1280 x 1024 and an aspect ratio of 5:4. It is a high quality TFT flush mount monitor with LED backlight technology.

HD 17T22 17 inch Marine Display MMD

The CCTV display features Glass Display Control™ (GDC), LED Backlight Technology, full dimming and multipower as standard, and can also accommodate and combine a number of options such as multi-touch screen, optical bonding, sunlight readability (High Bright) and ECDIS calibration.

By factory standards, the HD 17T22 17 inch Marine Display MMD is ECDIS complaint. Additionally, it is IP66 compliant for the front of the display and IP22 compliant for the rear of the display (EN60529).

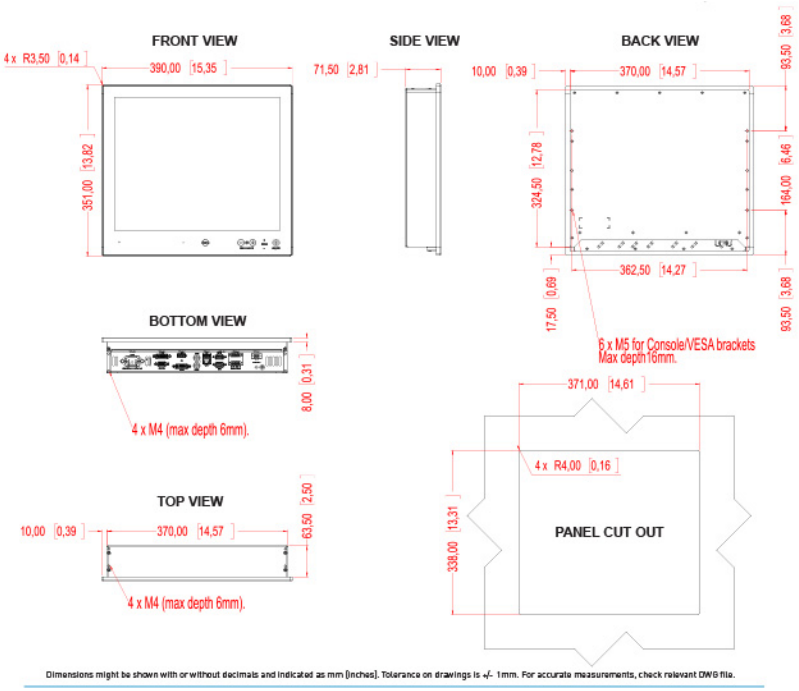
Technical Dimensions

www.zenitel.com info@zenitel.com

Last revision date: 2023-09-21 12:47

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

DESCRIPTION	
Native Resolution	1280 x 1024
Pixel Pitch (RGB)	0.264 (H) x 0.264 (V) mm
Response Time Standard	5ms (typical), “black” to “white”
Response Time High Bright	30ms (typical), “black” to “white”
Contrast Ratio Standard	1000:1 (typical)
Contrast Ratio High Bright	800:1 (typical)
Light Intensity Standard	350 cd/m² (typical)
Light Intensity High Bright	1000 cd/m² (typical)
Viewable Angle Standard	+/- 85° (Down/Left/Right), 60° (Up) (typ)
Active Display Area	337.92 (H) x 270.336 (V) mm
Max Colors	16.7 million
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 *Recommended for optimal picture quality
Video Signals	Interlaced HDTV, NTSC, PAL and SECAM video; Composite video
Multi-power Supply	100-240VAC - 50/60Hz + 24 VDC
Power Consumption	Operating AC/DC: 34W (max)
Dimensions (WxHxD)	390.00 x 351.00 x 71.50 mm
Weight	6.5Kg
Operating Temperature	-15°C to +55°C
Storage Temperature	-30°C to +70°C
Humidity	Up to 95%
IP	IP66 front – IP22 rear (EN60529)
Compass Safe Dist.	Standard: 125cm - Steering: 85cm

www.zenitel.com info@zenitel.com Last revision date: 2023-09-21 12:47

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.

SIGNAL TERMINALS

DVI-I IN	2 x 29p DVI Female (or as VGA IN with adapter)*
DP1.2 IN	1 x 20p DisplayPort (female)
Comp. Video IN	2 x BNC Connector (female)
SCOM RS-422/485	2 x 5-pin Terminal Block 3.81, non-isolated+Buzzer
SCOM+Touch	1 x USB TYPE A Connector (female)
SCOM Ethernet	1 x RJ45 Connector for Remote Control
SCOM RS-232	1 x 9p D-SUB (female) non-isolated+Buzzer
VGA OUT	1 x 15p HD D-SUB (female) - Clone of VGA IN**
Potmeter/User	1 x 9p D-SUB (male) (Potentiometer IN, +5VDC OUT, BRT +/- IN)
AC Power IN	1 x Std IEC Inlet
DC Power IN	1 x 2-pin Terminal Block 5.08
	* DVI-I Port #1 as VGA IN also acts as clone to VGA Signal Out (buffered).
	**Tested at recommended resolutions. The VGA output signal (buffered) is at same resolution and sync as the VGA input. The output is working even if the display unit is turned off, but power cable/supply must be connected/provided.
	Note for DVI and VGA signal inputs: DVI-I #1, DVI-D #1 and VGA #1 is Single Link. DVI-I #2, DVI-D #2 and VGA #2 is Dual Link.

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.

OTHER MODELS

2310102110	HD 15T22 Marine display 15" MMD, IEC60945 approved
2310120095	HD 19T22 Marine display 19" MMD, IEC60945 approved
2310102112	HD 24T22 Marine display, 24" MMD, IEC60945 approved
2310102113	HD 26T22 Marine display, 26" MMD, IEC60945 approved

ACCESSORIES

2310111138	HD TMB SX1 C1 table mount for HD 24/26 monitors
2310111141	HD TMB SX1 B1 Table-ceiling mount for HD 17-19 monitors

www.zenitel.com info@zenitel.com Last revision date: 2023-09-21 12:47

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.