2310102112

HD 24T22 24 inch Marine Display MMD

24 inch Flush Mount Display



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

Description

The HD24T22 24 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 24T22 24 inch Marine Display is a multi-input 24 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 1920 x 1080 (FHD). It is a high quality TFT flush mount monitor with LED backlight technology.

HD 24T22 24 inch Marine Display MMD

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

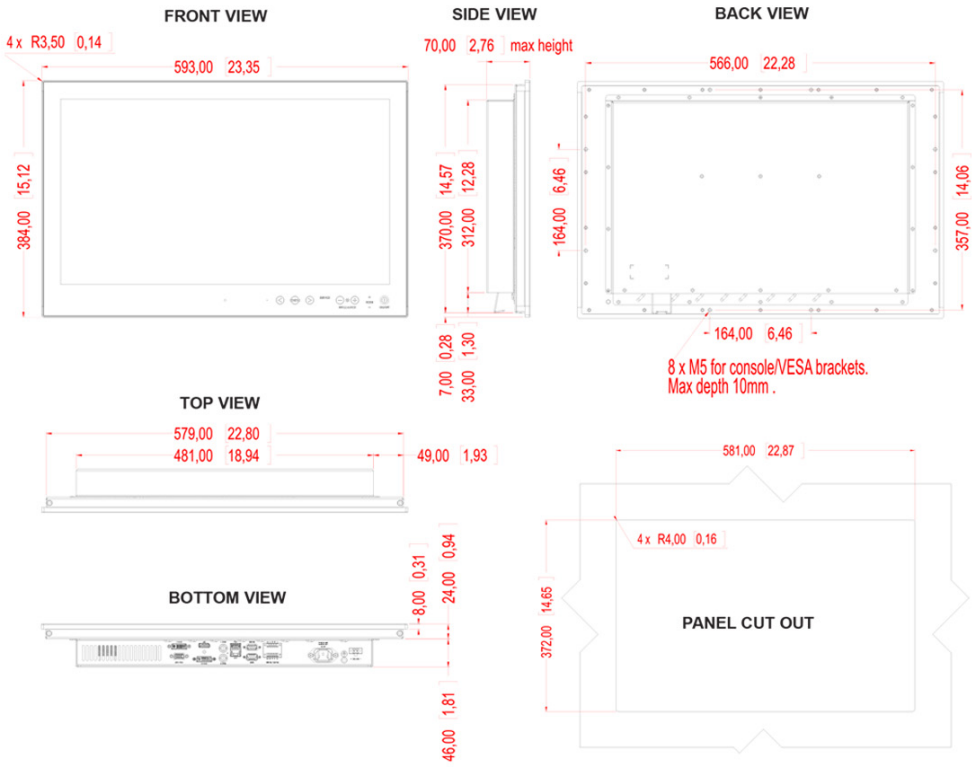
By factory standards, the HD 24T22 24 inch Marine Display MMD is ECDIS complaint. Additionally, it is IP66 compliant for the front of the display and IP22 compliant for the rear of the display (EN60529).

Technical Dimensions

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Dimensions might be shown with or without decimals and indicated as mm [inches]. Tolerance on drawings is +/- 1mm. For accurate measurements, check relevant DWG file.

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Specifications

DESCRIPTION	
Native Resolution	1920 x 1080 (FHD)
Pixel Pitch (RGB)	0.27675 (H) x 0.27675 (V) mm
Response Time	25ms (typical), “black” to “white”
Contrast Ratio Standard	3000:1 (typical)
Contrast Ratio High Bright	2300:1 (typical)
Light Intensity Standard	300 cd/m² (typical)
Light Intensity High Bright	1000 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 millions (RGB 8-bit)
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* * Recommended for optimal picture quality
Video Signals	Interlaced HDTV, NTSC, PAL and SECAM video, Composite video
Multi-power Supply	100-240V AC - 50/60Hz + 24 VDC
Power Consumption	Operating AC/DC: 51W (max)
Dimensions (WxHxD)	593 x 384 x 70 mm
Weight	9.1 Kg
IP Rating	IP66 front; IP22 rear
Operating Temperature	-15 °C to +55 °C
Storage Temperature	-30 °C to +70 °C
Humidity	Up to 95%

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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.

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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

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