MM32UHD MarineMaster Display



KEY FEATURES

- 32” 3840 x 2160 resolution with projective capacitive multi-touch screen
- Edge to edge narrow bezel design and fanless cooling system
- OSD Key For quick mode changing between ECDIS DAY, DUSK, and NIGHT mode
- 9~36 V DC to DC power input acceptable (Isolation Resistance)
- Meet the requirements of industrial marine standards, compatible with IEC60945 4th Edition, DNVGLCG0339, IACS E10
- Color calibrated for ECDIS compliance (Optional)

OVERVIEW



High Quality 4K UHD (3840 x 2160) Display

Milrack 4K UHD Marine Display feature a brilliant screen with a resolution of 3840 x 2160 pixels, aiming to reduce errors and enhance operational efficiency. The exceptional image quality, sharpness, and clarity ensure that every detail on the screen is now presented with unprecedented precision. This resolution represents approximately four times the resolution of Full HD.



Seaworthy Reliability Certified

Milrack ensures the reliability of Marine 4K Displays by adhering to the DNVGLCG0339 Standard, IEC60945, and IACSE10.
Rigorous inhouse reliability tests ensure optimal performance even in challenging maritime conditions.



Streamlined Control with a UserFriendly Interface

To enhance operator convenience in industrial environments, Milrack Marine Display Series optimizes the 6 key OSD button, providing seamless access to DAY/DUSK/Night Mode. This enhancement ensures straightforward operation, eliminating complexity and providing swift access to the central control located on the front panel.



Sailing the Chromatic Seas with ECDIS Color Accuracy

Milrack ensures precise color reproduction by calibrating color settings according to the IEC 61174 ECDIS Standard during the manufacturing process. This meticulous calibration guarantees accurate portrayal of colors.

SPECIFICATIONS

Display			
Resolution	3840x2160	**Size**	32.0 inches
Contrast Ratio	1000:1	**Panel Brightness**	350.0 nits
Display Color	1.07B Colors	**View Angles**	89,89,89,89
Active Area	708.48x398.52 mm	**Touch / Glass**	Projected Capacitive Multi Touch Screen (AR) AG film (Optional) AR Glass (Optional)

Environment			
Operating Humidity	5% to 95%	**Operating Temperature**	-15~55°C
Shock	15G,11ms duration	**Vibration**	0.7g@DNVGL CG-0339 (Class A)
IP rating	IP66 (Front Side)		

Certification

Certification	CE, FCC

IO Ports

USB Port	1 x USB for Touch Screen	**Serial Port**	1 x RS232 for remote control
Video	1 x VGA 1 x DVI-D 1 x HDMI 1.4 1 x HDMI 2.0 1 x DP	**Buzzer**	75 dB~80 dB, 2300 Hz, 1m

Mechanical

Dimension	795 x 524 x 87 mm	**Weight**	18.5 kg
Mounting	VESA Mount/ Panel Mount	**Enclosure**	Anodized Aluminum Bezel
Cooling System	Fanless Design	**Cut out**	770 x 500 mm

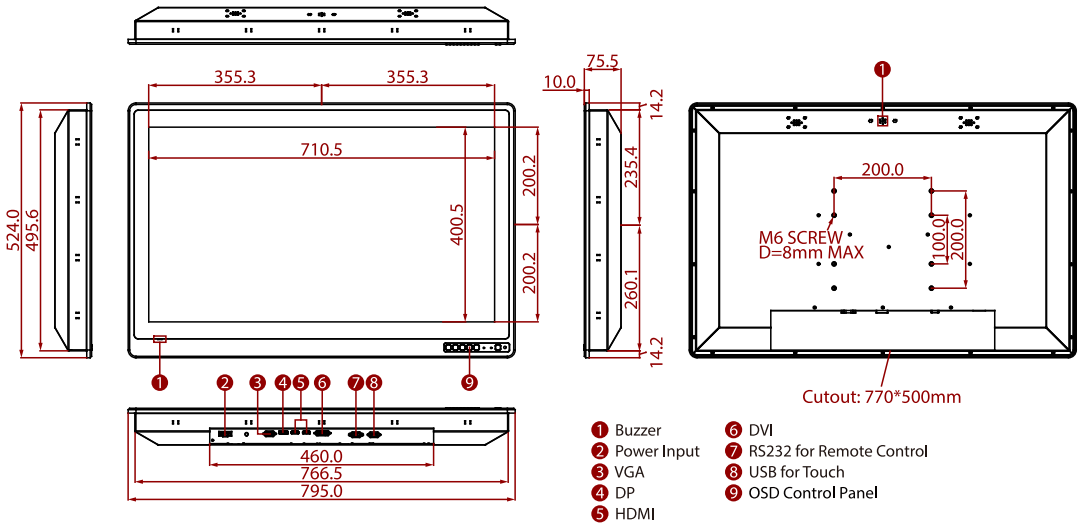
Power

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	**Consumption**	65W (Typical)

Accessory

Accessory	User Manual AC to DC Adapter Power Cord 3 Pin Terminal Block 1 x VGA cable 1 x DVI cable 1 x DP cable 2 x HDMI cable 1 x RS232 cable 1 x USB cable

DIMENSIONS UNIT:MM



NOTE

1.This is a simplified drawing and some components are not marked in detail.
2.Please contact our sales representative if you need further product information.
3.All specifications are subject to change without prior notice.
4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O,