W32L100-MRA3FP

32" ECDIS Marine Display

KEY FEATURES

- 32" 1920 x 1080 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)

CE FC

OVERVIEW

Reliable computing certified for marine applications

Winmate marine computer monitors are built and tested according to the marine industry's international regulatory requirements. Winmate performs in-house reliability tests to ensure optimal performance in harsh maritime environments.

Modern bridge-focused design

The true-flat surface of the marine computer monitors gives a slim and elegant appearance that goes beyond the standard navigational computers with a sleek and edge-to-edge design, sturdy construction, powerful performance, and flexible mounting options.

Convenient on-screen user controls

The Winmate marine computer monitors feature a user-friendly touchscreen and capacitive touch keys for quick function access and display control.

SPECIFICATIONS

Display

Resolution	1920x1080	Size	32.0 inches
Contrast Ratio	4000:1	Panel Brightness	400.0 nits
Display Color	16.7M Colors	View Angles	89,89,89,89
Active Area	698.4x392.85 mm	Touch / Glass	Projected Capacitive Multi Touch Screen AR Glass (Optional)

Environment

Operating Humidity	10% to 95% RH	Operating Temperature	-15~55°C
Storage Temperature	-20°C~60°C	IP rating	Front IP65

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		

Mechanical

Dimension	795 x 524 x 75.5 mm	**Weight**	18 kg
Mounting	VESA mount Panel mount (Optional)	**Enclosure**	Anodized Aluminum Bezel
Cooling System	Fanless Design	**Cut out**	770 x 500 mm

Accessory

Accessory	User Manual Mounting clips x 16 AC to 12V DC Adapter Power Cord 3 Pin Terminal Block Open Wire Cable 1 x VGA cable 1 x DVI cable 1 x HDMI cable 1 x RS232 cable 1 x USB cable		

Power

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	**Consumption**	55W (Typical)

Control

Button	6 key: Power Decrease Increase Exit/ Auto Menu ECDIS Mode Change		

DIMENSIONS   UNIT:MM

❶ Power Input
❷ VGA
❸ DVI
❹ HDMI
❺ COM
❻ USB for Touch
❼ OSD Control Panel

Cutout: 770*500mm

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, please contact the Winmate Sales Team for more information.