

W24L100-MRL1FP

23.8" 4K UHD Marine Display



KEY FEATURES

- 23.8" 4K UHD with projective capacitive multi-touch screen
- Multi Video Output ,VGA+DVI+HDMI+DP
- 24V DC power input
- fanless cooling system



OVERVIEW



Reliable Computing Certified for Marine Applications

Winmate 4K UHD Marine Displays are built and tested according to DNVGL Standard, IEC, and IACS to meet the marine industry's international regulatory requirements. Winmate performs in-house reliability tests to ensure optimal performance in harsh maritime environments.



Incredible Image Quality with 4K UHD Resolution

Winmate 4K UHD Marine Displays feature a brilliant screen with 4K UHD (3840 x 2160) resolution to help minimize errors and improve operational efficiencies. With unsurpassed image quality, sharpness, and clarity, now every detail on the screen is displayed more detailed than ever.



Sleek Design for Modern Bridge Workstations

Easy to maintain and clean. The glass cover lens provides excellent protection from scratch and reduces the gap for a possible accumulation of dust and liquid. The true-flat surface also gives the device a slim and elegant appearance that goes beyond the standard, marine computers with a sleek and edge-to-edge design, rugged construction, powerful performance, and flexible mounting options.



Ultimate Touch Experience

Enhance customer experience with PCAP touch that supports multi-touch and can easily be controlled by fingers. Enjoy every touch and convenience when using the 4K UHD Marine Displays, and experience the ultimate durability in some of the most demanding applications, such as navigation and control.



Video-Input Options

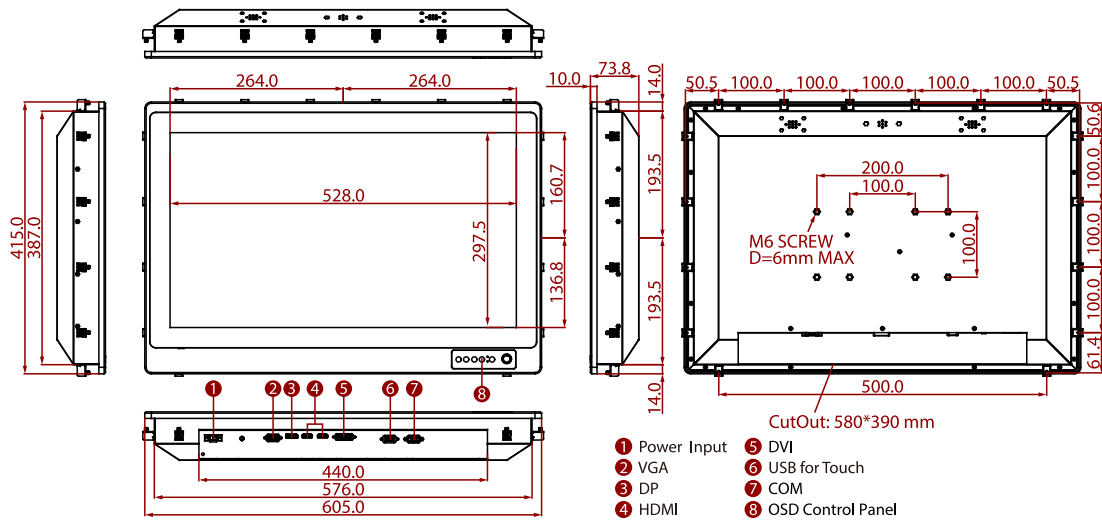
Video input consists of DVI-D, HDMI, and VGA connectors. Use the RS232 port for remote control and a USB connector for touch.

SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen AR Glass (Optional)	Resolution	3840x2160

Size	23.8 inches	Contrast Ratio	1200:1
Panel Brightness	540.0 nits	Display Color	1.07B Colors
View Angles	89,89,89,89	Active Area	525.65x295.70 mm
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 Type A	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		
Mechanical			
Dimension	601 x 415 x 73.8 mm	Weight	10.5 kg
Mounting	VESA Mount/ Panel Mount	Enclosure	Anodized Aluminum Bezel
Cooling System	Fanless Design	Cut out	570 x 360 mm
Power			
Power Rating	9~36V DC Input Acceptable	Consumption	70W (Typical)
Accessory			
Accessory	User Manual Mounting clips x 12 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		

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, please contact the Winmate Sales Team for more information.