

W55L100-MRA1FP

55" 4K UHD Marine Display



CE

FCC

KEY FEATURES

- 55" 3840 x 2160 resolution with projective capacitive multi-touch screen
- 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)

INTRODUCTION

The Winmate 4K Marine Display Series comes in sizes from 27" to 55". It offers a clear 3840 x 2160 resolution. The display has a projective capacitive multi-touch screen for easy navigation and control. These displays have narrow bezels and no fans for cooling. They meet industrial marine standards like IEC60945 4th Edition and DNVGL-CG-0339. This ensures they are durable and reliable in maritime environments. The device has OSD keys for quick changes between ECDIS DAY, DUSK, and NIGHT modes. It also offers optional color calibration for ECDIS compliance. With a wide input range of 9 to 36 V DC, it performs well in tough marine settings.

SPECIFICATIONS

Display			
Resolution	3840x2160	Size	55.0 inches
Contrast Ratio	4000:1	Panel Brightness	500.0 nits
Display Color	1.07B Colors	View Angles	89,89,89,89
Active Area	1209.6x680.4 mm	Touch / Glass	Projected Capacitive Multi Touch Screen (AR Coating) AG film (Optional) AR Glass (Optional)
Environment			
Operating Humidity	5% to 95%	Operating Temperature	-15~55°C
Shock	15G,11ms duration	Vibration	0.7g@DNV-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 2 x HDMI 2.0 1 x DP	Buzzer	75 dB~80 dB, 2300 Hz, 1m

Mechanical

Dimension	1273 x 744.6 x 62.5 mm	Weight	24 kg
Mounting	VESA mount	Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design		

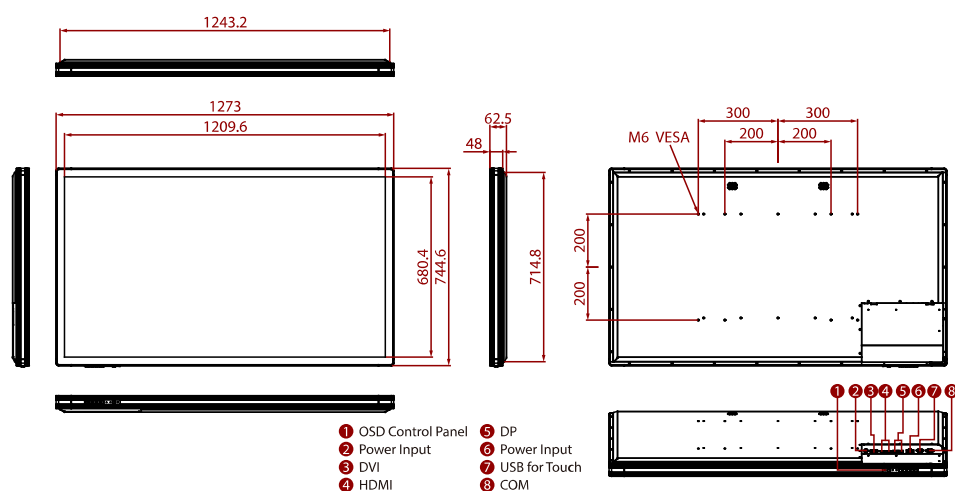
Power

Power Rating	100~240V AC-in
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Accessory

Accessory	User Manual 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
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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.