

W55L100-MRA1FP

55 inches 4K UHD Marine Screen



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
- 100~240V AC power input acceptable
- Meet the requirements of industrial marine standards, compatible with IEC60945 4th Edition, DNVGLCG0339, IACS E10
- Color calibrated for ECDIS compliance (Optional)

INTRODUCTION

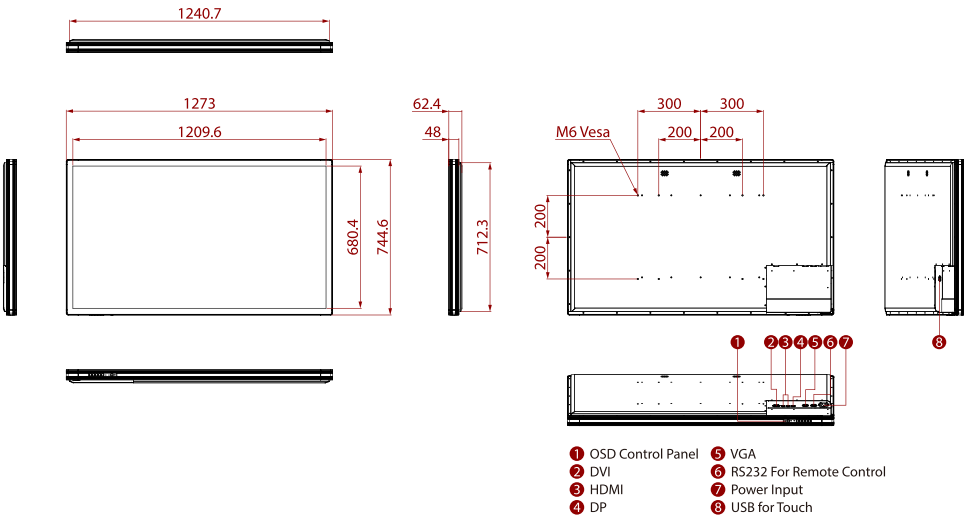
Winmate W55L100-MRA1FP is a 55 inches 4K UHD Marine Screen engineered for marine bridge systems, shipboard automation, and offshore operations. It combines 55-inch display with 3840x2160 resolution, IEC 60945, and IACS-E10 to support reliable operation in marine and offshore environments. With 55" 3840 x 2160 resolution with projective capacitive multi-touch screen, the W55L100-MRA1FP helps OEMs, system integrators, and project teams deploy durable, configurable solutions for demanding field, factory, and mission-critical applications.

SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen	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
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		
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		

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.

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