

P4K-43

43" 4K UHD Marine Display



KEY FEATURES

- 43" 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

Winmate P4K-43 is a 43-inch 4K UHD Marine Display engineered for marine bridge systems, shipboard automation, and offshore operations. It combines 43-inch display with 3840x2160 resolution, DNV, and IEC 60945 to support reliable operation in marine and offshore environments. With IACS-E10, the P4K-43 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	42.5 inches	Contrast Ratio	4000:1
Panel Brightness	500.0 nits	Display Color	1.07B Colors
View Angles	89,89,89,89	Active Area	941.184x529.416 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 DNV-CG-0339, IEC60945 4th, IACS E10		
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	1028.8 x 617 x 48 mm	Weight	29.5 kg
Mounting	VESA mount	Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design		

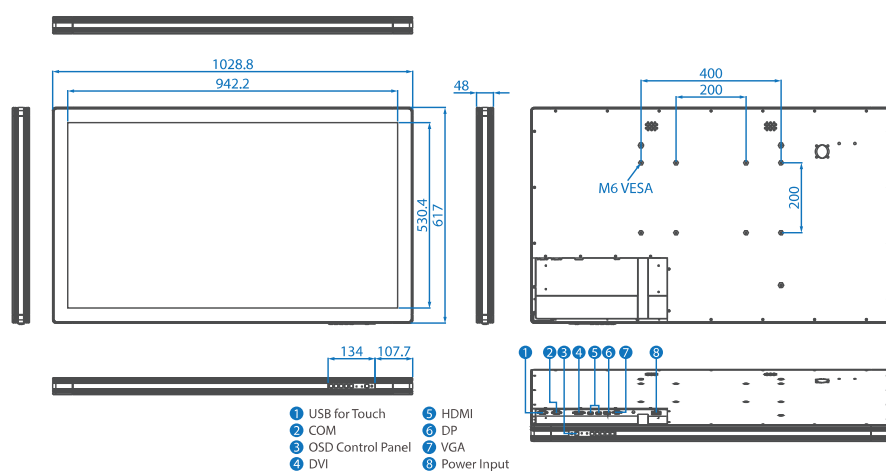
Power

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	100W (Typical)
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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
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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 Seatronx sales team for more information.