

P4K-24

24" 4K UHD Marine Display



KEY FEATURES

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

INTRODUCTION

P4K-24 Marine Display Series provides reliable and durable performance for maritime environments. Certified with DNVGL-CG-0339, IEC60945 4th, and IACS E10 standards, these displays ensure compliance with marine industry requirements. Featuring an IP66 aluminum housing with powder coating (IP54 rear), a dimming knob for precise backlight control, and enhanced shock and vibration resistance, they are built for harsh conditions. With optional touchscreen or AR protection glass, multiple video inputs, and user friendly front panel OSD controls, these displays are ideal for navigation and control applications.

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@DNVCG0339 (Class A)
IP rating	IP66 (Front Side)		

Certification

Certification	CE, FCC
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IO Ports

USB Port	1 x USB Type A	Serial Port	1 x RS232 for remote control
Video	1 x VGA 1 x DVID 1 x HDMI 1.4 1 x HDMI 2.0 1 x DP		

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 Rating	9~36V DC Input Acceptable	Consumption	70W (Typical)
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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

Technical drawing of the 580*390 mm monitor showing front, side, and rear views with dimensions and port locations.

Front View Dimensions:

- Overall Width: 580.0 mm
- Overall Height: 390.0 mm
- Inner Display Area Width: 528.0 mm
- Inner Display Area Height: 297.5 mm
- Top Bezel Width (each side): 264.0 mm
- Bottom Bezel Width (each side): 264.0 mm
- Right Bezel Height (each side): 160.7 mm
- Left Bezel Height (each side): 136.8 mm

Side View Dimensions:

- Top Thickness: 73.8 mm
- Bottom Thickness: 14.0 mm
- Front Bezel Depth: 10.0 mm
- Back Bezel Depth: 14.0 mm

Rear View Dimensions and Features:

- Overall Width: 580.0 mm
- Overall Height: 390.0 mm
- Mounting Hole Pattern Dimensions:
 - Horizontal spacing between holes: 100.0 mm
 - Vertical spacing between holes: 100.0 mm
 - Distance from top edge to top row of holes: 50.5 mm
 - Distance from bottom edge to bottom row of holes: 50.5 mm
 - Distance from left edge to left column of holes: 50.5 mm
 - Distance from right edge to right column of holes: 50.5 mm
- Mounting Hole Diameter: M6 SCREW D=6mm MAX
- CutOut: 580*390 mm

Port Locations (Rear View):

- 1 Power Input
- 2 VGA
- 3 DP
- 4 HDMI
- 5 DVI
- 6 USB for Touch
- 7 COM
- 8 OSD Control Panel

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 our Sales Team for more information.

