

# PHT4K-27

27" 4K UHD Marine Display



### KEY FEATURES

- 27" 3840 x 2160 resolution with projective capacitive multi touch screen
- Edge to edge narrow bezel design and 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

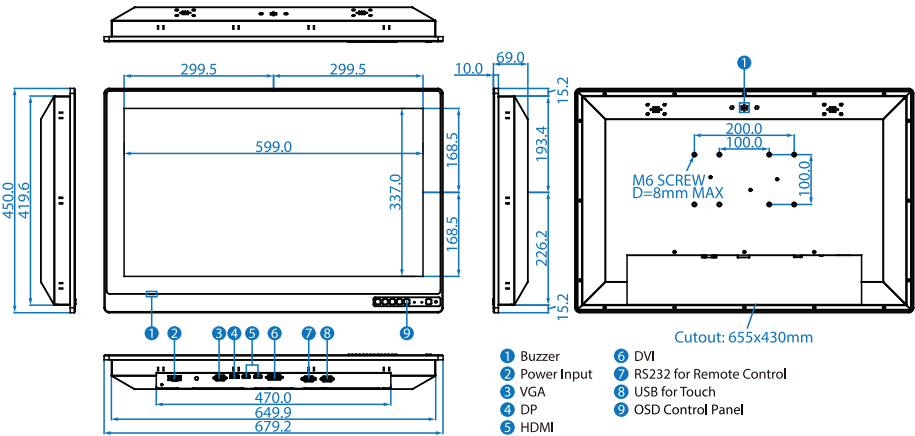
The PHT4K-27 4K Marine Display Series comes in sizes from 27" to 55". It offers a clear 3840 x 2160 resolution. The display has a projective capacitive multi-touch screen. This feature allows for precise navigation and control. These displays have narrow bezels and no fans for cooling. They meet industrial 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	27.0 inches
Contrast Ratio	1000:1	Panel Brightness	400.0 nits
Display Color	1.07B Colors	View Angles	89,89,89,89
Active Area	596.16x335.34 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@DNVCG0339 (Class A)
IP rating	IP66 (Front Side)		
Certification			
Certification	CE, FCC DNVCG0339, 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 DVID	Buzzer	75 dB~80 dB, 2300 Hz, 1m
Mechanical			
Dimension	679.2 x 450 x 69 mm	Weight	16.7 kg
Mounting	VESA mount/Panel mount	Enclosure	Anodized Aluminum Bezel
Cooling System	Fanless Design	Cut out	655 x 430 mm
Power			
Power Rating	24V DCin with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	55W (Typical)
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		

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.

