

Technical Doc. :	ST_PTSL-24-MR
Equipment:	PTSL-24-MR
Revision :	1.0



Model: PTSL-24-MR - 23.8" Monitor

1. 23.8" Sunlight Readable Marine LCD Monitor
2. 1,000 Nits (Cd/m²) High Brightness
3. Widescreen, 16:9 Aspect Ratio
4. Full HD 1080p, 1920 x 1080 Max Resolution
5. 9 to 36VDC Power Input
6. NEMA 4, IP65 Sealed Front Panel
7. Operates in -10 to + 60 deg C temperatures
8. VGA, DVI & Composite Video Inputs
9. Front Brightness Controls
10. P-Cap multi-touch / Resistive single touch
11. Picture in picture function (PIP)

LCD Panel

Panel size	23.8"
Resolution	1920*1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m ²)	1000 nits sunlight readable (Optional 1500 nits)
Response time	5ms
Contrast ratio	1000:1
View angle	89°/89°/89°/89° (R/L/U/D)
Light sensor	Light sensor for auto dimming (Optional)

Touch Panel

Touch Interface	USB
Surface treatment	Anti-glare
Surface hardness	7H
Touchscreen Type	P-Cap Multi-touch
Touch response time	<2ms
Luminousness	90%
Working Life	>50 million times

Signal Ports

VGA	2x VGA
Composite Video	3x composite video
DVI	2x DVI

OSD Control

Control Buttons	Brightness, Night Mode, Down, Menu, Up, Input, Power
Support Languages	English, French, Spanish, Portuguese, Italian, German, Russian, Japanese, Chinese
Support OS	Windows, Linux, Mac OS X, Android

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Power Supply

External Power Supply	AC/DC Power Adapter is optional
Working voltage	9V – 36V DC Input via Terminal Block
Power consumption	40~45W Typical

Enclosure

Material	Aluminum alloy bezel+ High strength cold rolled steel back case
Color	Black
VESA mounting	75x75 / 100x100mm

Operating Environment

Temperature Range	Operating: -10 to 60°C, storage :-20 to 70°C
Relative humidity	5%~95% @ 40° C, non-condensing

Packing Details

Net weight	8 kg
Gross weight	9.5kg
Product Dimension (mm)	601.68*423.30*40.6 mm
Packing size (mm)	685*460*210 mm

Other

Warranty	1 year warranty
Mounting	Panel (Flush) Mount / VESA Mount
Certificate	CE, FCC, RoHS, Compliance IEC 60945, IACS E10, ECDIS Standard

