



NAVPIXEL™ NPD1236

12.1" IP65 Sunlight Readable Marine Display

NAVPIXEL™ NPD1236, the high-performance, rugged touch monitor, is specially engineered to survive from the most demanding working environment. Housed in a milled billet aluminum case, the slim-profile NAVPIXEL™ NPD1236 is light weight and watertight with fully sealed IP65 connectors. The front-mounted sunlight readable touchscreen makes the industrial rugged monitor vividly and user-friendly. In addition, the high power efficiency and low heat design guarantee the stability and longevity required for mission critical deployment.

Main Features

- 1000 Nits Sunlight Readable LCD
- Long Life, Low Power Consumption LED Backlight
- -10°C~50°C Wide Operation Temperature
- Advanced Optical Bonding (AOT)
- Resistive Touch Support
- IP65 Waterproof
- 8~36V DC input

Application:

- Marine

Specifications are subject to change without notice.
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Specifications

LCD Display

Backlight

- 12.1" LED Backlight

Active Display Area

- 245.76x184.32 mm

Brightness

- 1000 cd/m²

Resolution

- 1024x768 (XGA)

Contrast Ratio

- 800:1

Pixel Pitch (mm)

- 0.24(H)x0.24(V)

Viewing Angle

- 140°(H), 140°(V)

Display Color

- 262,144

Response Time

- Tr 6ms/ Tf 17ms

Inputs

- VGAx1, DVIX1, Composite x3, RS232x1, USBx1

Mechanical

IP Rating

- Fascial waterproof to IP65 standards when console mounted.

Construction

- Rugged Aluminum Alloy Chassis

Mounting

- Panel (Flush) mount, VESA mount

Dimension

- 297.2mm (W) x 256mm(H) x 56mm(D)

Net Weight

- To be advised

Power

Voltage

- Operates on 12V and 24V systems

Power Consumption

- 25~30W

Environmental

Operating Temperature

- -10°C~50°C (14°F~122°F)

Non-Operating Temperature

- -20°C~70°C (-4°F~158°F)

Certification

- Designed to meet FCC Class A,
DNV Marine Approval Pending

