



NAVPIXEL™ NPD1744

17" IP65 Sunlight Readable Marine Display

NAVPIXEL™ NPD1744, 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™ NPD1744 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
- 9~36V DC input

Application:

- Marine

*Specifications are subject to change without notice.
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Specifications

LCD Display

Backlight

- 17" LED Backlight

Active Display Area

- 337.92x270.336 mm

Brightness

- 1000 cd/m²

Resolution

- 1280x1024 (SXGA)

Contrast Ratio

- 1000:1

Pixel Pitch (mm)

- 0.264(H)x0.264(V)

Viewing Angle

- 160°(H), 160°(V)

Display Color

- 16.7M

Response Time

- Tr 3.5ms/ Tf 1.5ms

Inputs

- VGaX2, DVIx2, Composite x3, RS232x1

Picture in Picture

- 3 stages (child, split and wide screen)

Mechanical

IP Rating

- Fascial waterproof to IP65 standards when console mounted.

Construction

- Rugged Aluminum Alloy Chassis

Mounting

- Panel (Flush) mount, VESA mount

Dimension

- 384mm (W) x 348.1mm(H) x 57.8mm(D)

Net Weight

- To be advised

Power

Voltage

- Operates on 12V and 24V systems

Power Consumption

- 35~40W

Environmental

Operating Temperature

- -10°C~50°C (14°F~122°F)

Non-Operating Temperature

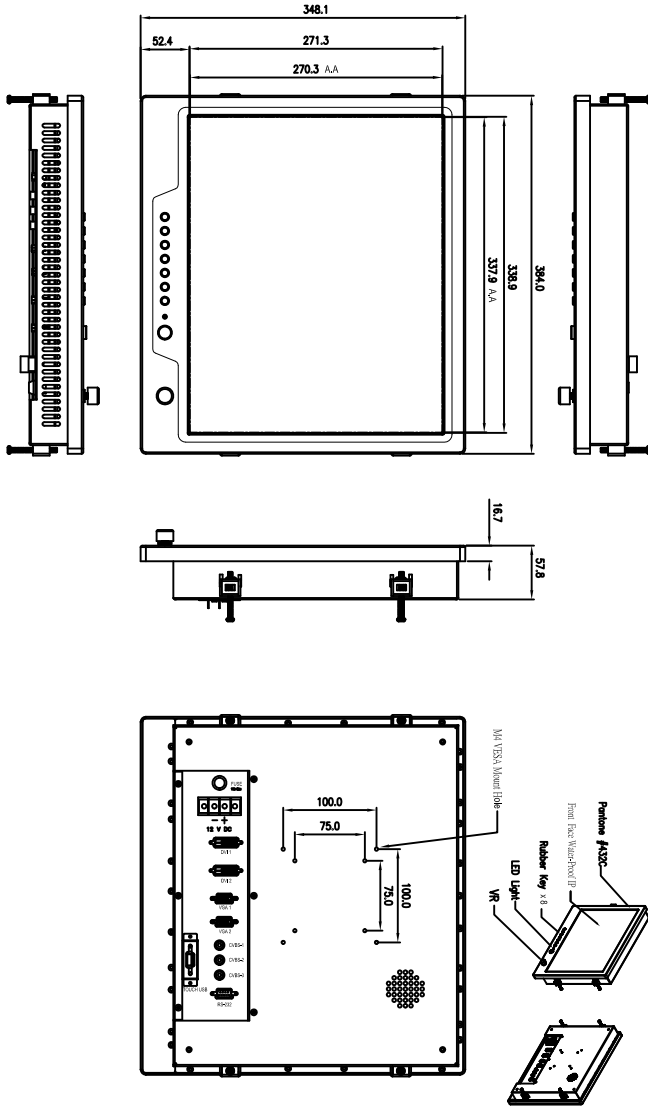
- -20°C~70°C (-4°F~158°F)

Certification

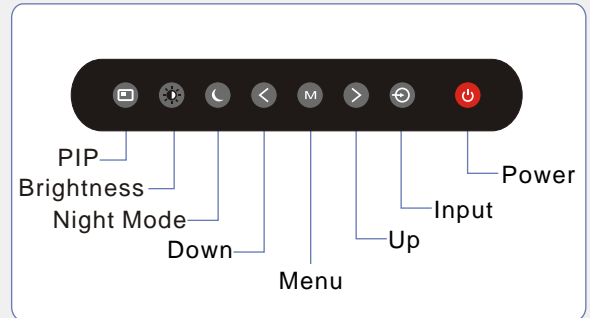
- Designed to meet FCC Class A, DNV Marine Approval Pending

Outline Dimensions

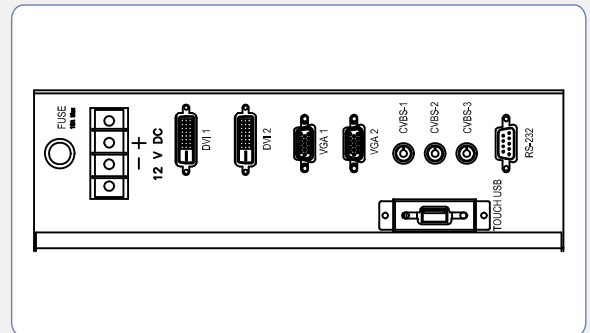
Unit: mm



Control Button



Connectors



Ordering Information

NPD1744-ETAW-H01

Optional Accessories

840612111200 Power Adapter 12V, 10A, 120W, PAC120F

810618301010 Power cord (US type)

810618301090 Power cord (European type)