



## 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
- 9~36V 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/m<sup>2</sup>

#### 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

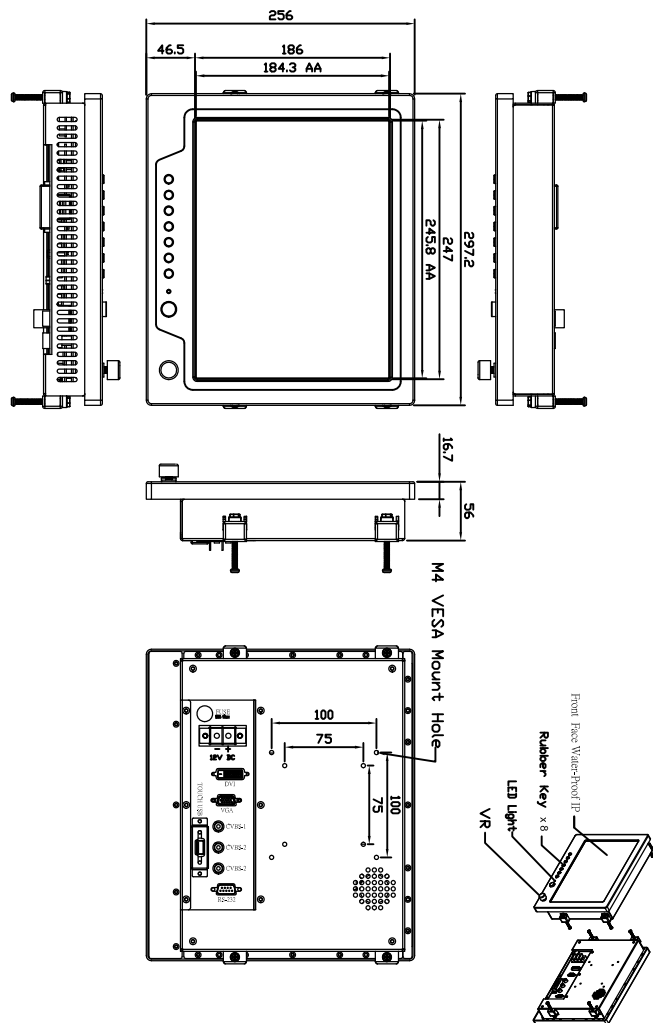
- -20°C~70°C (-4°F~158°F)

### Certification

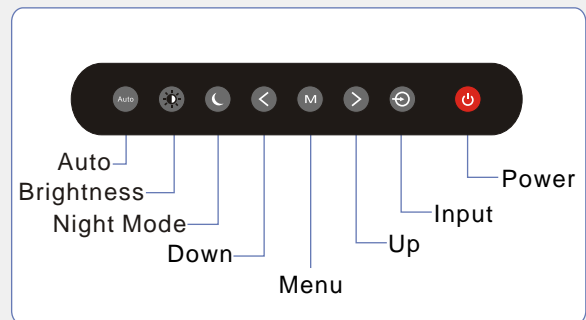
- Designed to meet FCC Class A, DNV Marine Approval Pending

## Outline Dimensions

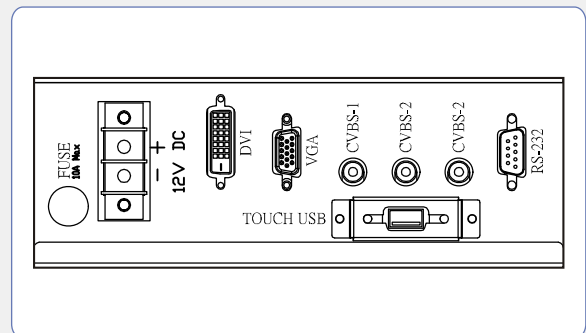
Unit: mm



## Control Button



## Connectors



## Ordering Information

NPD1236-ETAW-G01

## Optional Accessories

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

**810618301010** Power cord (US type)

**810618301090** Power cord (European type)