



## NAVPIXEL™ NPD0835

### 8.4" IP68 Sunlight Readable Marine Display

NAVPIXEL™ NPD0835, 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™ NPD0835 is light weight and watertight with fully sealed IP68 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

- Fanless Design
- 1000 nits Sunlight Readable LCD
- Long Life, Low Power Consumption LED Backlight
- -20°C~60°C Wide Operating Temperature
- Advanced Optical Bonding (AOT)
- High Shock & Vibration Resistance
- IR Touch Support
- IP 68 Waterproof, Completely Sealed
- 8-36 V DC Input

#### Application:

- Outdoor Display
- Gas & Oil Equipment
- Marine
- Truck and Car Transportation
- Mining and More...

*Specifications are subject to change without notice.  
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## Specifications

### LCD Display

#### Backlight

- 8.4" LED Backlight

#### Active Display Area

- 170.4x127.8 mm

#### Brightness

- 1000 cd/m<sup>2</sup>

#### Resolution

- 800x600 (SVGA)

#### Contrast Ratio

- 600:1

#### Pixel Pitch (mm)

- 0.213(H)x0.213(V)

#### Viewing Angle

- +60°~60°(H), +55°~65°(V)

#### Display Color

- 16.2M

#### Response Time

- Tr 10ms/ Tf 20ms

#### Inputs

- VGAx1, USBx1

### Mechanical

#### IP Rating

- IP68 (NEMA6P Submersible)

#### Construction

- Rugged Aluminum Alloy Chassis

#### Mounting

- RAM mount, VESA mount

#### Dimension

- 250mm (W) x 200mm(H) x 64mm(D)

#### Net Weight

- 3kg

### Power

#### Voltage

- Operates on 12V and 24V systems

#### Power Consumption

- 16~18W

### Environmental

#### Operating Temperature

- -20°C~60°C (-4°F~140°F)

#### Non-Operating Temperature

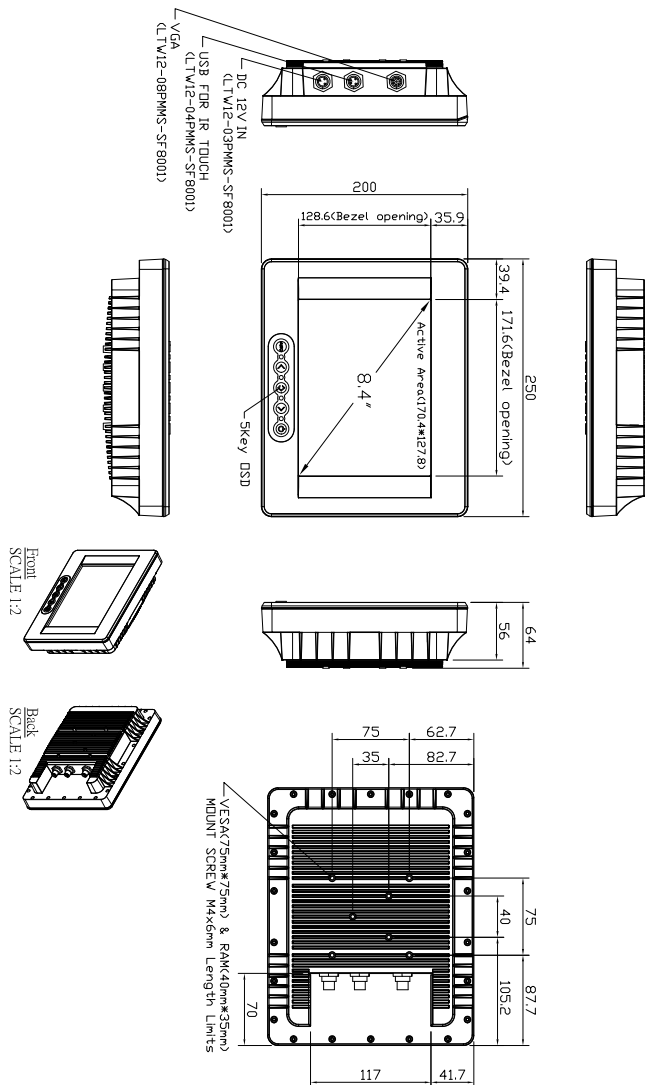
- -30°C~80°C (-22°F~176°F)

### Certification

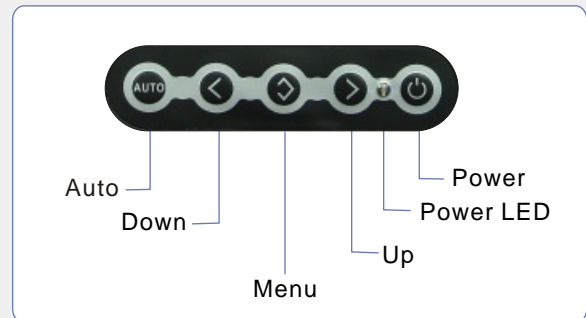
- Designed to meet FCC Class A,  
DNV Marine Approval Pending

## Outline Dimensions

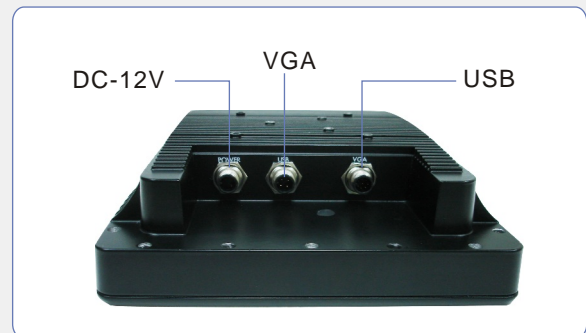
Unit: mm



## Control Button



## Connectors



## Ordering Information

NPD0835-ETAW-A01

## Optional Accessories

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

**810618301010** Power cord (US type)

**810618301090** Power cord (European type)