



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/m²
- 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

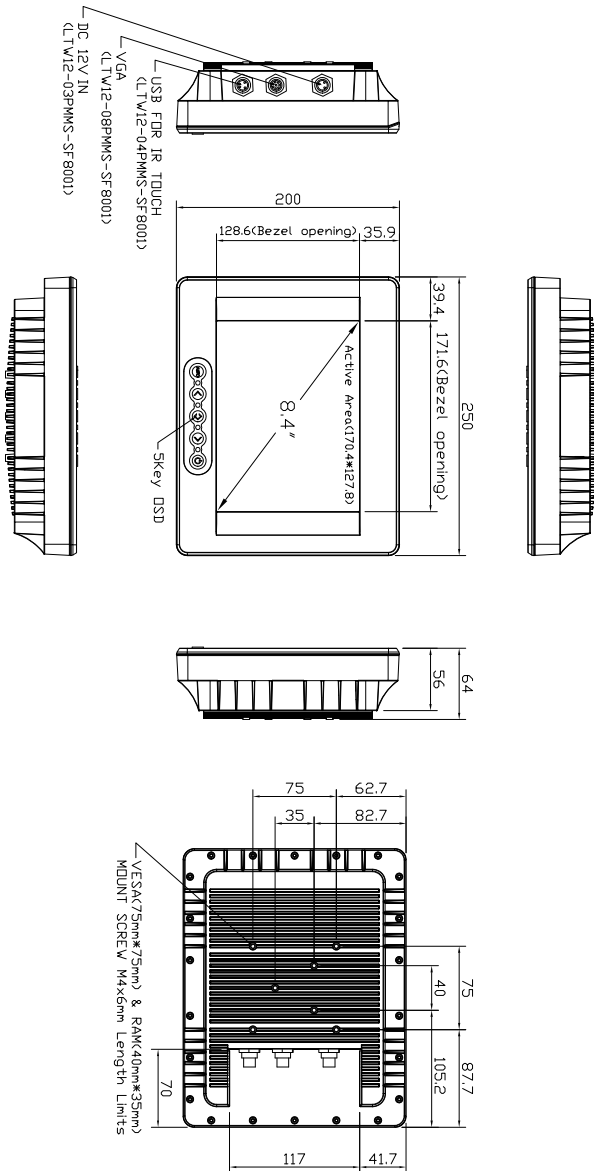
- Operating Temperature**
 - -20°C~60°C (-4°F~140°F)
- Non-Operating Temperature**
 - -30°C~80°C (-22°F~176°F)

Certification

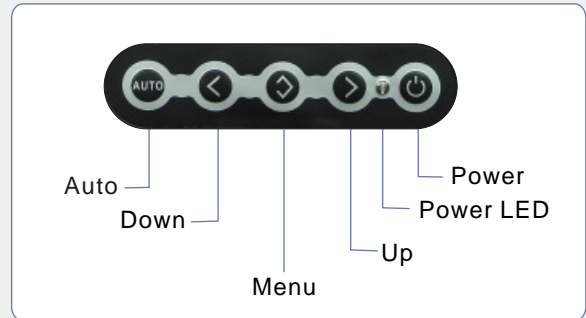
- Designed to meet FCC Class A,
DNV Marine Approval Pending

Outline Dimensions

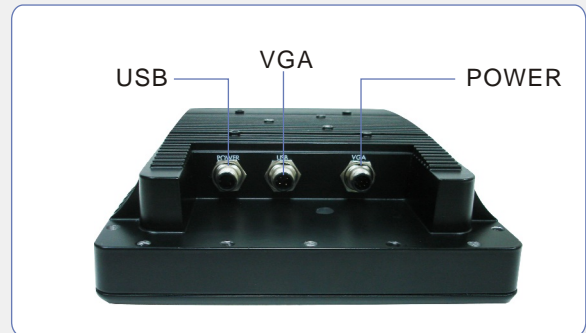
Unit: mm



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)