NAVPIXEL

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
- 8~36V DC input

Application:
- Marine

Specifications

LCD Display
Backlight
- 17" LED Backlight

Active Display Area
- 337.92x270.336 mm

Brightness
- 1000 cd/m^2

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
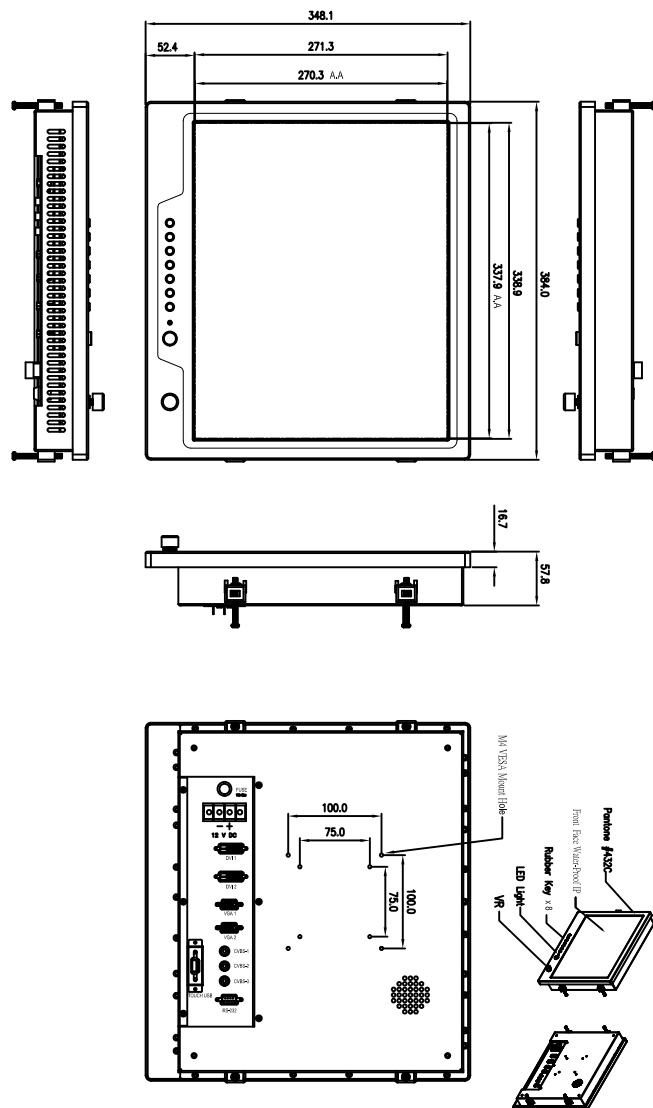- -10°C~50°C (14°F~122°F)
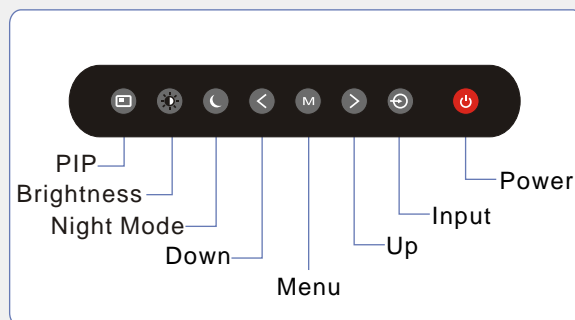
Non-Operating Temperature
- -20°C~70°C (-4°F~158°F)

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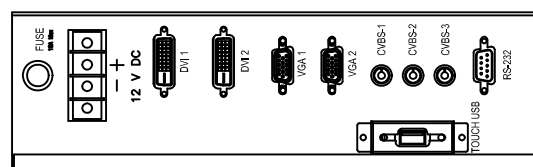- Designed to meet FCC Class A, DNV Marine Approval Pending

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Outline Dimensions

Unit: mm

348.1
52.4
271.3
270.3 A.A
338.9
337.9 A.A
384.0
16.7
57.8

100.0
75.0
100.0
75.0

M4 VESA Mount Hole
Front Face Water-Proof IP
Pantone #430C
Rubber Key x 8
LED Light
VR

12 V DC
DVI 1
DVI 2
VGA 1
VGA 2
DVBS-1
DVBS-2
DVBS-3
RS-232
TOUCH USB

Control Button

PIP
Brightness
Night Mode
Down
Menu
Up
Input
Power

Connectors

FUSE
12 V DC
DVI 1
DVI 2
VGA 1
VGA 2
CVBS-1
CVBS-2
CVBS-3
RS-232
TOUCH USB

Ordering Information
NPD1744-ETAW-H01

Optional Accessories
840612111200 Power Adapter 12V, 10A, 120W, PAC120F
810618301010 Power cord (US type)
810618301090 Power cord (European type)

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