

# IP65 Sunlight Readable Marine Display

## Specifications

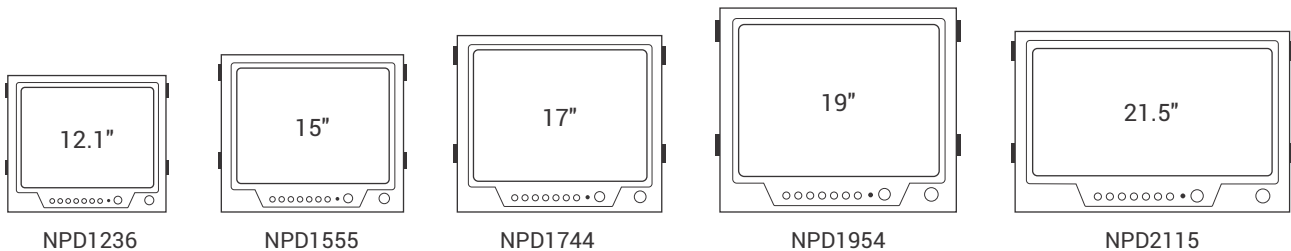


### 12.1", 15", 17", 19", 21.5" IP65 Sunlight Readable Marine Display NAVPIXEL

NAVPIXEL, 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 is light weight and watertight. The front-mounted sunlight readable touch screen 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.*



## Product Features

- 1000 nits Sunlight Readable LCD
- Long Life, Low Power Consumption LED Backlight
- Wide Operating Temperature
- Picture In Picture Function
- Advanced Optical Bonding (AOT)
- Shock & Vibration Resistance
- Resistive Touch Support
- IP65 Facial Waterproof
- 9-36V DC Input

## Application

- Marine

## IP65 Sunlight Readable Marine Display: Specifications and Models

Specifications	12.1-inch model	15-inch model	17-inch model	19-inch model	21.5-inch model
<b>Model Name</b>	NPD1236	NPD1555	NPD1744	NPD1954	NPD2115
<b>Description</b>	12.1" IP65 Sunlight Readable Marine Display	15" IP65 Sunlight Readable Marine Display	17" IP65 Sunlight Readable Marine Display	19" IP65 Sunlight Readable PCT Multi-Touch Marine Display	21.5" IP65 sunlight readable Marine Display
<b>Size</b>	12.1"	15"	17"	19"	21.5"
<b>Display area</b>	245.76(H) x 184.32(V)	304.128(H) x228.096(V)	337.92(H) x270.336(V)	376.32(H) x301.06(V)	476.64(H) x268.11(V)
<b>Brightness</b>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>
<b>Resolution</b>	1024x768	1024x768	1280x1024	1280x1024	1920x1080
<b>Aspect ratio</b>	4:3	4:3	4:3	4:3	16:9
<b>Contrast ratio</b>	700:1	700:1	800:1	1000:1	1000:1
<b>Pixel pitch (mm)</b>	0.24 (H) x 0.24 (V)	0.297 (H) x 0.297 (V)	0.264 (H) x 0.264 (V)	0.294 (H) x 0.294 (V)	0.248 (H) x 0.248 (V)
<b>Pixel per inch (PPI)</b>	105	85	96	86	102
<b>Viewing angle</b>	140° (H), 140° (V)	160° (H), 160° (V)	160° (H), 160° (V)	170° (H), 160° (V)	170° (H), 160° (V)
<b>Display colors</b>	262k	16.2m	16.7m	16.7m	16.7m
<b>Response Time (Typical)</b>	Tr 6ms/Tf 17ms	Tr 8ms/Tf 17ms	Tr 3.5ms/Tf 1.5ms	Tr 3.6ms/Tf 1.4ms	5ms
<b>Video interface</b>	VGAX1, DVIx1, Compositex3, RS232x1, USBx1	VGAX1, DVIx1, Compositex3, RS232x1, USBx1	VGAX2, DVIx2, Compositex3, RS232x1, USBx1	VGAX2, DVIx2, Compositex3, RS232x1, USBx1	VGAX2, DVIx2, Compositex3, RS232x1
<b>Input power</b>	DC input 9~36V	DC input 9~36V	DC input 9~36V	DC input 9~36V	DC input 9~36V
<b>Power consumption</b>	24w	40.8w	50w	55w	26w
<b>Dimensions (mm)</b>	297.2x256x56	352.8x303.3x56.4	384x348.1x57.8	421.9x375.5x56.8	525.8x345.2x56.4
<b>Weight (Net)</b>	2.5kg	3.5kg	4.5kg	5.5kg	5.5kg

## IP65 Sunlight Readable Marine Display: Ordering Information

Part Number	Description
NPD (screen size) - EGAW - J01	12.1"–21.5", 1000nits, SXGA, AR glass. LID19B02, AD5827, WP, AOT, V01
NPD (screen size) - EGAW - J011	12.1"–21.5", 1000nits, SXGA, AR glass. LID19B02,AD5827, WP, AOT. with adaptor, V01
NPD (screen size) - ETAW - J01	12.1"–21.5", 1000nits, SXGA, Touch-usb. (Transparency:80%), LID19B02. AD5827, WP, AOT, V01
NPD (screen size) - ETAW - J011	12.1"–21.5", 1000nits, SXGA, Touch-usb. (Transparency:80%), LID19B02. AD5827, WP, AOT, with adaptor V01

## IP65 Sunlight Readable Marine Display: Optional Accessories

Part Number	Description
980000300010	Set, Other, CD for User, Menu & Touch driver (NPD series)
810650005110	Cable, Power, DC, 5000mm, Terminal to open, 14AWG*2C+BRA.ID, Cool Gray 7C, PVC Jacket, P
810130001000	Cable, VGA, 3000mm, D-SUB15P Male Blue to D-SUB 15P Male Blue, Black, P
321189155501	Print, Menu, User, NPD. 1555, V0, series, P
321 179195401	Print, Menu, Install, NPD, 1954, V0. Flush mount template, P
112615315401 x (4)	Metal, SPCC, NPS, 1531, Lock, V0, P
214032121101 x (4)	Screw, M4, 32mm, Round, Ni, P
460100002101 x (4)	Fixture, other, MP-4, V0, P
980000560010 (Optional)	Set, Other, Adapter Rework, 60W KPA-060F with Y Type. Terminal, P
810618301090 (Optional)	Cable, Power, AC, 1830mm Europe type