

NPD1954

19" IP65 Sunlight Readable Marine Display

NAVPIXEL NPD1954, 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 NPD1954 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.

Features:

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

Application:

- Marine



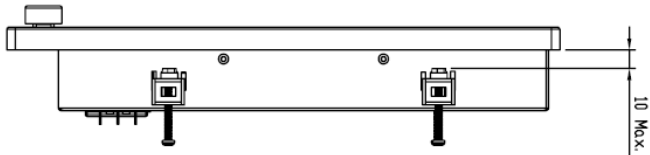
Specifications

V1

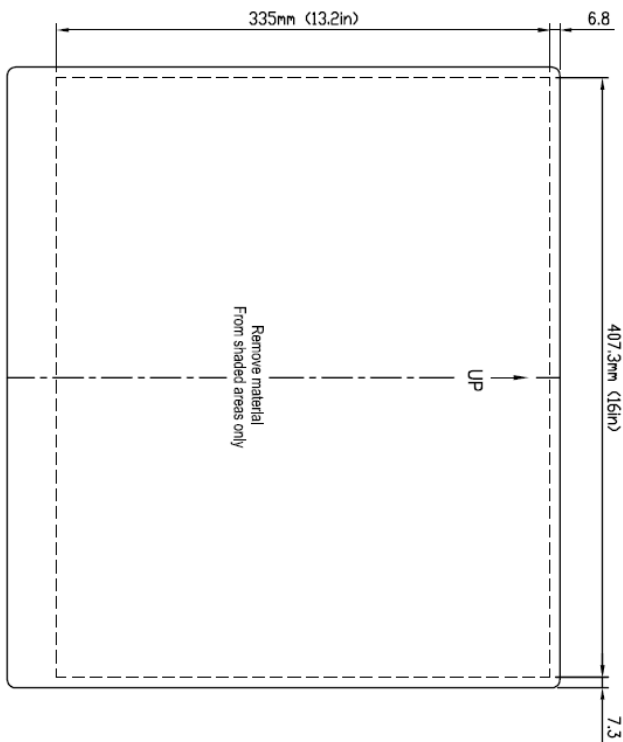
Model Number	NPD1954
Description	19" IP65 Sunlight Readable Marine Display
Backlight	LED Backlight
Active Display Area	376.32 x 301.06mm
Brightness	1000 cd/m ²
Resolution	1280x1024(SXGA)
Contrast Ratio	1000:1
Pixel Pitch (mm)	0.294(H) x 0.294 (V)
Viewing Angle	170 (H), 160(V)
Display Color	16.7M
Response Time	5ms
Inputs	VGAX2, DVIx2, Compositex3, RS232x1, USBx1
PIP Support	3 Stages (child, split & wide screen)
Mechanical	
IP Rating	Facial waterproof to IP65 standards when console mounted.
Construction	Rugged Aluminum Alloy Chassis
Mounting	Panel (Flush) mount, VESA mount
Dimension (mm)	421.9(W)x375.5(H)x56.8(D)
Net Weight	5.5kg
Power	
Voltage	DC Input Voltage: DC 9~36V
Power Consumption	55W
Environmental	
Operating Temperature	-10°C~50°C
Non-Operating Temperature	-20°C~70°C
Certification	CE / FCC
Marine Type Approval	BV Rule IACES-E10 certification, comply with IEC 60945

Specifications are subject to change without notice.

All brands or product names are trademarks or registered trademarks of their respective companies.



Side View



NPD1954 Flush Mount Template

Back View

REV	ECN NO.	DESCRIPTION	SIGN	DATE
-				

APPROVED	CHECKED	DESIGNED	LEVEL	General tolerance ±	SELECT	MATERIAL	CRITICAL DIMENSION
		Jetty	DIM.	1	2	3	SPC DIMENSION
			0 - 4	0.1	0.1	0.15	
			4 - 14	0.15	0.2	0.15	
			14 - 50	0.2	0.25	0.25	
			50 - 100	0.25	0.3	0.3	
			100 - 250	0.3	0.4	0.4	
			250 - 500	0.4	0.5	0.5	
			500 - 1000	0.5	0.6	0.6	

UNIT	SCALE	WEIGHT	INLET GENERAL TOLERANCE	3rd Angle	ORIGINAL MODEL
mm	1:6	—	—		NPD1954
TITLE					
DRAWING NO. PART NO.					
Cutout Dimension					
DESCRIPTION					
NavPixel					
Lithflex Electronic Inc.					
SIZE: A4					
SHEET: 2-2					
REV: V1					



Ordering Information

Part Number	Description
NPD1954-EGAW-J01	19",1000nits,SXGA,AR glass.LID19B02,AD5827,WP,AOT,V01
NPD1954-EGAW-J011	19",1000nits,SXGA,AR glass.LID19B02,AD5827,WP,AOT.with adaptor,V01
NPD1954-ETAW-J01	19",1000nits,SXGA,Touch-usb.(Transparency:80%),LID19B02.AD5827,WP,AOT,V01
NPD1954-ETAW-J011	19",1000nits,SXGA,Touch-usb.(Transparency:80%),LID19B02.AD5827,WP,AOT,with adaptor.V01

Optional Accessories

Part Number	Description
980000300010	SET,OTHER,CD for User. Menu & Touch driver(NPD series)
810650005110	CABLE,POWER,DC,5000mm,TER.MINAL 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
321179195401	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
810618301010 (Optional)	CABLE.POWER.AC.1830mm USA type
810618301090 (Optional)	CABLE.POWER.AC,1830mm Europe type
810618301050 (Optional)	CABLE.POWER.AC.1830mm UK type
810618301170 (Optional)	CABLE.POWER.AC,1830mm Australia type
810618301030 (Optional)	CABLE.POWER.AC.1830mm Japan type