

NPD2118

21.5" IP65 Sunlight Readable Multi-Touch Marine Display

NAVPIXEL NPD2118, 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 NPD2118 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:

- 1600 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
- Projected Capacitive Multi-Touch Support
- IP65 Facial Waterproof
- Isolation Power 9-36V DC Input

Application:

- Marine



Specifications

V1

Model Number	NPD2118
Description	21.5" IP65 Sunlight Readable Multi-Touch Marine Display
Backlight	LED Backlight
Active Display Area	476.64 x 268.11mm
Brightness	1600 cd/m ²
Resolution	1920x1080 (FHD)
Contrast Ratio	1100:1
Pixel Pitch (mm)	0.248(H) x 0.248 (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)	557.6(W) x 383.2(H) x 56.9(D)
Net Weight	6kg
Power	
Voltage	DC Input Voltage: DC 9~36V
Power Consumption	47W
Environmental	
Operating Temperature	-10°C~50°C
Non-Operating Temperature	-20°C~70°C
Certification	Designed to meet CE / FCC Class A
Marine Type Approval	Designed to meet CE/FCC & BV Marine Approval Pending

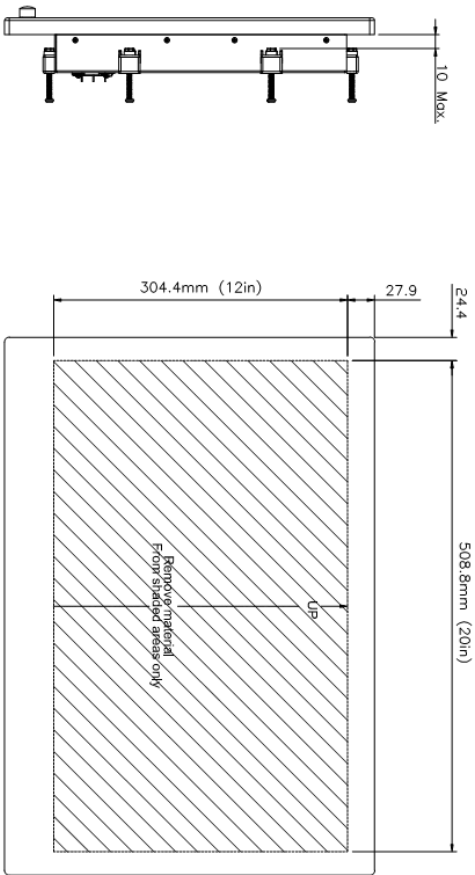
Specifications are subject to change without notice.

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



REV	ECN NO.	DESCRIPTION	SIGN	DATE

NPD2118 Flush Mount Template



Side View

Back View

APPROVED	CHECKED	DESIGNED	Jerry Lo	LEVEL	General tolerance ±	SELECT	MATERIAL	FINISH	DATE	2015/01/16	ORTHOG. DIMENSION	SPEC. DIMENSION
				DIM.	1	2	3					
				0 ~ 14	0.05	0.1	0.2					
				14 ~ 63	0.1	0.3	0.5					
				63 ~ 250	0.2	0.6	1.0					
				250 ~ 630	0.5	1.0	1.5					
				630 ~ 1000	1.0	1.5	2.0					

Dimension

UNIT	SCALE	WEIGHT	ANGLE	GENERAL TOLERANCE	3rd Angle	ORIGINAL WORK
MM	1:1					NPD2118
TITLE						
DRAWING NO./PART NO.						
NPD2118-ETAW-J01						
DESCRIPTION						
21.5" 1600nits.FHD PCT-usb LID218 AD5827 O/F VR WP AOT V01						
LitMax						
Electronic Inc.						
SIZE						
A4						
SHT						
2-2						
REV						
V1						



Ordering Information

Part Number	Description
NPD2118-ETAW-J01	21.5",1600nits,FHD,PCT-usb(T=90%),LID21B,AD5827,O/F,VR,WP,AOT,V1

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
321179211801	Print,Menu,Install,NPD,2118,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