



## NPD2706 27" FHD IP65 Sunlight Readable Multi-Touch Marine Display

NAVPIXEL NPD2706, 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 NPD2706 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:

- 1200 nits Sunlight Readable LCD
- Long Life, Low Power Consumption LED Backlight
- Rotary and push knob (OSD MENU)
- Wide Operating Temperature
- Advanced Optical Bonding (AOT)
- High Shock & Vibration Resistance
- Projected Capacitive Multi-Touch Support
- Full Flat Design
- IP65 Facial Waterproof
- Isolation Power 9-36V DC Input



### Application:

- Marine

## Specifications

V1

<b>Model Number</b>	<b>NPD2706</b>
<b>Description</b>	<b>27" FHD IP65 Sunlight Readable Multi-Touch Marine Display</b>
<b>Backlight</b>	LED Backlight
<b>Active Display Area</b>	597.6 x 336.15
<b>Brightness</b>	1200 cd/m2
<b>Resolution</b>	1920x1080
<b>Aspect ratio</b>	16 : 9
<b>Contrast Ratio</b>	3600 : 1
<b>Pixel Pitch (mm)</b>	0.311(H) x 0.311(V)
<b>Pixel per inch (PPI)</b>	81
<b>Viewing Angle</b>	178°(H),178°(V)
<b>Display Color</b>	16.7M
<b>Response Time</b>	12ms
<b>Inputs</b>	VGaX1, DVI-Dx1, HDMIx1, DPx1, Compositex1, RS232x1, USBx1
<b>Mechanical</b>	
<b>IP Rating</b>	Facial waterproof to IP65 standards when console mounted.
<b>Construction</b>	Rugged SPCC Chassis
<b>Mounting</b>	Panel (Flush) mount, VESA mount
<b>Dimension (mm)</b>	660(W)x445(H)x67(D)
<b>Net Weight</b>	12.5Kg
<b>Power</b>	
<b>Voltage</b>	DC Input Voltage: DC 9~36V
<b>Power Consumption</b>	62W
<b>Environmental</b>	
<b>Operating Temperature</b>	-10°C~50°C
<b>Non-Operating Temperature</b>	-20°C~70°C
<b>Certification</b>	Designed to meet CE / FCC Class A
<b>Marine Type Approval</b>	

Specifications are subject to change without notice.

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# Mechanical Drawing

## Outline Dimensions

Unit:mm

NOTE:  
O.D : OUTLINE DIMENSION  
B.O : BEZEL OPENING  
A.A : LCD ACTIVE AREA

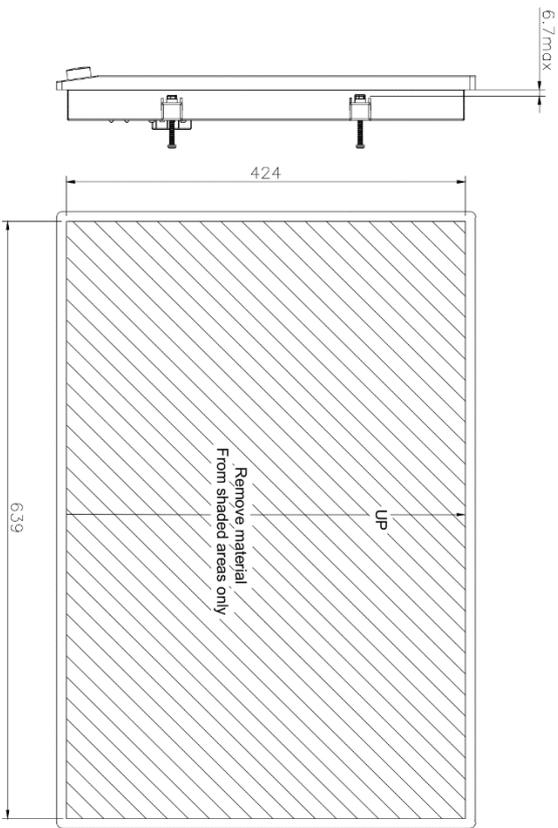
APPROVED	CHECKED	DESIGNED	LEVEL	GENERAL TOLERANCE ±	SELECT	MATERIAL	DATE
			0 - 4	0.05	0.1		
			> 4 - 14	0.05	0.2		
			> 14 - 43	0.1	0.3		
			> 43 - 250	0.2	0.5		
			> 250 - 400	0.3	1.0		
			> 400 - 650	0.5	1.5		

REV	ECN NO	DESCRIPTION	SIGN	DATE

UNIT	SCALE	WEIGHT	ANGLE	GENERAL TOLERANCE	3rd ANGLE	ORIGINAL SHEET
mm						NPD2706
TITLE						
DIM						
DRAWING NO.(PART NO)						
NPD2706-ATA-P01						
DESCRIPTION						
ZT-1200HIS (920X1080)PCT-486(T-90%)LLD27B A02220GHPVR QIF-VR A01V1						
LitMax						
LitMax Electronic Inc.						
SIZE	SM	1-2	REV			
A4			V1			



REV	ECN N.D.	DESCRIPTION	SIGN	DATE



APPROVED	CHECKED	DESIGNED	LEVEL	General tolerance	±	SELECT	MATERIAL	FINISH	ORITICAL DIMENSION	SPC DIMENSION
		Eric Lin	DIM.	T	F	3				
			> 0 - 4	0.05	0.1	0.2				
			> 4 - 14	0.15	0.2	0.3				
			> 14 - 250	0.2	0.6	1.2				
			> 250 - 500	0.3	0.8	2				
			> 500 - 1000	0.5	1.2	3				
			Date							
			2020/08/5							

UNIT	SCALE	WEIGHT	ANGLE	GENERAL TOLERANCE	3rd Angle	ORIGNAL MODEL
MM						
TITLE						
DRAWING NO:PART NO.)						
DESCRIPTION						
27"-1200HIS-1820X-1080-PCT-1480T-90%LUDZ7B-AD22G0DHPVR/OE-VR-AOT-V1						
<b>LiteMax</b>						
LiteMax Electronic Inc.						
SIZE	SH		REV			
A4	2-2		V1			

Dimension



**Ordering Information**

Part Number	Description
NPD2706-ATA-P01	27",1200nits,1920x1080,PCT-usb(T:90%),LID27B,AD8220GDHPVR,O/F,VR,AOT,V1

**Optional Accessories**

Part Number	Description
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
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