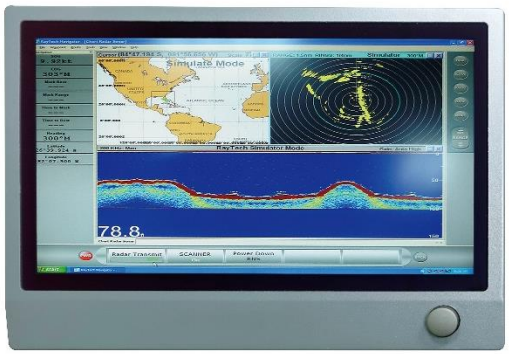
NPD1569
15.6" FHD IP65 Sunlight Readable Multi-Touch Marine Display

NAVPIXEL NPD1569, 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 NPD1569 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:
- 1800 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



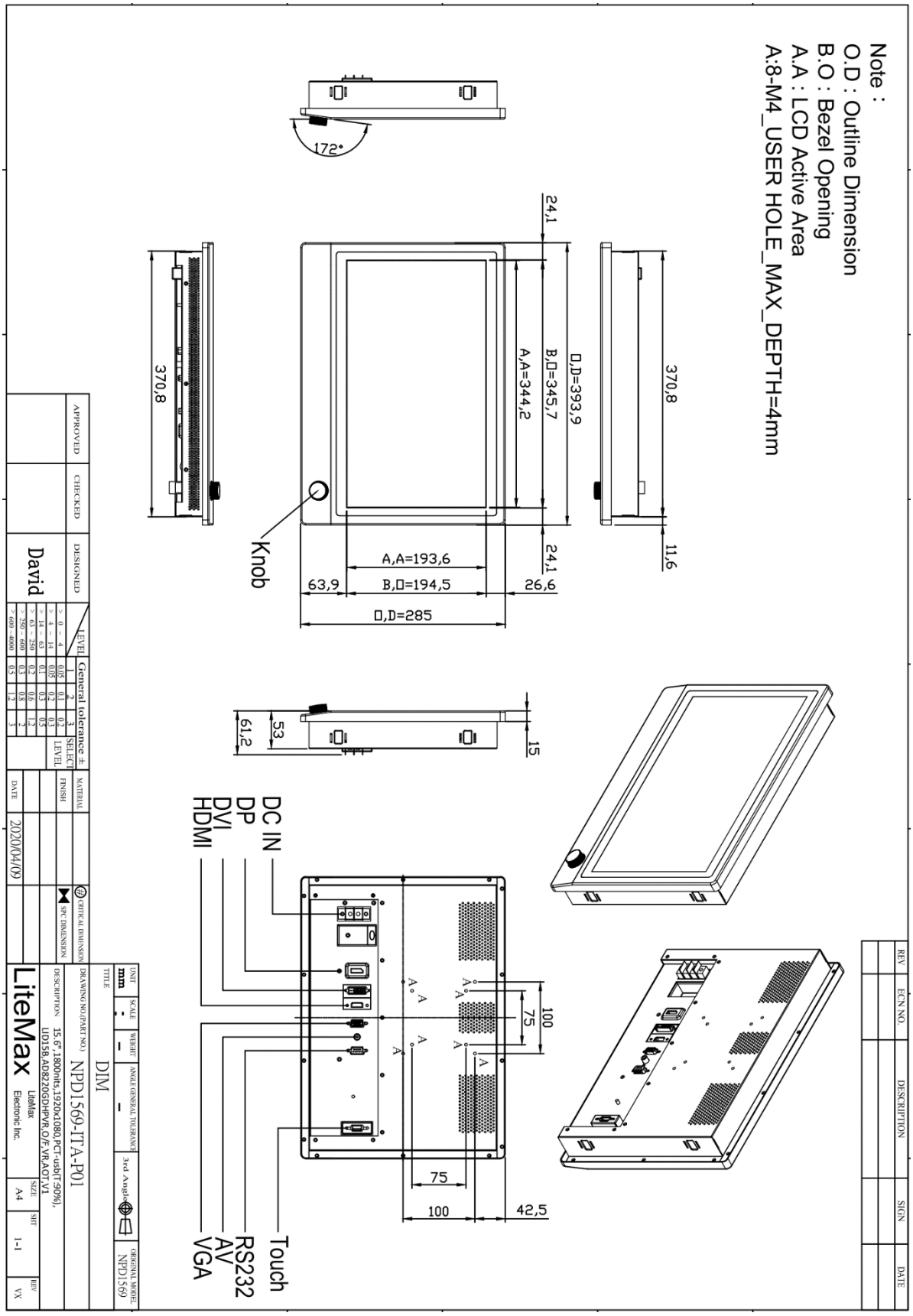
Specifications	V1
Model Number	**NPD1569**
Description	**15.6" FHD IP65 Sunlight Readable Multi-Touch Marine Display**
Backlight	LED Backlight
Active Display Area	344.16 x 193.59mm
Brightness	1800 cd/m^2
Resolution	1920x1080 (FHD)
Aspect ratio	16 : 9
Contrast Ratio	1200:1
Pixel Pitch (mm)	0.17925(H) x 0.17925(V)
Pixel per inch (PPI)	141
Viewing Angle	170°(H),170°(V)
Display Color	16.2M
Response Time	25ms
Inputs	VGAx1, DVI-Dx1, HDMIx1, DPx1, Compositex1, RS232x1, USBx1
Mechanical	
IP Rating	Facial waterproof to IP65 standards when console mounted.
Construction	Rugged SPCC Chassis
Mounting	Panel (Flush) mount, VESA mount
Dimension (mm)	393.9(W)x285(H)x61.2(D)
Net Weight	5.2Kg
Power	
Voltage	DC Input Voltage: DC 9~36V
Power Consumption	32W
Environmental	
Operating Temperature	-30°C~80°C
Non-Operating Temperature	-30°C~85°C
Certification	Designed to meet CE / FCC Class A
Marine Type Approval	

Specifications are subject to change without notice.
All brands or product names are trademarks or registered trademarks of their respective companies.

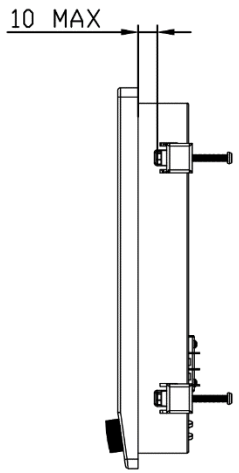
Mechanical Drawing

Outline Dimensions

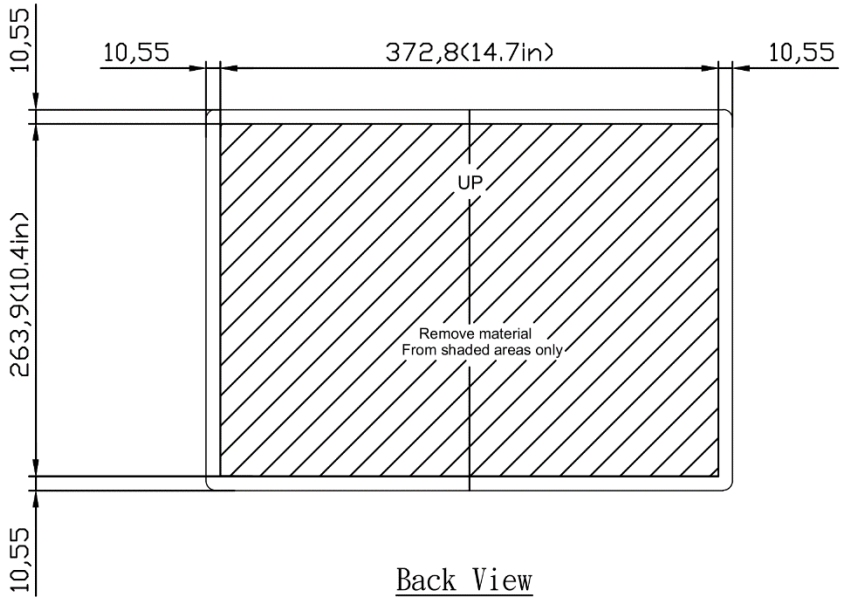
Unit:mm



REV	ECN NO.	DESCRIPTION	SIGN	DATE



Side View



Back View

APPROVED	CHECKED	DESIGNED
		David

LEVEL	General tolerance ± 1	2	3	SELECT LEVEL
> 0 ~ 4	0.05	0.1	0.2	
> 4 ~ 14	0.05	0.2	0.3	
> 14 ~ 63	0.1	0.3	0.5	
> 63 ~ 250	0.2	0.6	1.2	
> 250 ~ 600	0.3	0.8	2	
> 600 ~ 4000	0.5	1.2	3	

MATERIAL		CRITICAL DIMENSION
FINISH		SPC DIMENSION
DATE	2020/04/09	

UNIT	SCALE	WEIGHT	ANGLE GENERAL TOLERANCE	3rd Angle	ORIGINAL MODEL
mm	-	-	-		NPD1569

TITLE: DIM

DRAWING NO.(PART NO.): NPD1569-ITA-P01

DESCRIPTION: 15.6",1800nits,1920x1080,PCT-usb(T:90%), LID15B,AD8220GDHPVR,O/F,VR,AOT,V1

LiteMax — LiteMax Electronic Inc.

SIZE	SHT	REV
A4	1-1	VX

2020/8/31

Ordering Information

Part Number	Description
NPD1569-ITA-P01	15.6",1800nits,1920x1080,PCT-usb(T:90%),LID15B,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
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