



DLF/DLH1968-U

19" TFT LCD, 1600nits LED Backlight, 1280x1024

The DLF/DLH1968-U is a 19 inch industrial grade sunlight readable LCD, with high brightness 1600 nits and high color saturation, it produces sharp images, crisp text and lifelike colors. The Durapixel LED backlight technology ensures high reliability and low power consumption, suitable for outdoor application, kiosk, factory automation, military, transportation and gaming application.

Key Features

- High Brightness 1600 nits
- Sunlight Readable
- Wide Temperature (-30 °C ~ 85 °C)
- Low Power Consumption
- BL MTBF: 100,000 hours



Specifications

Model Name	DLF/DLH1968-U
Description	19" TFT LCD, 1600 nits LED Backlight, 1280x1024
Screen Size	19"
Display Area (mm)	376.32(H) x 301.06(V)
Brightness	1600 cd/m ²
Resolution	1280x1024
Aspect Ratio	5 : 4
Contrast Ratio	1000 : 1
Pixel Pitch (mm)	0.294(H) x 0.294(V)
Pixel Pre Inch (PPI)	86
Viewing Angle	170°(H),160°(V)
Color Saturation (NTSC)	81%
Display Colors	16.7M
Response Time (Typical)	10ms
Panel Interface	LVDS
AD Board Input Interface	VGA, DVI-D, HDMI,
Input Power	DC12V
Power Consumption	36W (39W with AD board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	396.0 x 324.0 x 14.5 mm
Bezel Size(U/B/L/R)	11.475/11.475/9.840/9.840 mm
Weight (Net)	2.4kg
Operating Temperature	-30 °C ~ 85 °C
Storage Temperature	-30 °C ~ 85 °C

DLF= Panel + LED Driving Board

DLH= Panel + LED Driving Board + AD Control Board

Specifications are subject to change without notice.

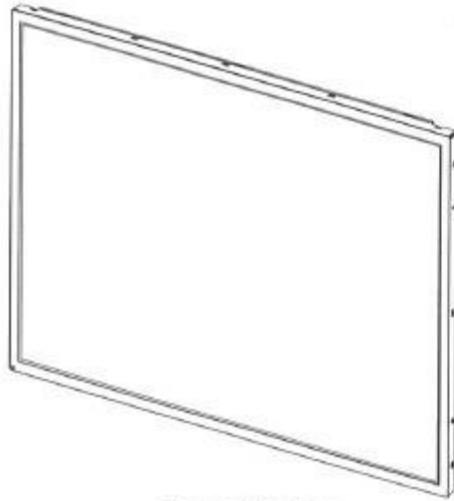
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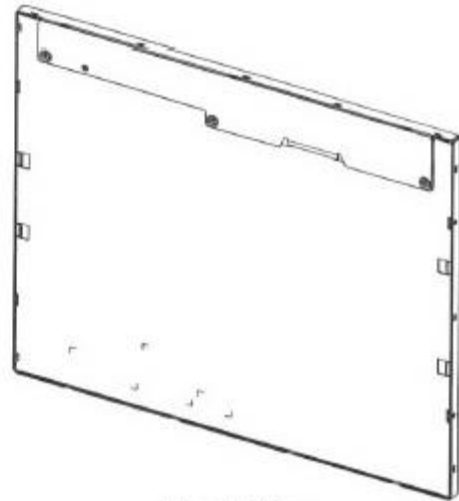
Mechanical Drawing

Outline Dimensions

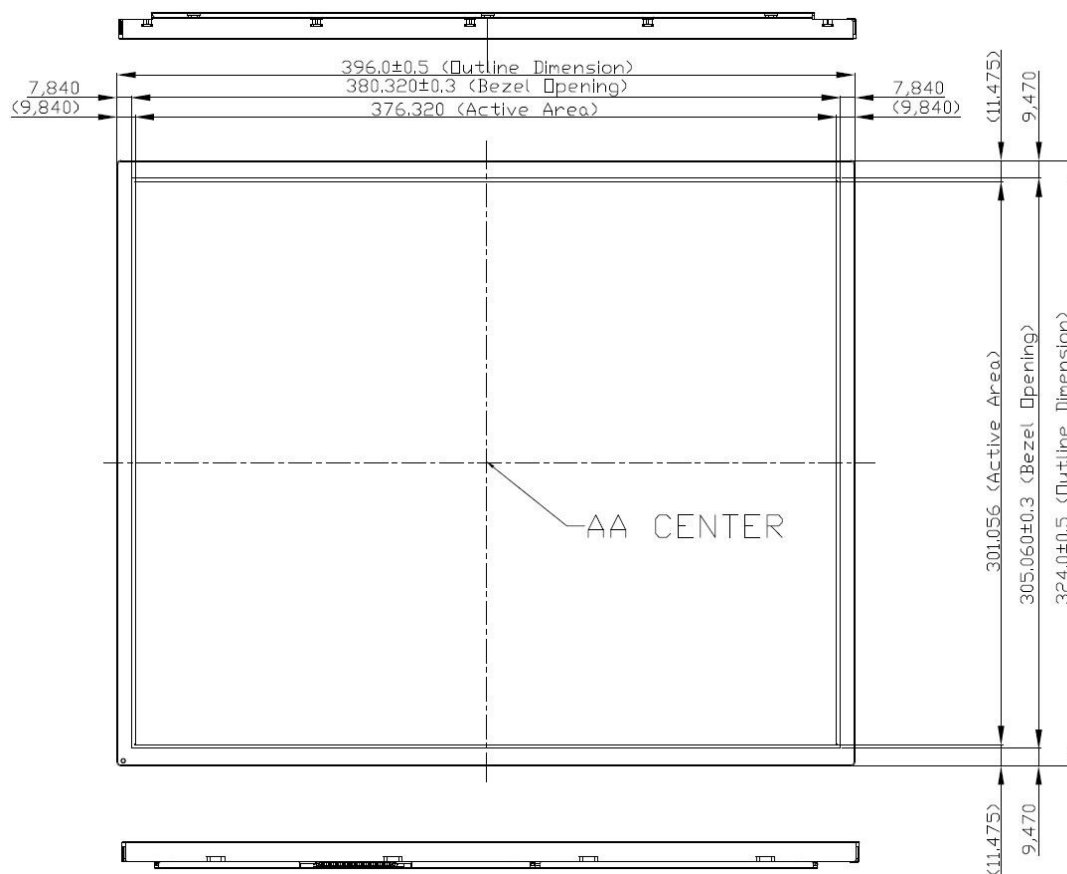
Unit:mm

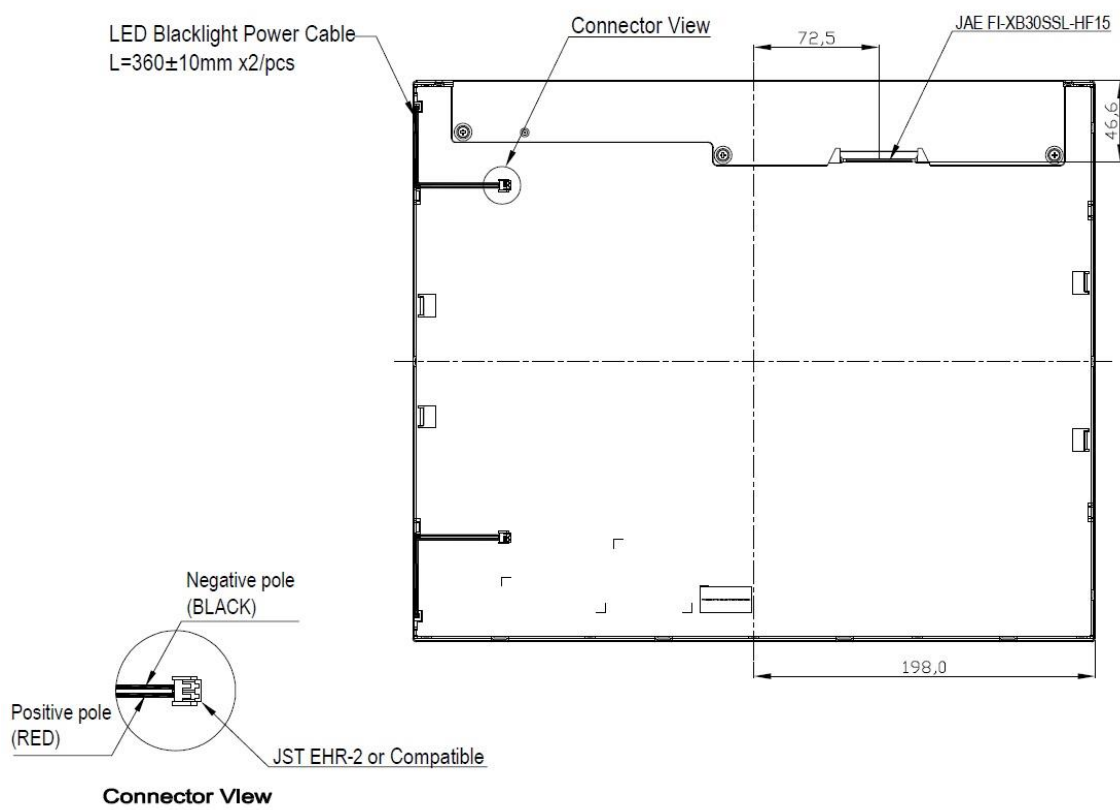
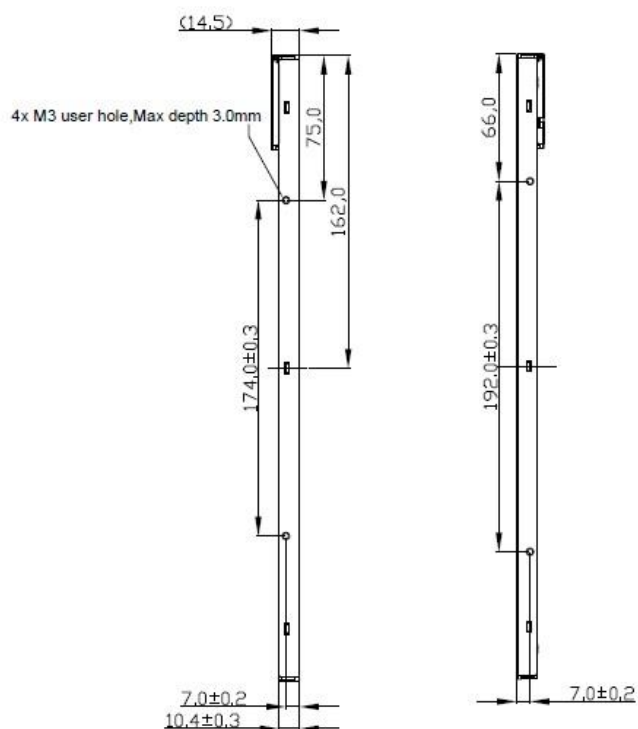


Front View



Back View





Note:

1. THE DIMENSION EXCLUDES DEFORMATION
2. MODULE THICKNESS TO BE 14.5 (MAX)
3. LED B/L CONNECTOR: HD2505 OR COMPATIBLE
4. I/F CONNECTOR TO BE JAE FI-X30HL OR COMPATIBLE
5. M3 USER HOLE SCREW TORQUE 5.0 kgf-cm MAX



Ordering Information

Part Number	Description
DLF1968-UNN-A01	19",1600nits,SXGA,LID19A.w/o boss,WT,V01(5 in 1)
DLF1968-UNN-A02	19",1600nits,1280x1024.LID19B.w/o boss,WT,5in1,V01
DLF1968-UNN-A03	19",1600nits,1280x1024,T3085,LID19C,w/o boss,5in1,V1
DLH1968-UNN-Q01	19",1600nits,1280x1024,T3085.LID19C,AD8891GDH.w/o boss,DC12V,5in1,V1

Optional Accessories

Part Number	Description
840612051212	ADAPTER,AC/DC,12V/5A,60W.Power-Din-4P,CWT.G99-ABF060F-N022.Efficiency-level-6,R
810618301010	CABLE.POWER.AC.1830mm USA type
810618301090	CABLE,POWER,AC,1830mm Europe type
810618301050	CABLE.POWER.AC.1830mm UK type
810618301170	CABLE.POWER,AC,1830mm Australia type
810618301031	CABLE.POWER.AC.1830mm Japan type

Customer request

Touch	Pcap (Multi-Touch)
Glass	Tempered glass, AR coating.....