



DLF1858-T / DLH1858-T V1

18.5" TFT LCD, LED Backlight 1600nits, FHD(1920x1080)

The DLF/DLH1858-T is a 18.5 inch industrial grade sunlight readable LCD, with high brightness 1600 nits and high color saturation, it produce 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 Viewing Angle of 176°(H), 176°(V)
- Wide Temperature (-20°C~70°C)
- Low Power Consumption
- BL MTBF: 100,000 hours



Specifications

Model Name	DLF1858-T / DLH1858-T V1
Description	18.5" TFT LCD, LED Backlight 1600 nits, FHD (1920x1080)
Screen Size	18.5"
Display Area (mm)	408.9(H) x 230(V)
Brightness	1600 cd/m ²
Resolution	1920x1080
Aspect Ratio	16 : 9
Contrast Ratio	1120 : 1
Pixel Pitch (mm)	0.213(H) x 0.213(V)
Pixel Pre Inch (PPI)	119
Viewing Angle	176°(H),176°(V)
Color Saturation (NTSC)	85%
Display Colors	16.7M
Response Time (Typical)	25ms
Panel Interface	LVDS
AD Board Input Interface	VGA, DVI-D, HDMI
AD Board Input Power	DC12V
Power Consumption	35W (40W with AD Board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	430.4 x 254.6 x 13.4
Bezel Size(U/B/L/R)	10.8/10.8/9.2/9.2 mm
Weight (Net)	1.5kg
Operating Temperature	-20 °C ~ 70 °C
Storage Temperature	-30 °C ~ 80 °C

DLF= Panel + LED Driving Board

DLH= Panel + LED Driving Board + AD Control Board

Specifications are subject to change without notice.

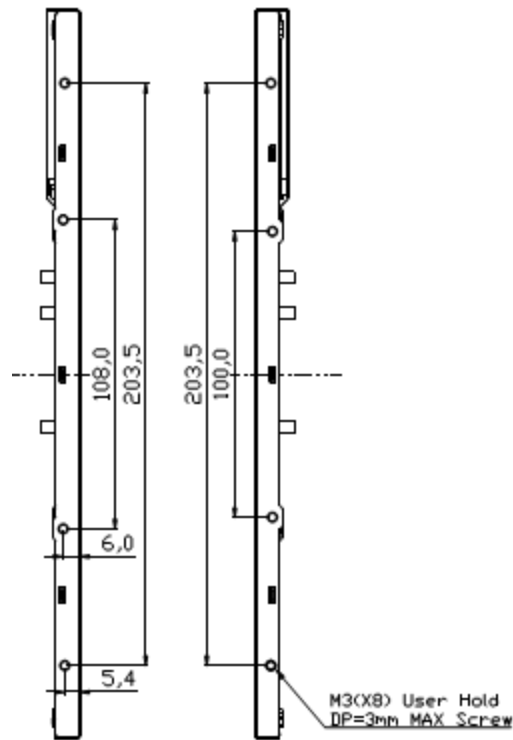
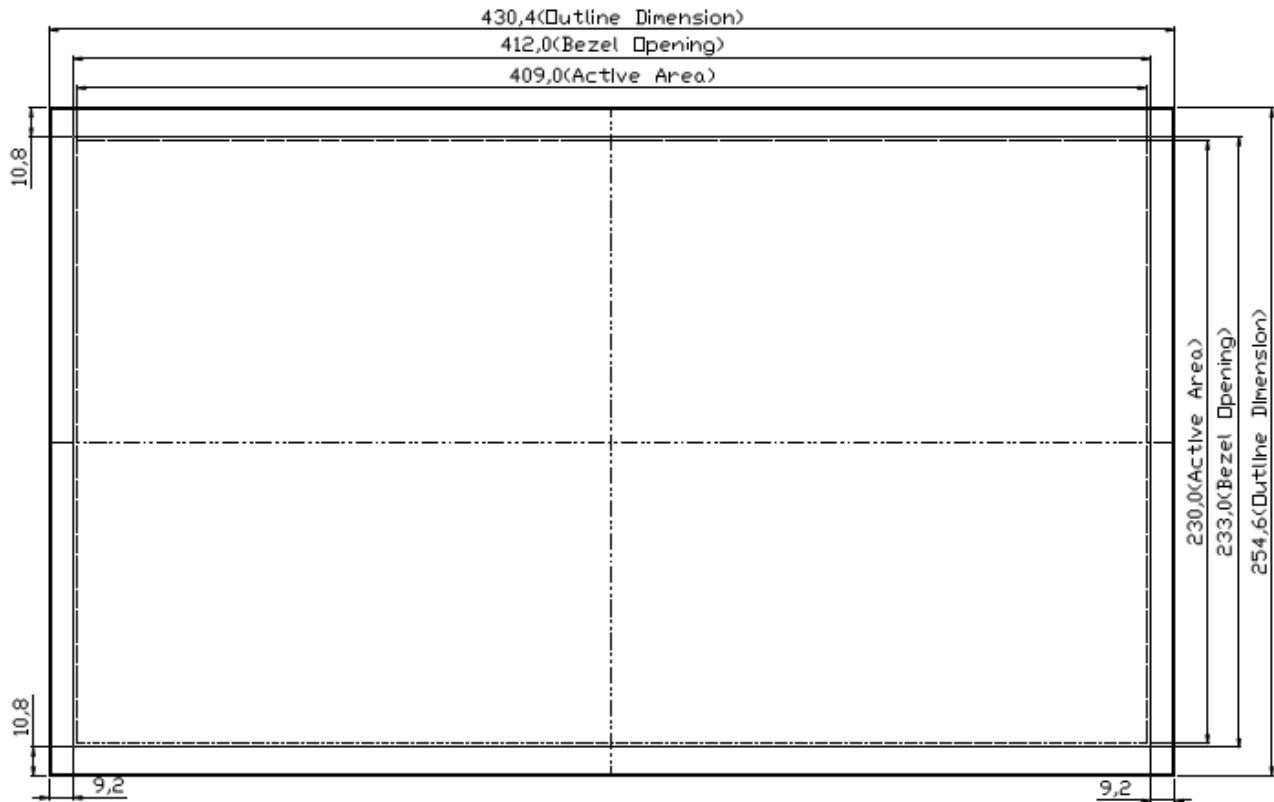
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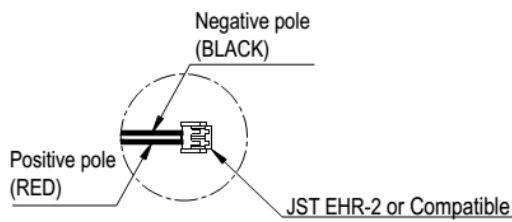
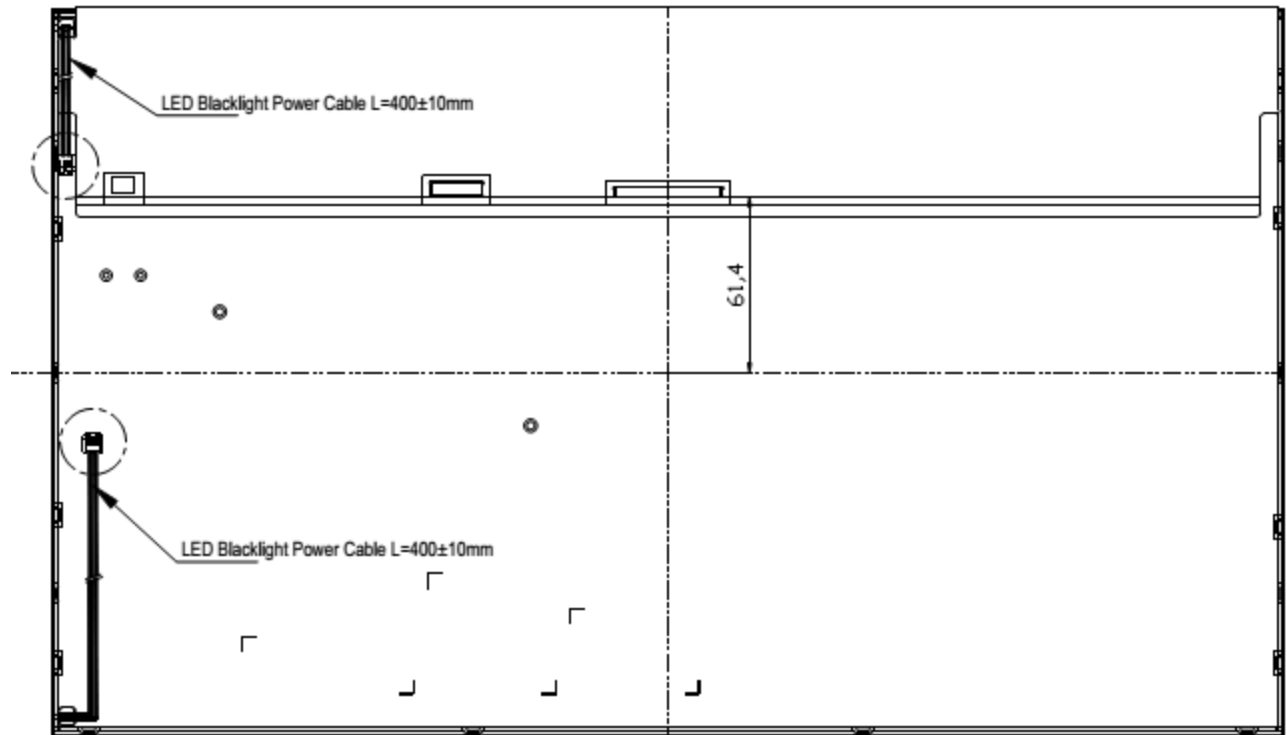
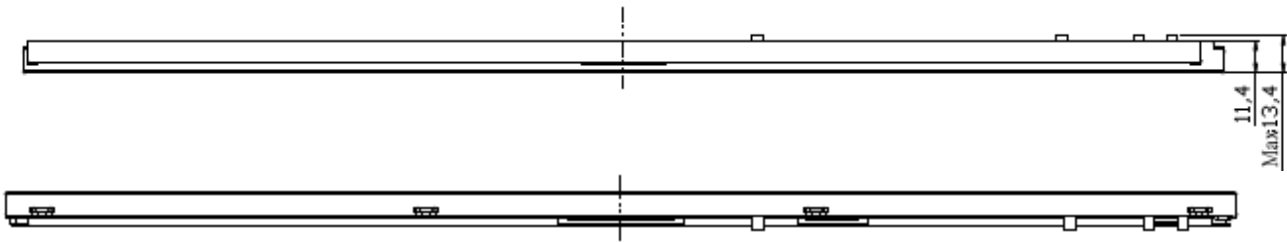


Mechanical Drawing

Outline Dimensions

Unit:mm





Connector View

Note :

1. THE DIMENSION EXCLUDES DEFORMATION.
2. MODULE THICKNESS TO BE MAX.13.4mm(With BSO)
3. I/F CONNECTOR TO BE JAE FI-X30HL OR COMPATIBLE
4. M3 USER HOLE SCREW TORQUE 5.0 kgf- cm MAX.



Ordering Information

Part Number	Description
DLF1858-TNN-A01	18.5",1600nits,FHD,LID18C,5in1,V1
DLH1858-TNN-G01	18.5",1600nits,FHD,LID18C,AD2662GDH,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	SCT (Single-Touch), PCT (Multi-Touch)
Glass	Tempered glass, AR coating.....