



DLF/DLH5501-B

55" TFT LCD, 4000 nits LED Backlight, 3840x2160

The DLF/DLH5501-B is a 55 inch industrial grade sunlight readable LCD, with high brightness 4000 nits, 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 4000 nits
- Sunlight Readable
- RGBW Optical Color Technology
- Wide Viewing Angle of 178°(H), 178°(V)
- LED Backlight
- Low Power Consumption
- LCD Blackening Defect Free (H-Tni 105°C)
- BL MTBF: 100,000 hours



Specifications

Model Name	DLF/DLH5501-B
Description	55" TFT LCD, 4000nits LED Backlight, 3840x2160
Screen Size	55"
Display Area (mm)	1209.6(H) x 680.4(V)
Brightness	4000 cd/m ²
Resolution	3840x2160
Aspect Ratio	16:9
Contrast Ratio	1400:1
Pixel Pitch (mm)	0.315(H) x 0.315 (V)
Pixel Pre Inch (PPI)	80
Viewing Angle	178°(H),178°(V)
Color Saturation (NTSC)	80%
Display Colors	1.07G
Response Time (Typical)	14ms
Panel Interface	V-by-One
Input Interface	HDMI, DP
Input Power	AC100~240V
Power Consumption	255W (258W With AD Board)
OSD Key	5 Keys (Power Switch, Menu, +, -,Exit)
OSD Control	Brightness, Color, Contrast, Auto Tuning, H/V Position...etc
Dimensions (mm)	1236.5(W) x 707.5(H) x 58.6(D)
Bezel Size(U/B/L/R)	13.55/13.55/13.45/13.45 mm
Weight (Net)	18.1kg
Operating Temperature	-20 °C ~ 60 °C
Storage Temperature	-30 °C ~ 80 °C

DLF= Panel + LED Driving Board

DLH= Panel + LED Driving Board + AD Control Board

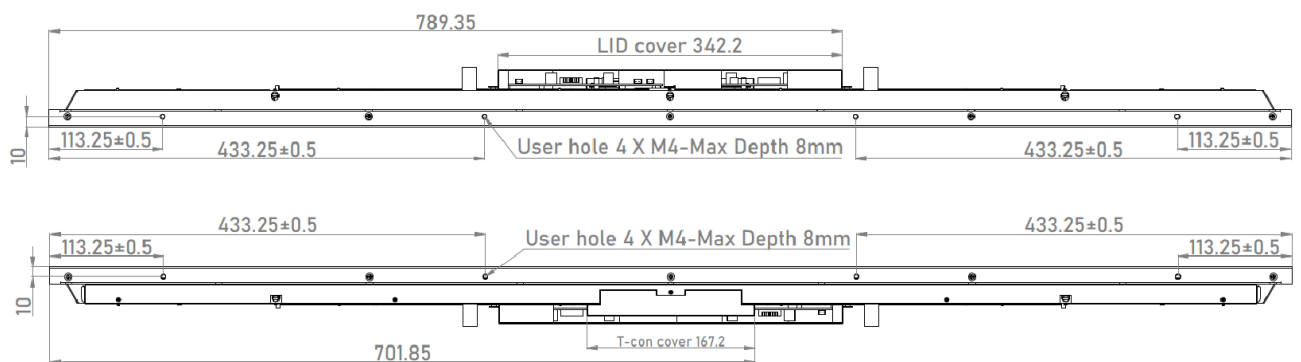
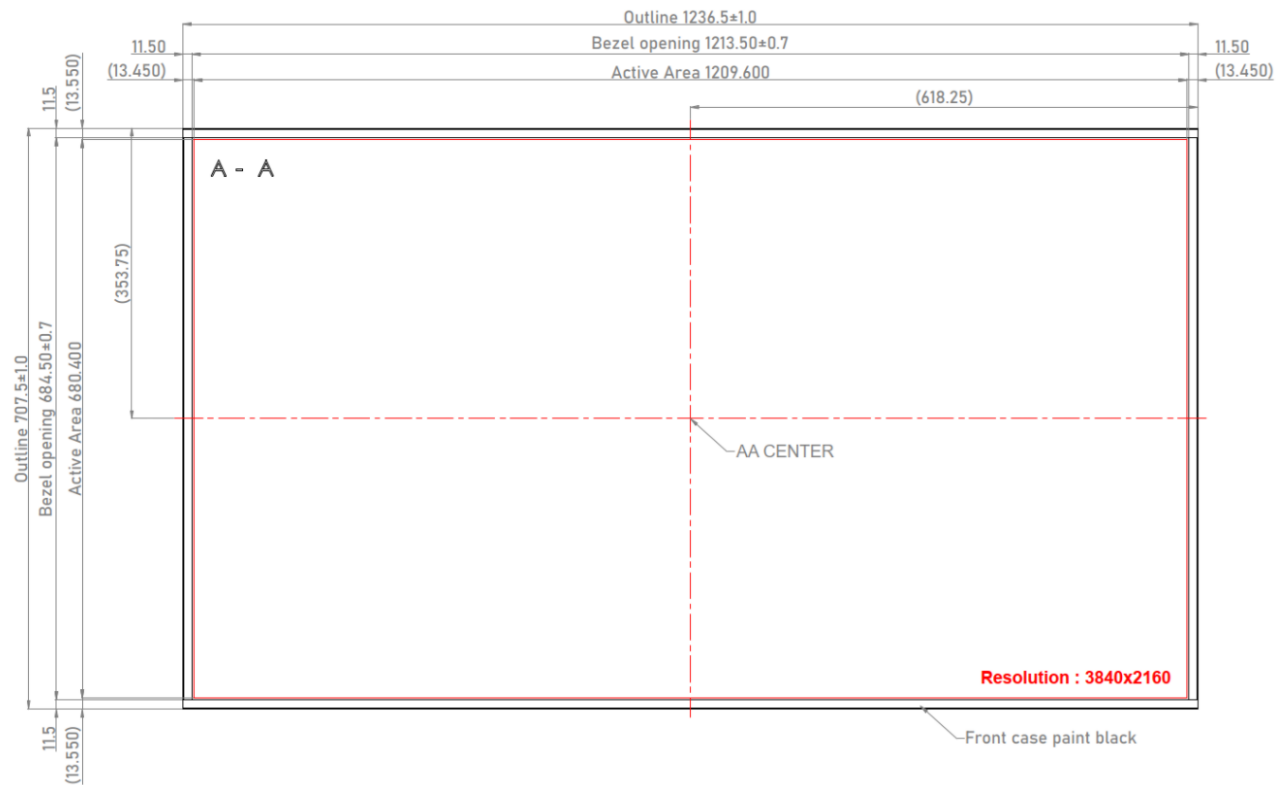


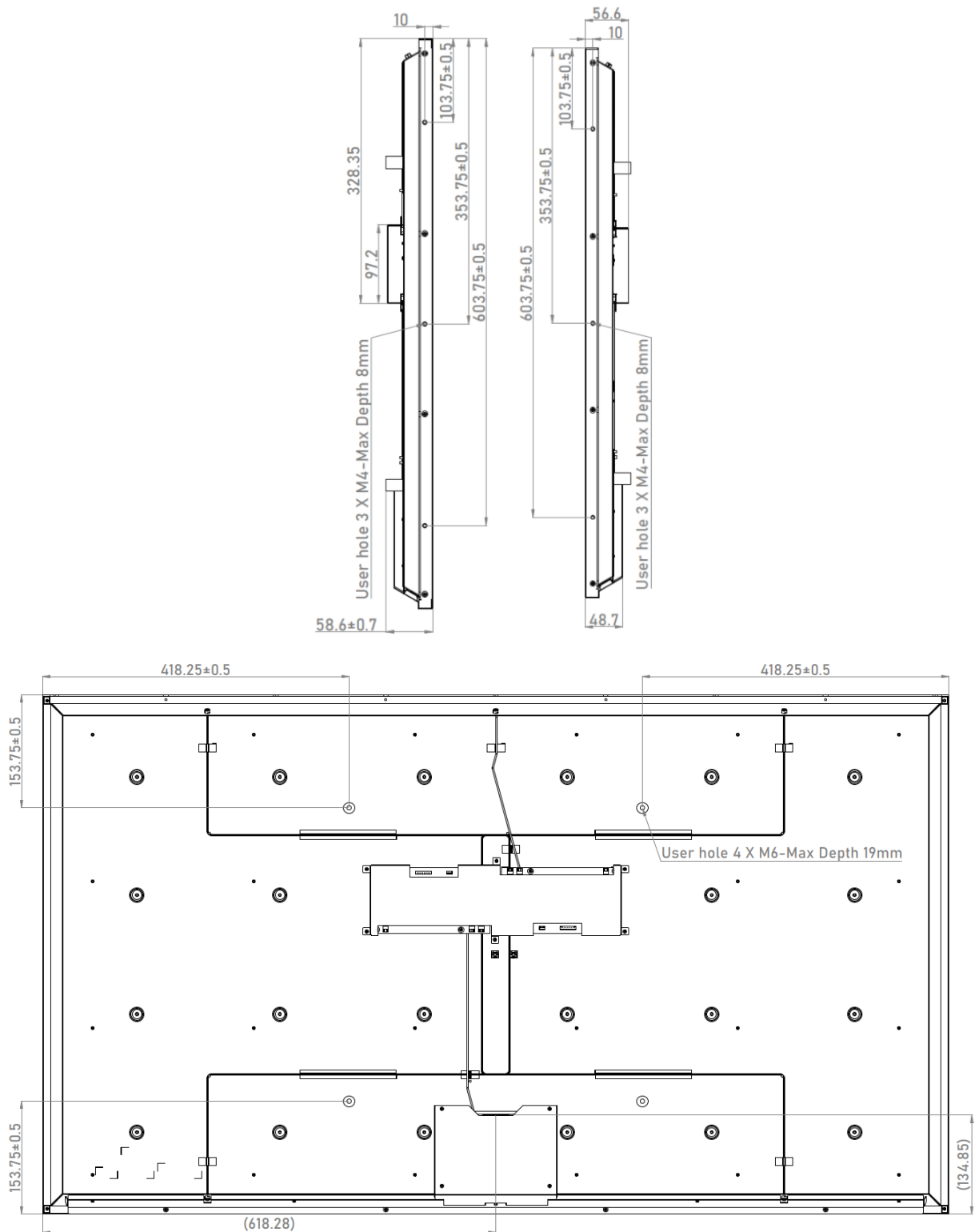
Specifications are subject to change without notice.
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Mechanical Drawing

Outline Dimensions

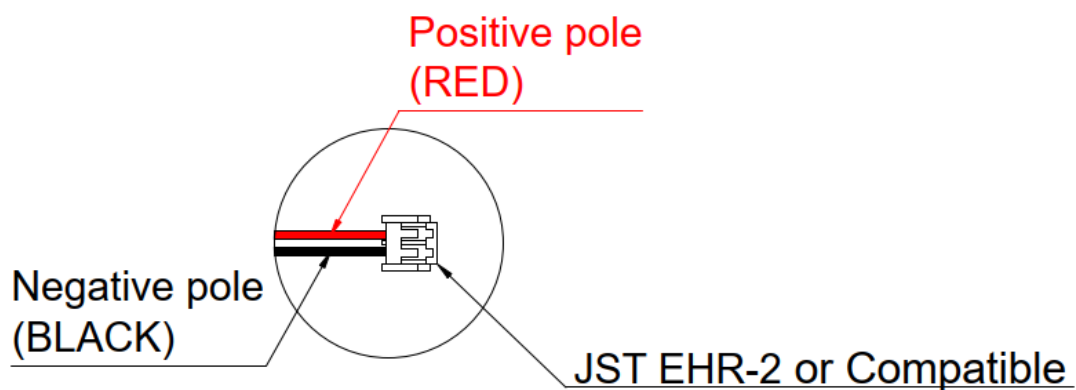
Unit:mm





Note :

- 1." ()" marks the reference dimension.
2. Front Case is black paint.
3. M4 user hole screw torque 6 kgf- cm max.
4. M6 user hole screw torque 25 kgf- cm max.



Connector View

Ordering Information

Part Number	Description
DLF5501-BNU-A11	55",4000nits,3840x2160.HTni,RGBW,LID55C,4in1,V1
DLH5501-BNU-D11	55",4000nits,3840x2160.HTni,RGBW,LID55C.AD9800HP,AC100~240V.4in1,V1

Optional Accessories

Part Number	Description
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	PCT (Multi-Touch)
Glass	Tempered glass, AR coating.....