



DLF/DLH5500-I

55" TFT LCD, 2500 nits LED Backlight, 3840x2160

The DLF/DLH5500-I is a 55 inch industrial grade sunlight readable LCD, with high brightness 2500 nits, 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 2500nits
- Sunlight Readable
- Wide Operation Temperature (-30 °C ~70°C)
- LCD Blackening Defect Free (H-Tni 110 °C)
- Surface Treatment (Haze 25%)
- Low Power Consumption
- BL MTBF: 100,000 hours



Specifications

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|--------------------------------|--|
| Model Name | DLF/DLH5500-I |
| Description | 55" TFT LCD, 2500 nits LED Backlight, 3840x2160 |
| Screen Size | 55" |
| Display Area (mm) | 1209.6(H) x 680.4(V) |
| Brightness | 2500 cd/m ² |
| Resolution | 3840x2160 |
| Aspect Ratio | 16 : 9 |
| Contrast Ratio | 6000:1 |
| Pixel Pitch (mm) | 0.315(H) x 0.315(V) |
| Pixel Per Inch (PPI) | 80 |
| Viewing Angle | 178°(H),178°(V) |
| Color Saturation (NTSC) | 83% |
| Display Colors | 1.07G |
| Response Time (Typical) | 9.5ms |
| Panel Interface | V-by-One |
| Input Interface | DVI-I, HDMI, DP |
| Input Power | AC100~240V |
| Power Consumption | 277W (280W With AD Board) |
| OSD Key | 5 Keys (Power Switch, Menu, +, -, Exit) |
| OSD Control | Brightness, Color, Contrast, Auto Turing, H/V Position...etc |
| Dimensions (mm) | 1236.5 x 707.5 x 58.6 mm |
| Bezel Size(U/B/L/R) | 13.55/13.55/13.45/13.45 mm |
| Weight (Net) | 18.5kg |
| Operating Temperature | -30 °C ~ 70 °C |
| Storage Temperature | -30 °C ~ 70 °C |

DLF= Panel + LED Driving Board

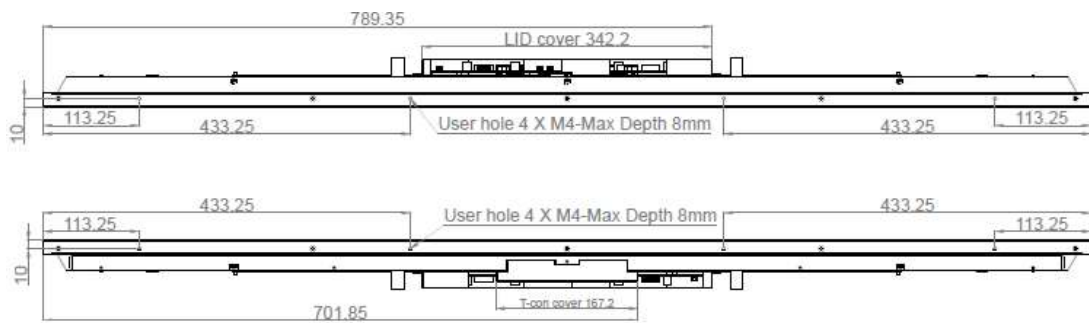
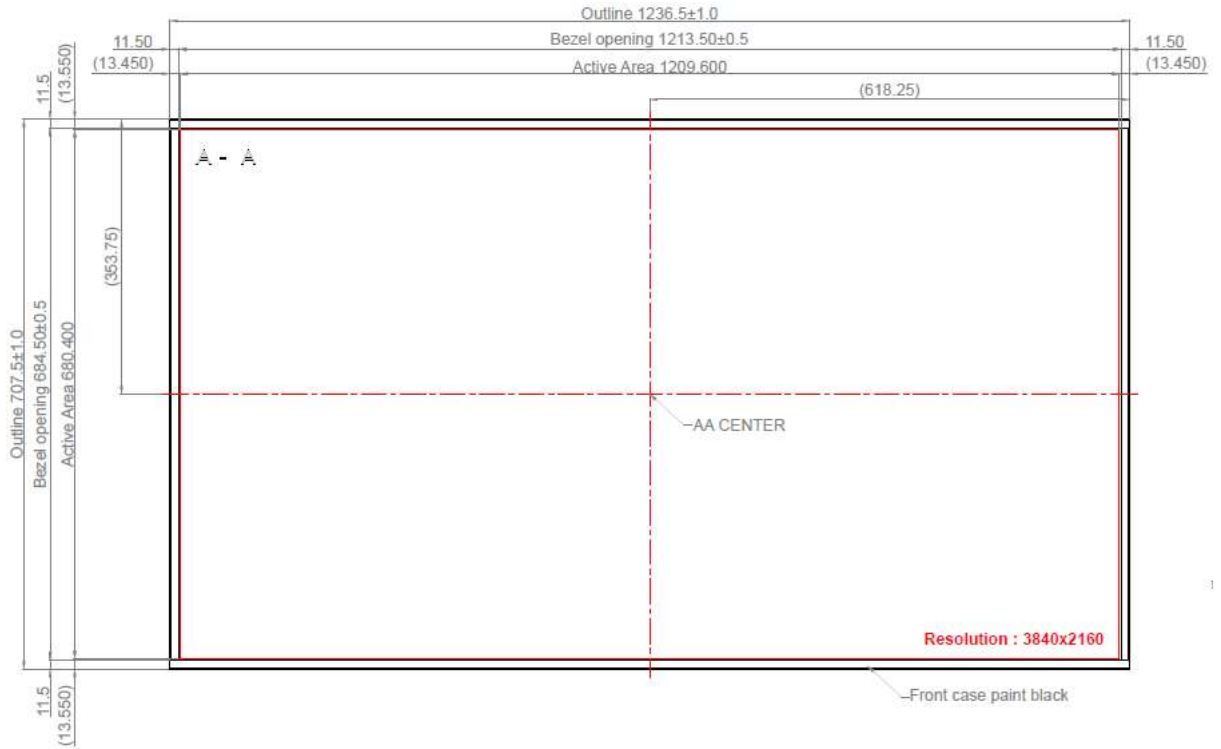
DLH= Panel + LED Driving Board + AD Control Board

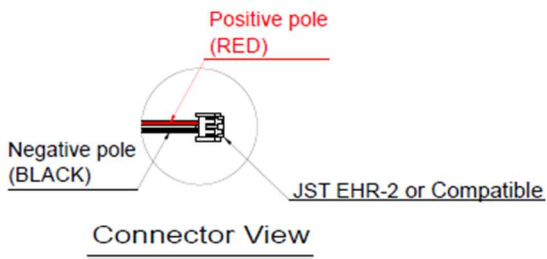
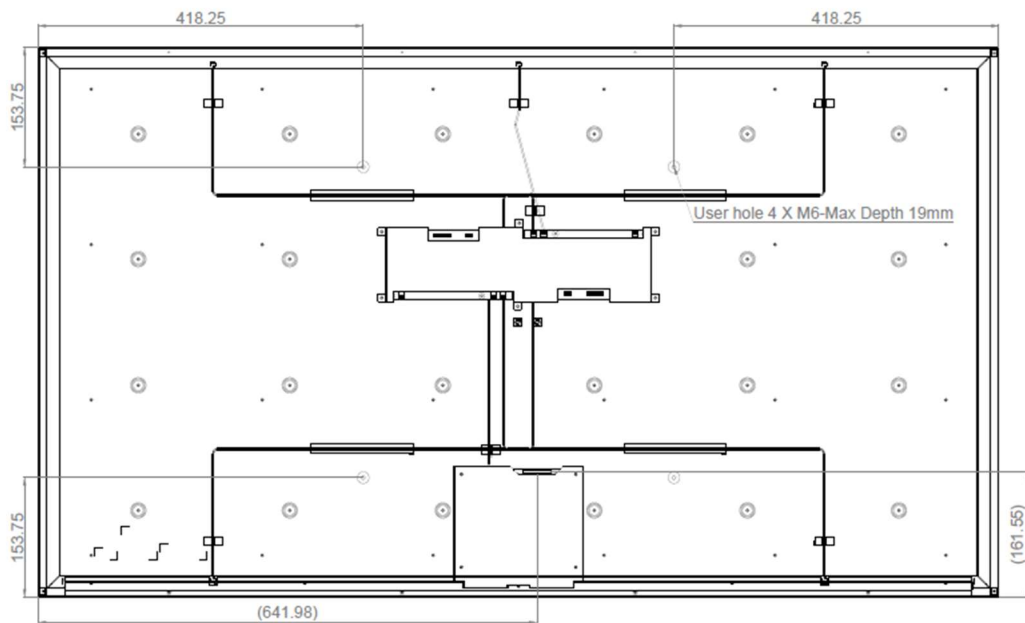
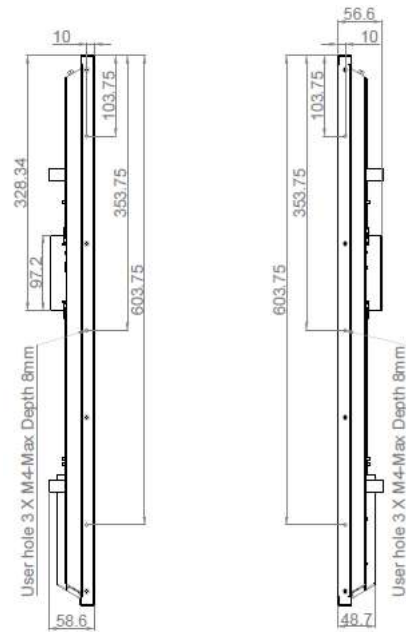


Mechanical Drawing

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.



Ordering Information

| Part Number | Description |
|------------------------|---|
| DLF5500-INU-A11 | 55",2500nits,3840x2160,T3070,HTni,Haze25%,LID55C,4in1,V1 |
| DLH5500-INU-M11 | 55",2500nits,3840x2160,T3070,HTni,Haze25%,LID55C,AD9131DHP,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

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