



DLF/DLH0848-A V1

8.4" TFT LCD, LED Backlight 1600nits, 800x600

The [DLF/DLH0848-A V1](#) is a 8.4 inch industrial grade sunlight readable LCD, with high brightness 1600 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 1600 nits
- Sunlight Readable
- LED Backlight
- Low Power Consumption
- Wide Temperature (-30 °C ~ 80 °C)
- BL MTBF: 100,000 hours



Specifications

Model Name	DLF/DLH0848-A V1
Description	8.4" TFT LCD, LED Backlight 1600 nits, 800x600
Screen Size	8.4"
Display Area (mm)	170.400(H) x 127.800(V)
Brightness	1600 cd/m ²
Resolution	800x600
Aspect Ratio	4:3
Contrast Ratio	690 : 1
Pixel Pitch (mm)	0.213(H) x 0.213(V)
Pixel Pre Inch (PPI)	119
Viewing Angle	160°(H), 140°(V)
Color Saturation (NTSC)	58%
Display Colors	16.2M
Response Time (Typical)	30ms
Panel Interface	LVDS
AD Board Input Interface	VGA, DVI-D, HDMI
AD Board Input Power	DC12V
Power Consumption	6W (8W with AD board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	202.60(H) x 148.82(V) x 13.07(T)
Bezel Size(U/B/L/R)	10.520/10.500/19.970/12.750 mm
Weight (Net)	0.4kg
Operating Temperature	-30 °C ~ 80 °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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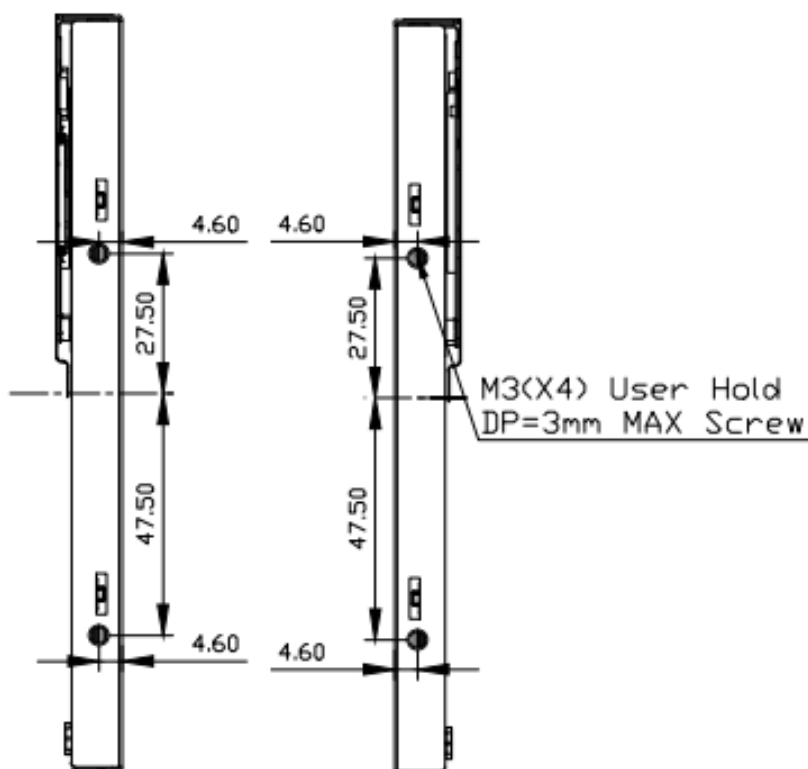
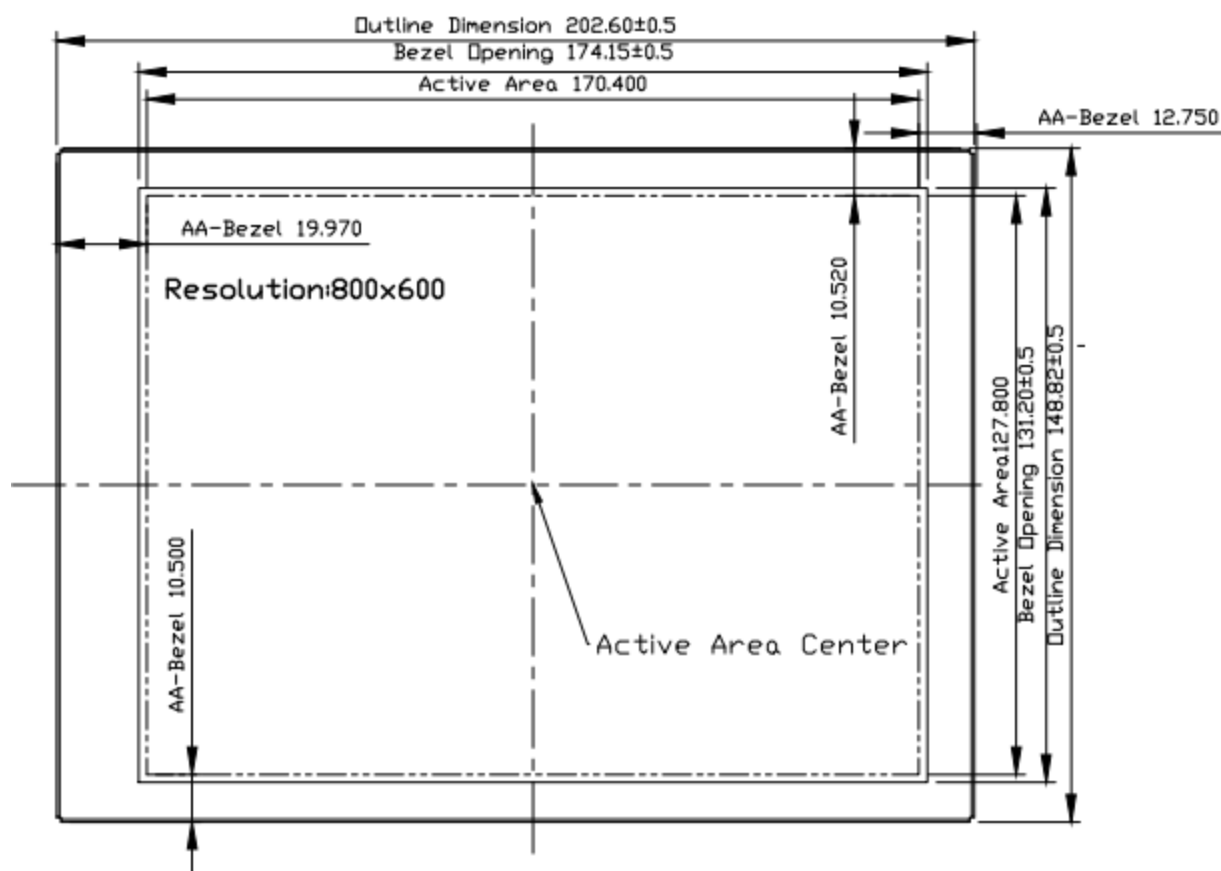


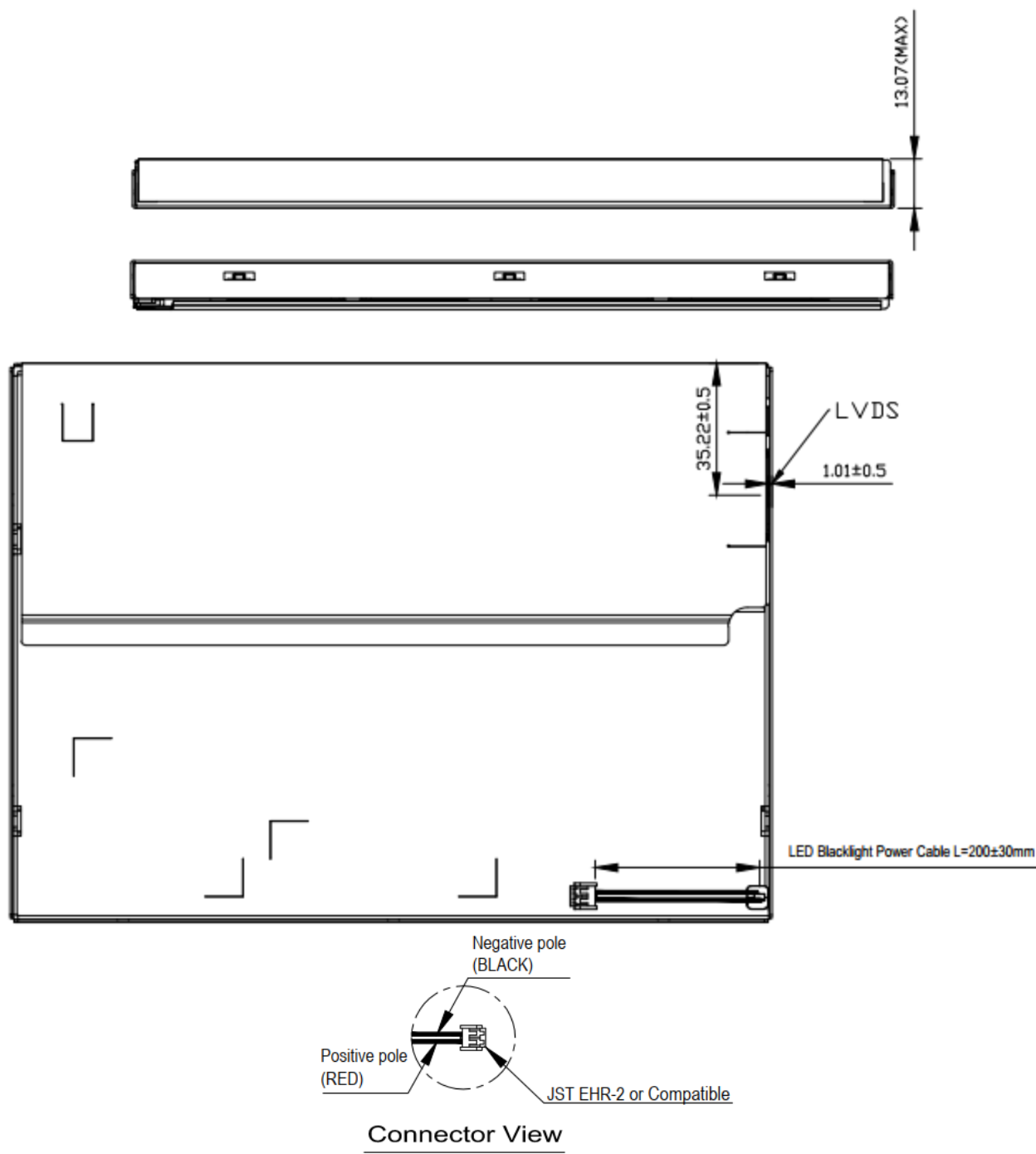


Mechanical Drawing

Outline Dimensions

Unit:mm





Note :

1. THE DIMENSION EXCLUDES DEFORMATION.
2. MODULE THICKNESS TO BE MAX.15mm(with fixed glue)
3. LVDS CONNECTOR TO BE STM-MSB24013P20HA, Hirose-DF19LA-20P-1H OR COMPATIBLE
4. M3 USER HOLE SCREW TORQUE 5.0 kgf- cm MAX.





Ordering Information

Part Number	Description
DLF0848-ANN-A01	8.4",1600nits,800x600,LID08C,DC12V,5in1,V1
DLH0848-ANN-Q01	8.4",1600nits,800x600,AD8891GDH w/LID,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.....

