



ULF/ULH1853-A 18.5" TFT LCD, 500 nits LED Backlight, 1920x1080

The ULF/ULH1853-A is a 18.5 inch industrial grade sunlight Readable LCD, with high brightness 500 nits, it produce sharp images, crisp text and lifelike colors. The Ubipixel 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 500 nits
- Sunlight Readable
- LED Backlight
- Wide Temperature (-20 °C ~70 °C)
- Low Power Consumption
- BL MTBF: 50,000 hours



Specifications

Model Name	ULF/ULH1853-A
Description	18.5" TFT LCD, 500 nits LED Backlight, 1920x1080
Screen Size	18.5"
Display Area (mm)	408.960(H) x 230.040(V)
Brightness	500 cd/m ²
Resolution	1920x1080
Aspect Ratio	16 : 9
Contrast Ratio	1100 : 1
Pixel Pitch (mm)	0.213(H) x 0.213(V)
Pixel Per Inch (PPI)	119
Viewing Angle	178°(H),178°(V)
Color Saturation (NTSC)	84%
Display Colors	16.7M
Response Time (Typical)	20ms
Panel Interface	LVDS
Input Interface	VGA, DVI-D, HDMI
Input Power	DC12V
Power Consumption	15.2W, (with AD board 21.2W)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	430.40 x 254.79 x 12.00 mm
Bezel Size(U/B/L/R)	12.468/12.280/10.720/10.720 mm
Weight (Net)	1.5Kg
Operating Temperature	-20 °C ~ 70 °C
Storage Temperature	-20 °C ~ 70 °C

ULF= Panel + LED Driving

ULH= Panel + LED Driving + AD Control Board

Specifications are subject to change without notice.

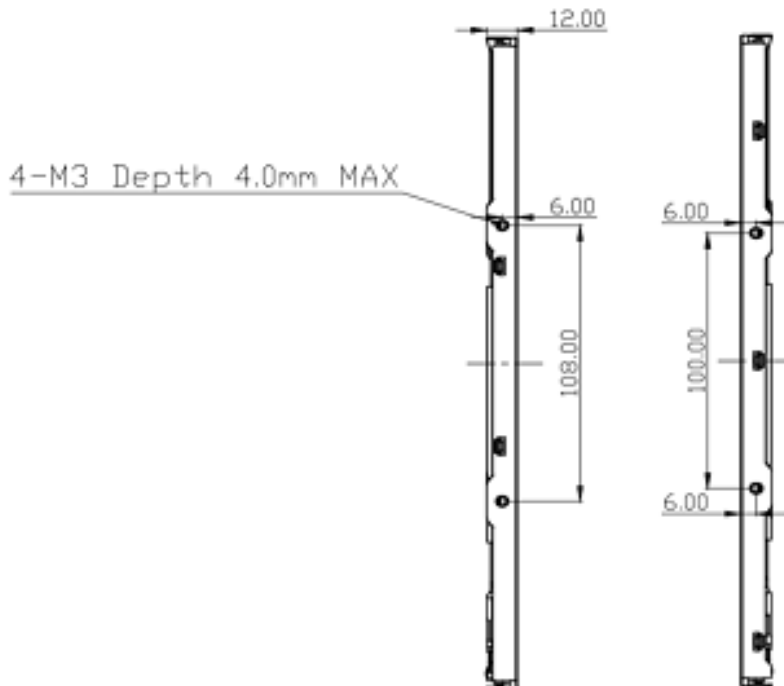
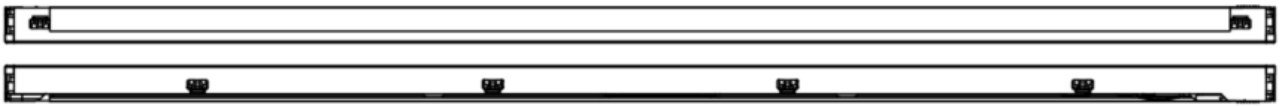
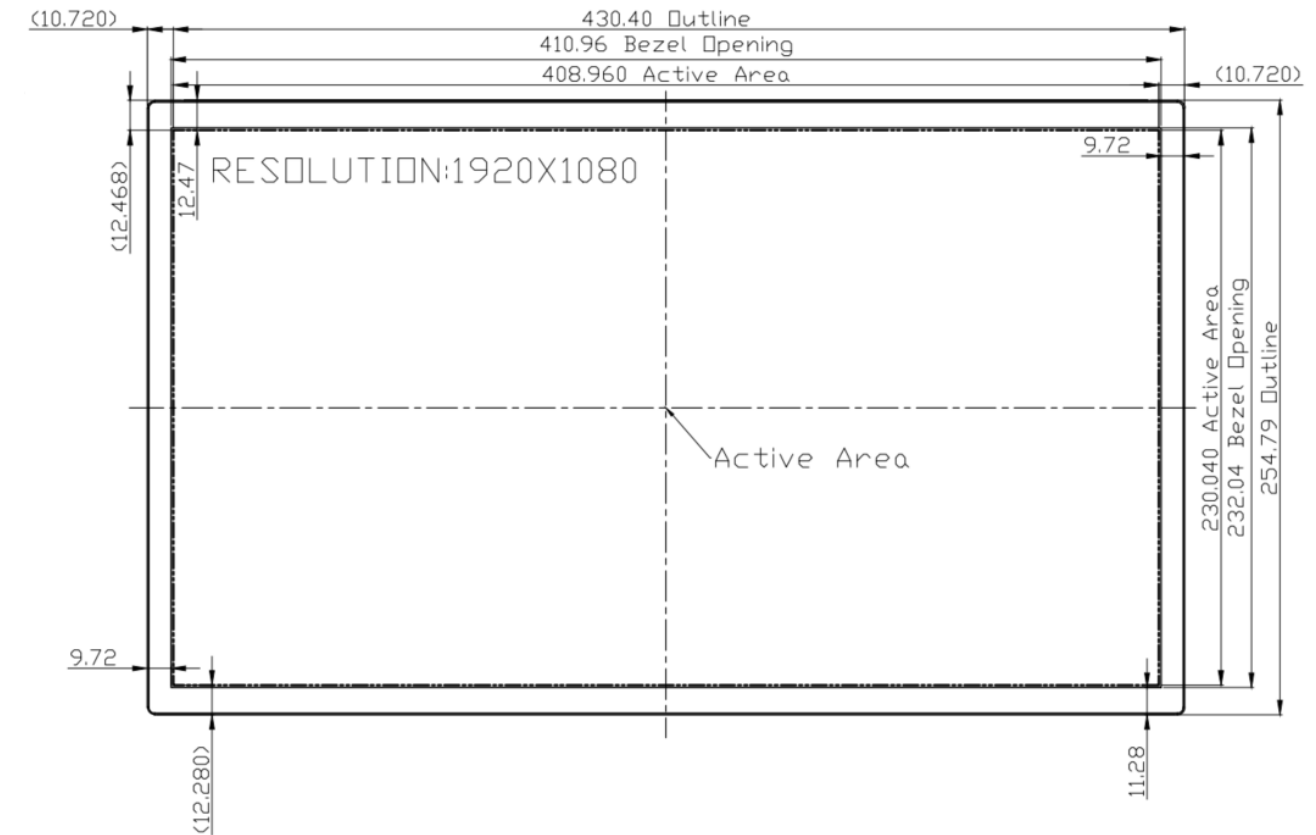
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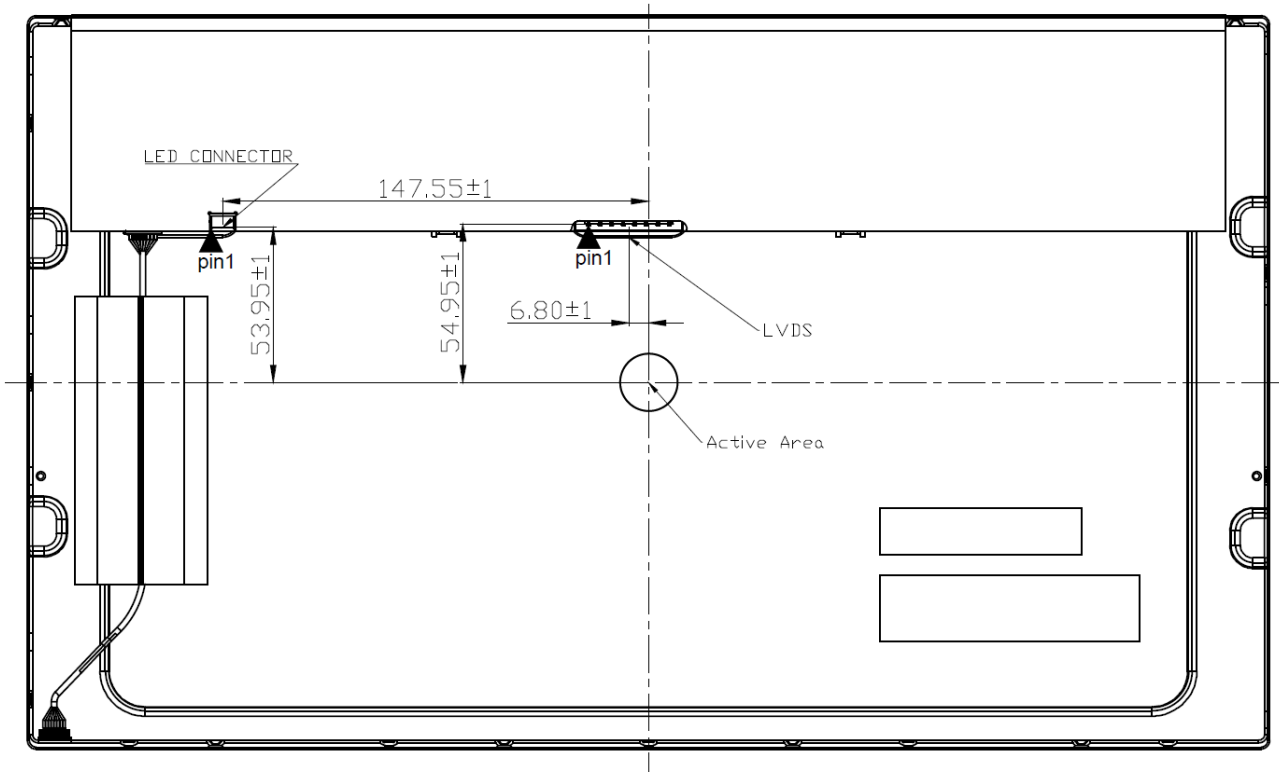


Mechanical Drawing

Outline Dimensions

Unit: mm





Note :

1. THE DIMENSION EXCLUDES DEFORMATION.
2. I/F CONNECTOR TO BE JAE FI-XB30SSRLA-HF-16-R3500 OR COMPATIBLE
- 3.LED CONNECTOR TO BE 3808K-F05N-12R OR COMPATIBLE
4. M3 USER HOLE SCREW TORQUE 4.0 kgf- cm MAX.

Ordering Information

Part Number	Description
ULF1853-AHN-A11	18.5",500 nits,1920x1080,T2070,8in1,V1
ULH1853-AHN-Q11	18.5",500 nits,1920x1080,T2070,AD8891GDH,DC12V,8in1,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.....