



## 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

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

ULF= Panel + LED Driving

ULH= Panel + LED Driving + AD Control Board

*Specifications are subject to change without notice.*

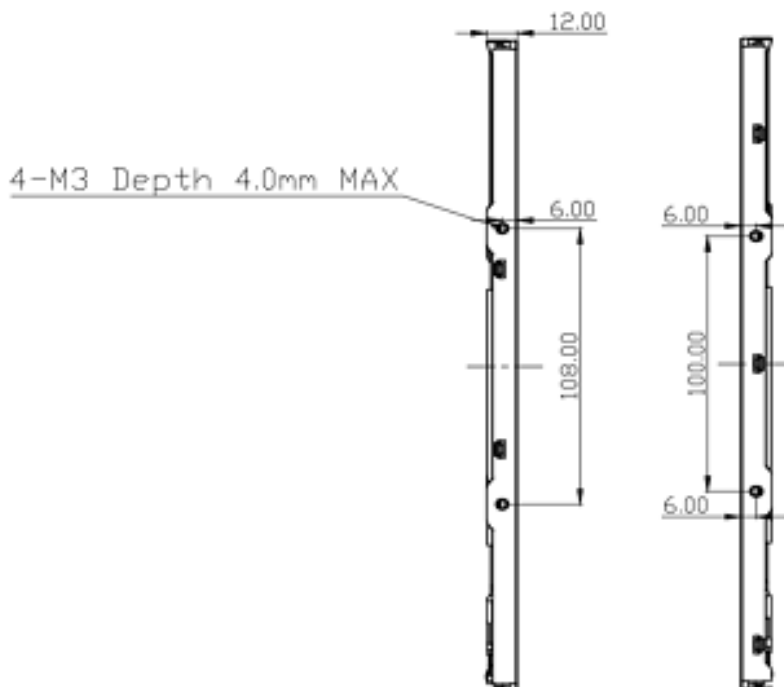
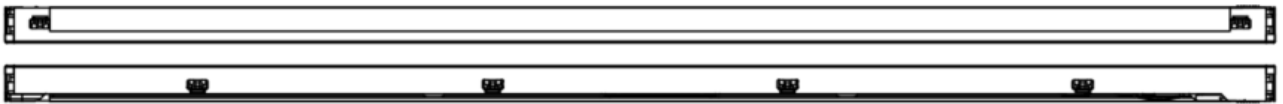
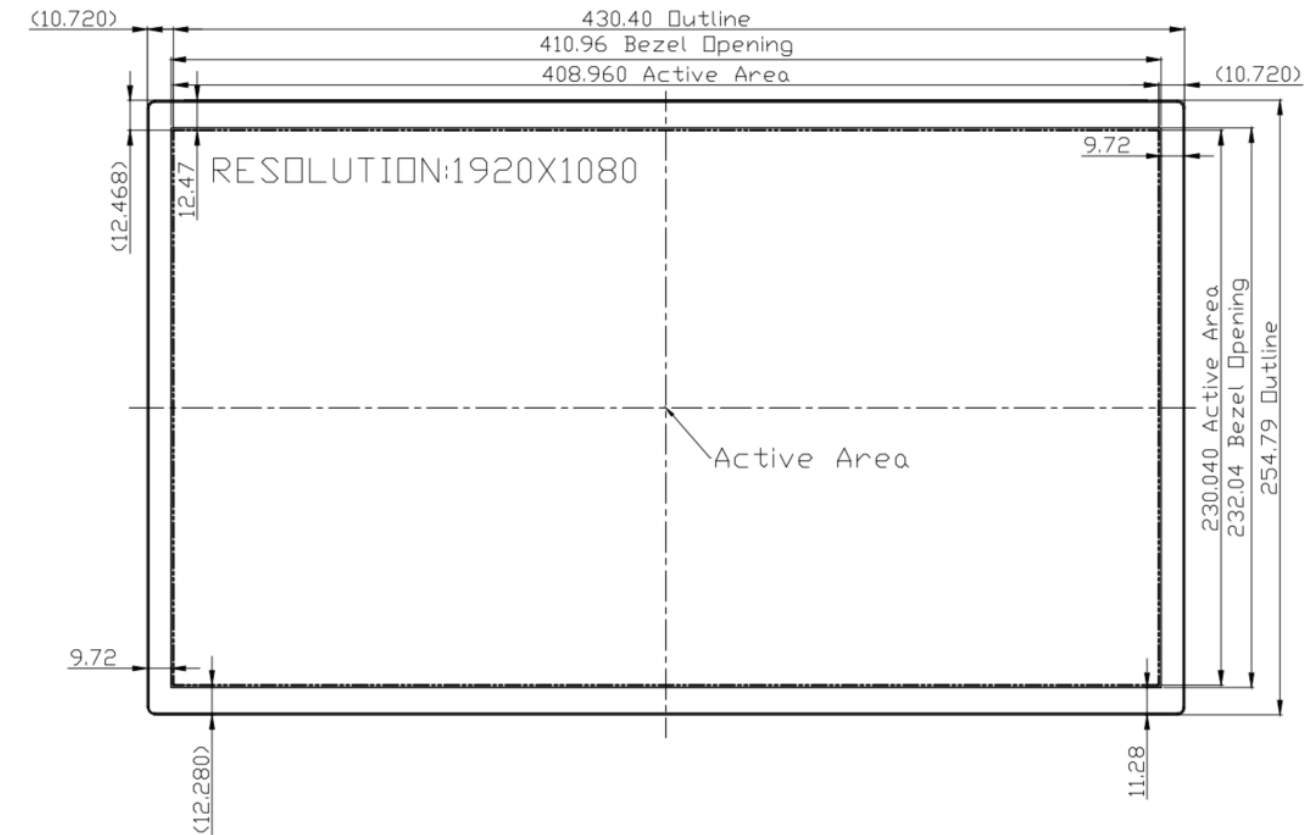
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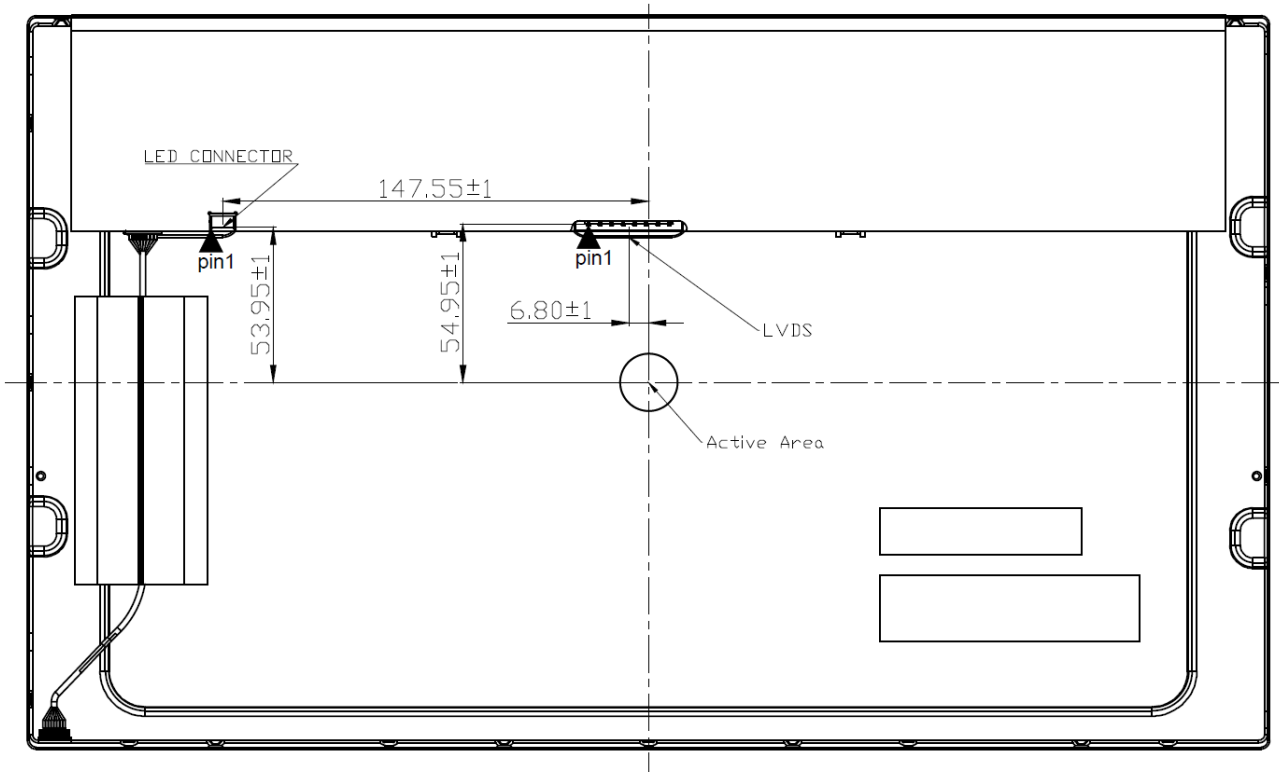


## Mechanical Drawing

### 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.....