



## ULF/ULH1855-A 18.5" TFT LCD, 1000 nits LED Backlight, 1920x1080

The ULF/ULH1855-A is a 18.5 inch industrial grade sunlight readable LCD, with high brightness 1000 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 1000 nits
- Sunlight Readable
- LED Backlight
- Wide Temperature (-20 °C ~70 °C)
- Low Power Consumption
- BL MTBF: 100,000 hours



### Specifications

| Model Name              | ULF/ULH1855-A  |
|-------------------------|--|
| Description             | 18.5" TFT LCD, 1000 nits LED Backlight, 1920x1080            |
| Screen Size             | 18.5"  |
| Display Area (mm)       | 408.960(H) x 230.040(V)                                      |
| Brightness              | 1000 cd/m <sup>2</sup>                                       |
| Resolution              | 1920x1080  |
| Aspect Ratio            | 16 : 9   |
| Contrast Ratio          | 1300 : 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       | 20.4W, (with AD board 26.4W)                                 |
| 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)            | 1.7Kg  |
| Operating Temperature   | -20 °C ~ 70 °C   |
| Storage Temperature     | -20 °C ~ 70 °C   |

ULF= Panel + LED Driving Board

ULH= Panel + LED Driving Board + AD Control Board

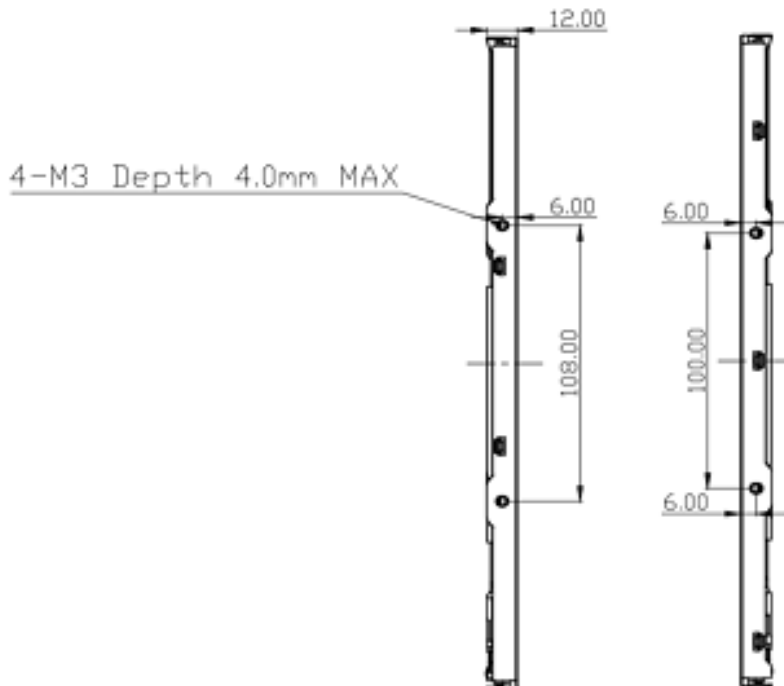
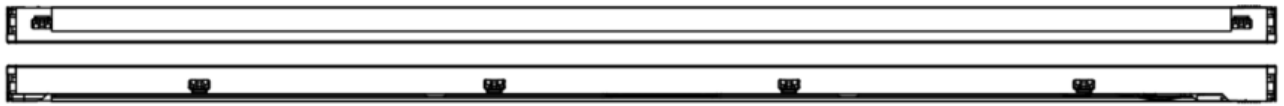
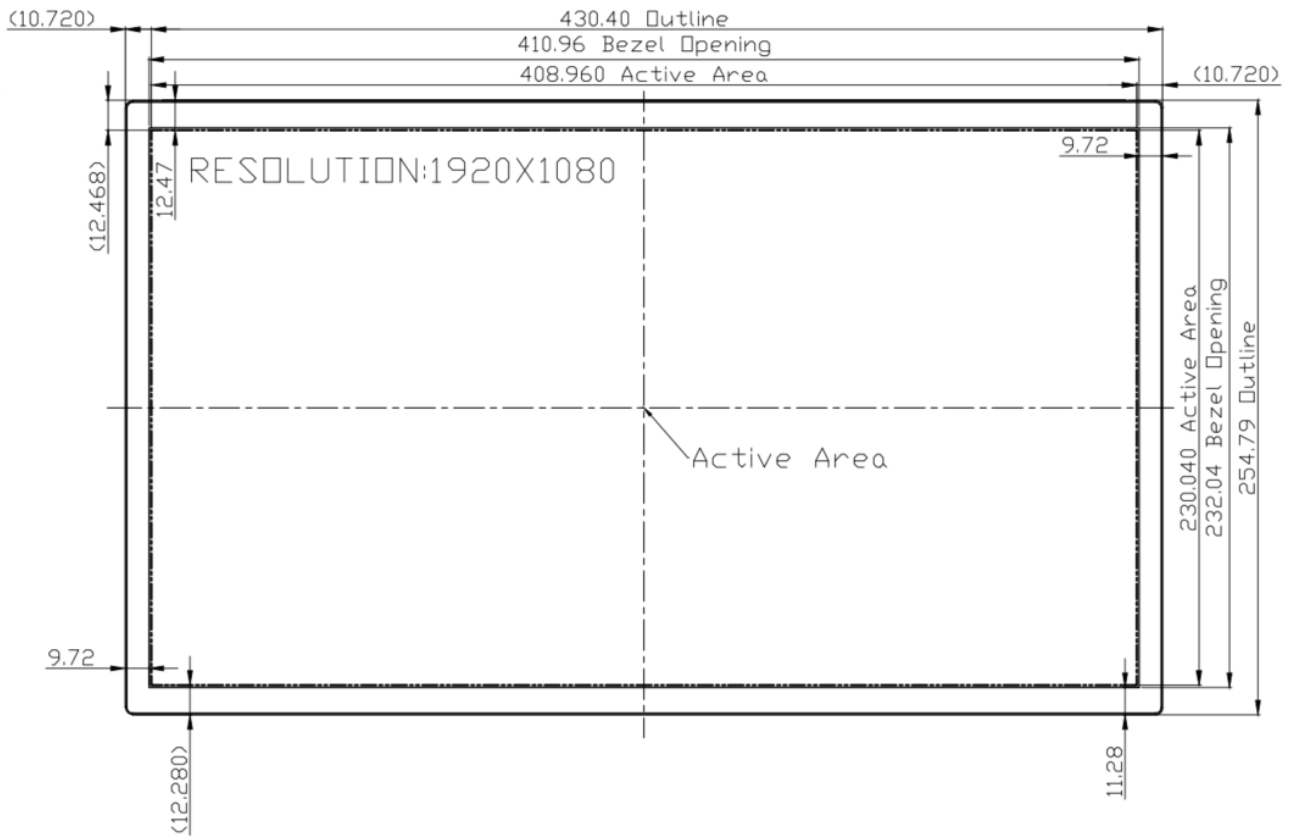
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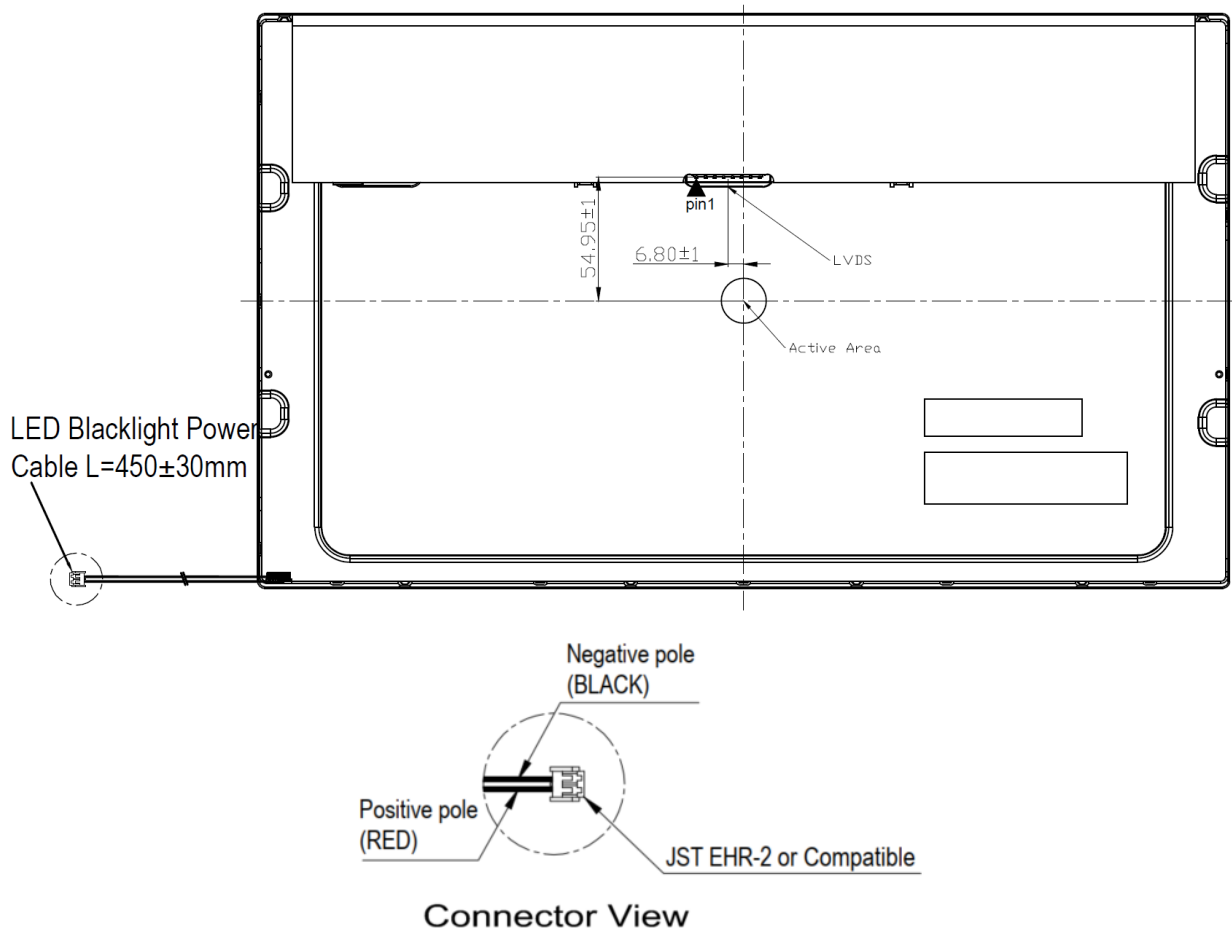


## Mechanical Drawing

### 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. M3 USER HOLE SCREW TORQUE 4.0 kgf- cm MAX.

### Ordering Information

| Part Number     | Description   |
|-----------------|---|
| ULF1855-AHN-A11 | 18.5",1000nits,1920x1080,T2070,LID18C,8in1,V1                 |
| ULH1855-AHN-Q11 | 18.5",1000nits,1920x1080,T2070,LID18C,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.....       |