



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

The ULF/ULH1855-M 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
- Resolution: 1920 x 1080
- Low Power Consumption
- BL MTBF: 20,000 hours



Specifications

| Model Name | ULF/ULH1855-M |
|-------------------------|--|
| Description | 18.5" TFT LCD, 1000 nits LED Backlight, 1920x1080 |
| Screen Size | 18.5" |
| Display Area (mm) | 408.96(H) x 230.04(V) |
| Brightness | 1000 cd/m ² |
| Resolution | 1920x1080 |
| Aspect Ratio | 16 : 9 |
| Contrast Ratio | 900 : 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) | 83% |
| Display Colors | 16.7M |
| Response Time (Typical) | 14ms |
| Panel Interface | LVDS |
| Input Interface | VGA, DVI-D, HDMI |
| Input Power | DC12V |
| Power Consumption | 24W (27W With AD Board) |
| OSD Key | 4 Keys (Power Switch, Menu, +, -) |
| OSD Control | Brightness, Color, Contrast, Auto Turing, H/V Position...etc |
| Dimensions (mm) | 430.37 x 254.60 x 11.50 mm |
| Bezel Size(U/B/L/R) | 12.28/12.28/10.71/10.71 mm |
| Weight (Net) | 1.5Kg |
| Operating Temperature | -10 °C ~ 60 °C |
| Storage Temperature | -20 °C ~ 60 °C |

ULF= Panel + LED Driving Board

ULH= Panel + LED Driving Board + AD Control Board

Specifications are subject to change without notice.

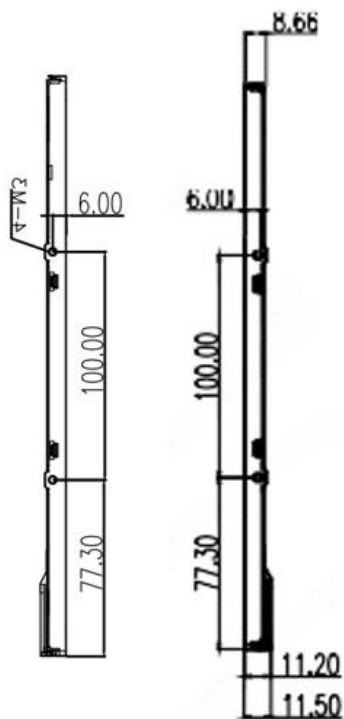
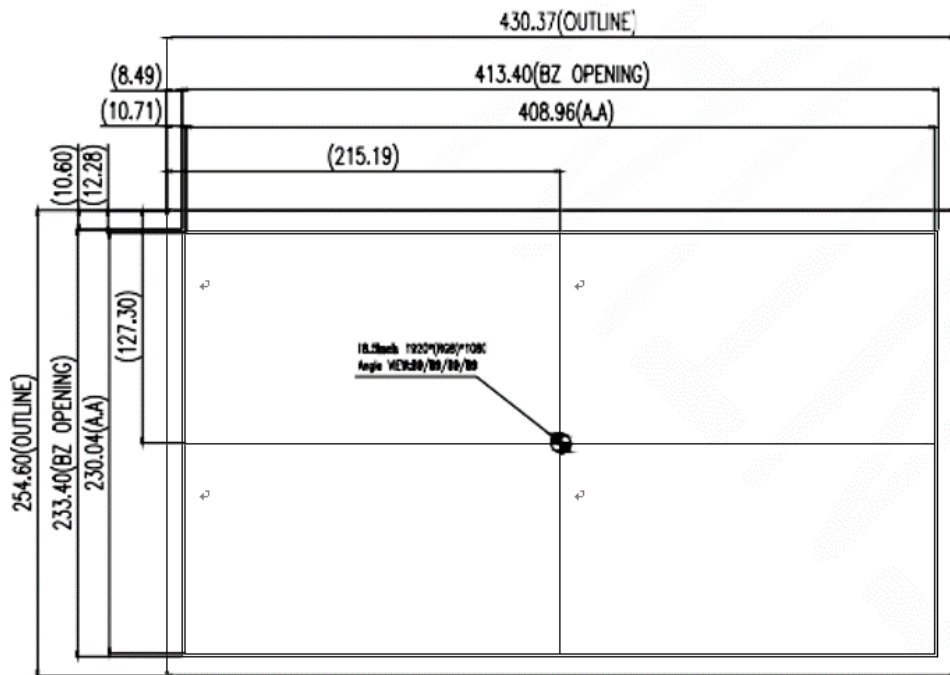
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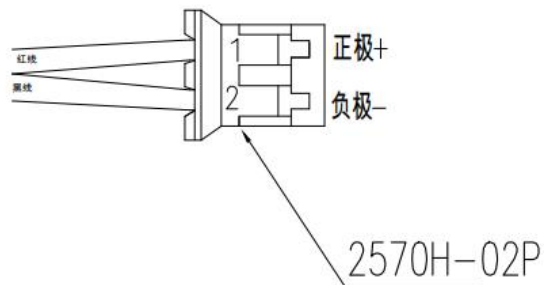
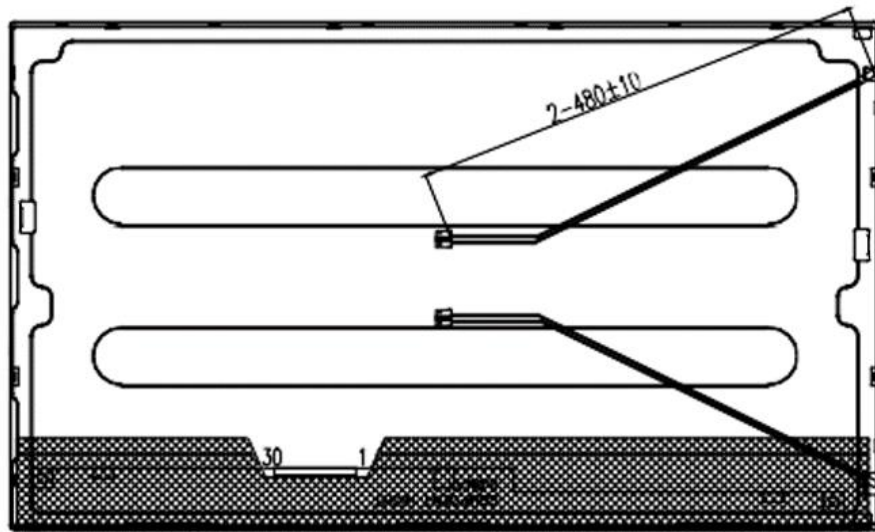


Mechanical Drawing

Outline Dimensions

Unit: mm





Note :

1. Resolution: 1920x1080
2. "()"marks the reference dimensions
3. Front Case is black paint



Ordering Information

| Part Number | Description |
|------------------------|---|
| ULF1855-MHN-A11 | 18.5",1000nits,1920x1080,LID18C,8in1,V1 |
| ULH1855-MHN-Q11 | 18.5",1000nits,1920x1080,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 | Pcap (Multi-Touch) |
| Glass | Tempered glass, AR coating..... |
| | |