



ULF/ULH1213-N

12.1" TFT LCD, 500 nits LED Backlight, 1024x768

The ULF/ULH1213-N is a 12.1 inch industrial grade LCD, with high brightness 500nits, 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
- Wide Temperature (-20 °C ~70 °C)
- Wide Viewing Angle
- Low Power Consumption
- BL MTBF: 30,000 hours



Specifications

Model Name	ULF/ULH1213-N
Description	12.1" TFT LCD, 500 nits LED Backlight, 1024x768
Screen Size	12.1"
Display Area (mm)	245.760(H) x 184.320(V)
Brightness	500 cd/m ²
Resolution	1024x768
Aspect Ratio	4 : 3
Contrast Ratio	1000 : 1
Pixel Pitch (mm)	0.24(H) x 0.24(V)
Pixel Per Inch (PPI)	106
Viewing Angle	178°(H),178°(V)
Color Saturation (NTSC)	80%
Display Colors	16.7M
Response Time (Typical)	25ms
Panel Interface	LVDS
Input Interface	VGA, DVI-D, HDMI
Input Power	DC12V
Power Consumption	9.62W (11.88W with AD Board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	260.56 x 204.06 x 8.4 mm
Bezel Size(U/B/L/R)	11.30/8.440/8.120/6.680 mm
Weight (Net)	0.49kg
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

Specifications are subject to change without notice.

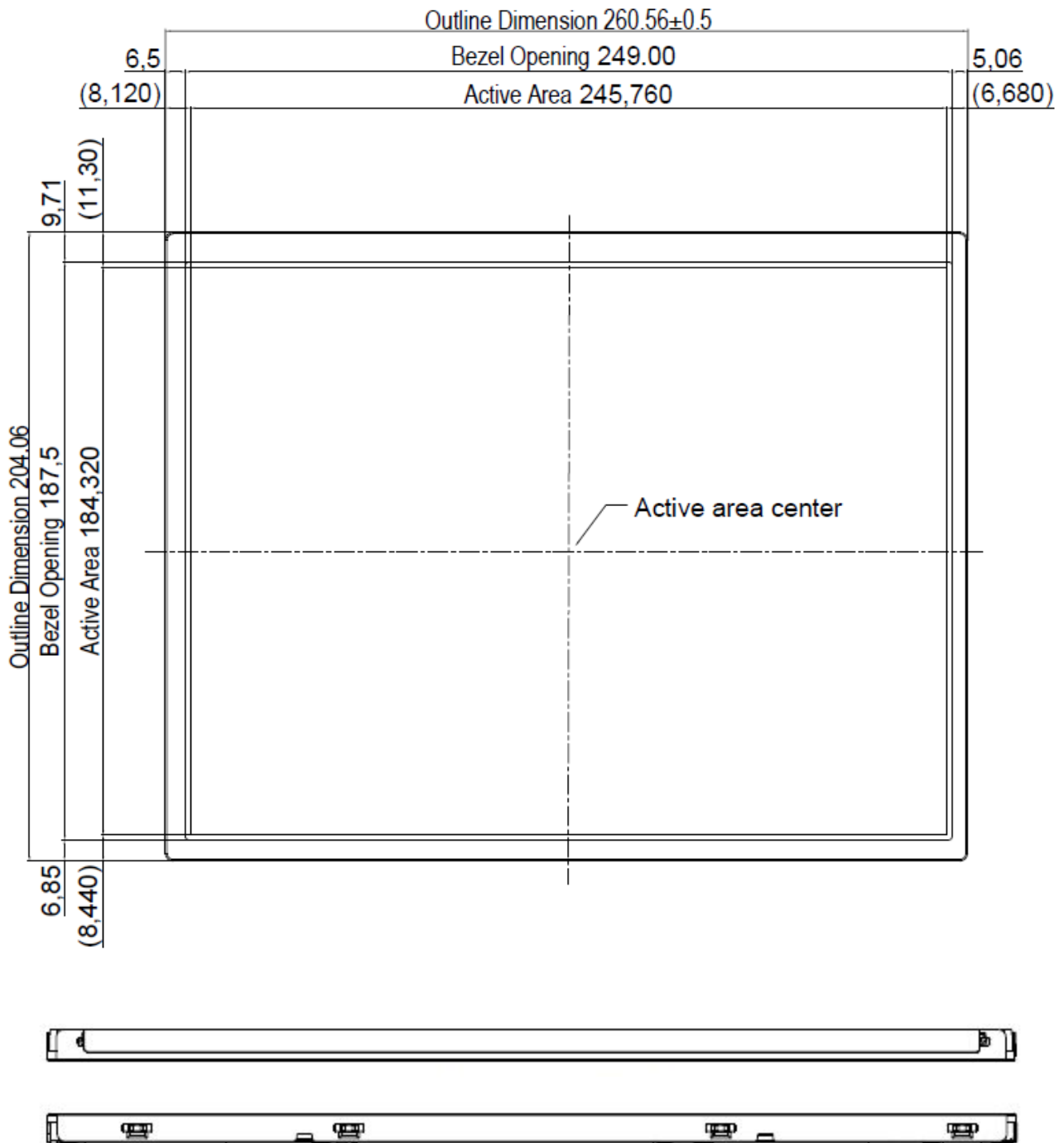
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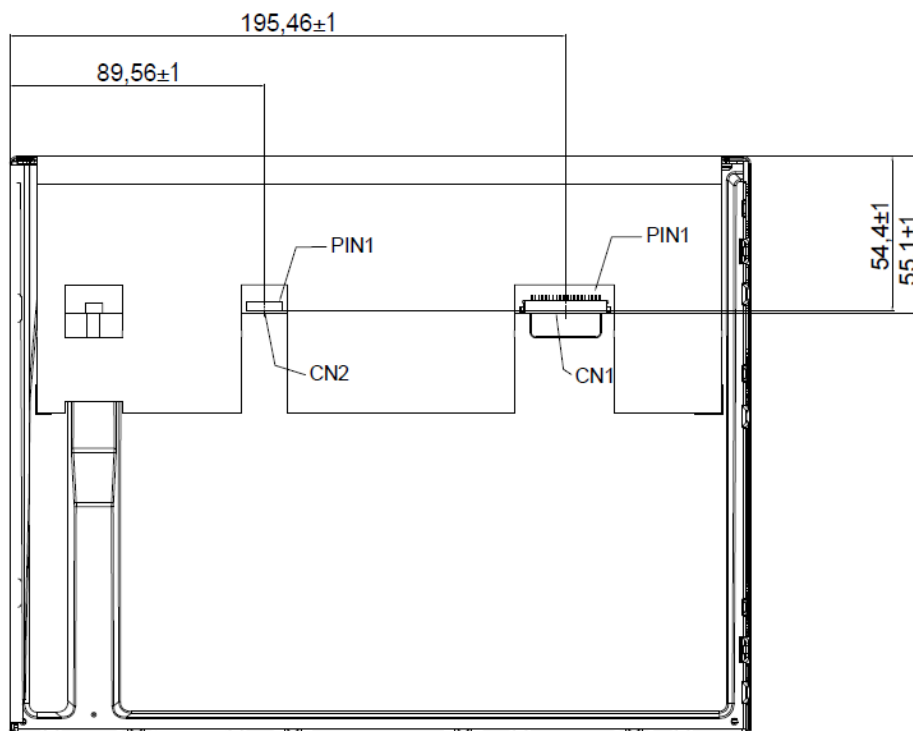
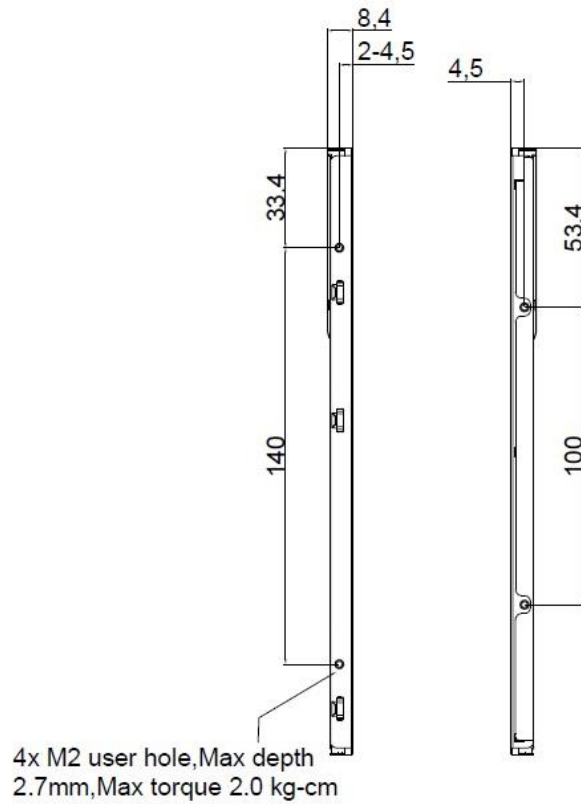


Mechanical Drawing

Outline Dimensions

Unit: mm





Note:

1. Tolerance is ± 1 mm unless noted
2. "()" marks the reference dimensions
3. Connector type:
 CN1: Starconn 076B20-0048Ra-G4 or Epuivalent.
 CN2: ACES 91208-01001-H01 or Epuivalent.



Ordering Information

Part Number	Description
ULF1213-NXN-A11	12.1",500nits,1024x768,T2070,LID on LCM,10in1,V1
ULH1213-NXN-Q11	12.1",500nits,1024x768,T2070,LID on LCM,AD8891GDH,DC12V,10in1,V1

Optional Accessories

Part Number	Description
840612051212	ADAPTER,AC/DC,12V/5 A,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.....