



ULO1853-KHT

18.5" TFT LCD, 500nits LED Backlight, 1920 x 1080

The ULO1853-KHT is a 18.5 inch industrial grade LCD, with brightness 500 nits, it produces sharp images, crisp text and lifelike colors. The Ubipixel LED backlight technology ensures high reliability and low power consumption, suitable for indoor application, kiosk, factory automation, military, transportation and gaming application.

Key Features

- Projected capacitive touch
- Brightness 500nits
- Resolutions: 1920 x 1080
- LED Backlight
- Aspect ratio of 16:9
- Low power consumption
- BL MTBF: 30,000 hours



Specifications

Model Name	ULO1853-KHT
Description	18.5" TFT LCD, 500 nits LED Backlight, 1920 x 1080, Projected Capacitive Touch
Screen Size	18.5"
Display Area (mm)	409(H) x 230(V)
Brightness	500 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)	92%
Display Colors	16.7M
Response Time (Typical)	14 ms
Panel Interface	LVDS
Input Interface	HDMI, DP
Touch Interface	USB
Input Power	DC12V
Power Consumption	23W
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Tuning, H/V Position...etc
Dimensions (mm)	449(W) x 272.5(H) x 47.7(D)
Bezel Size(U/B/L/R)	22/20.5/20/20 mm
Weight (Net)	2.75 kg
Mounting	100x100mm
Operating Temperature	0 °C ~ 50 °C
Storage Temperature	-20 °C ~ 60 °C

ULO1853-KHT = Panel + LED Driving Board + AD Control Board + Housing + PCAP Touch

Specifications are subject to change without notice.

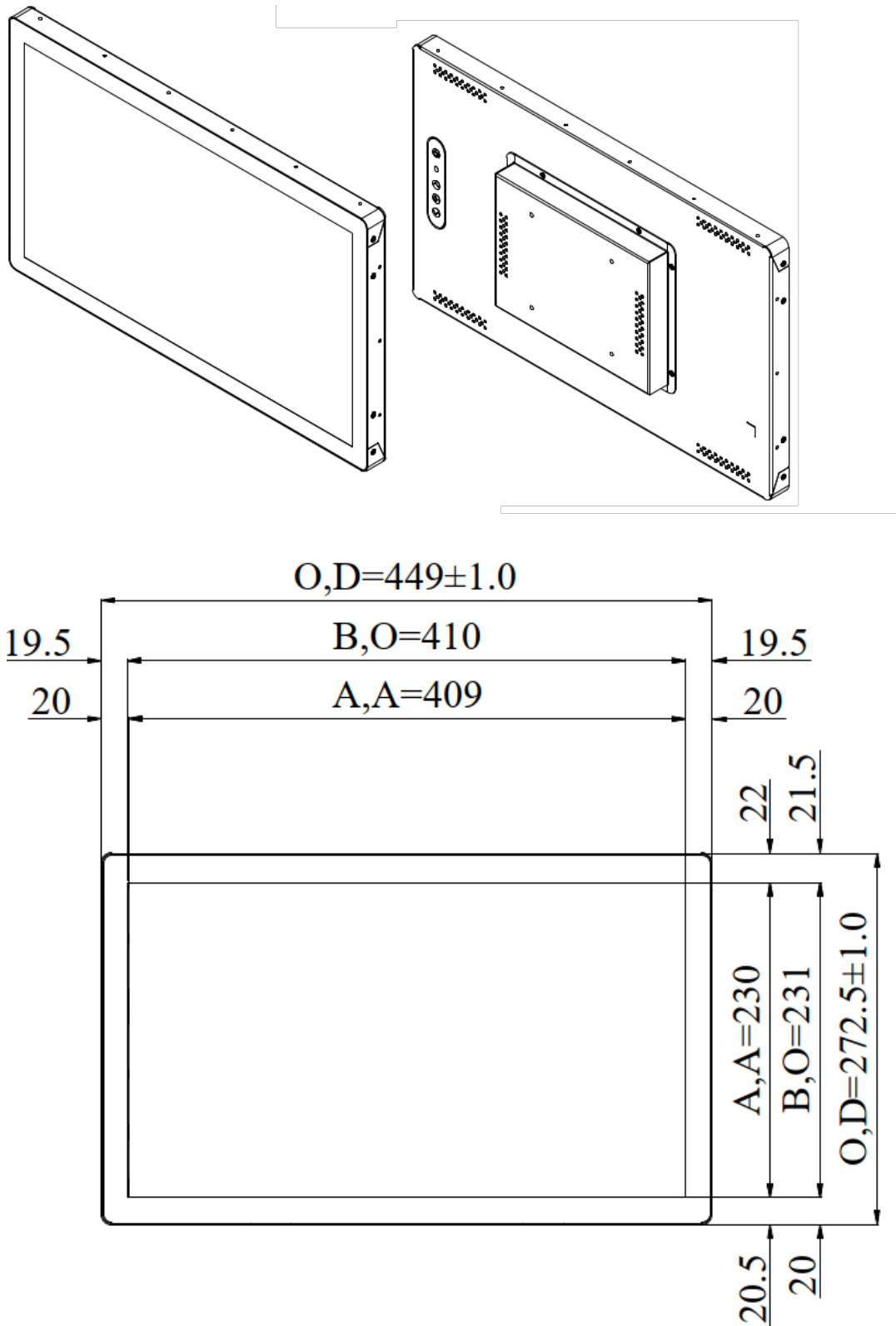
All brands or product names are trademarks or registered trademarks of their respective companies.

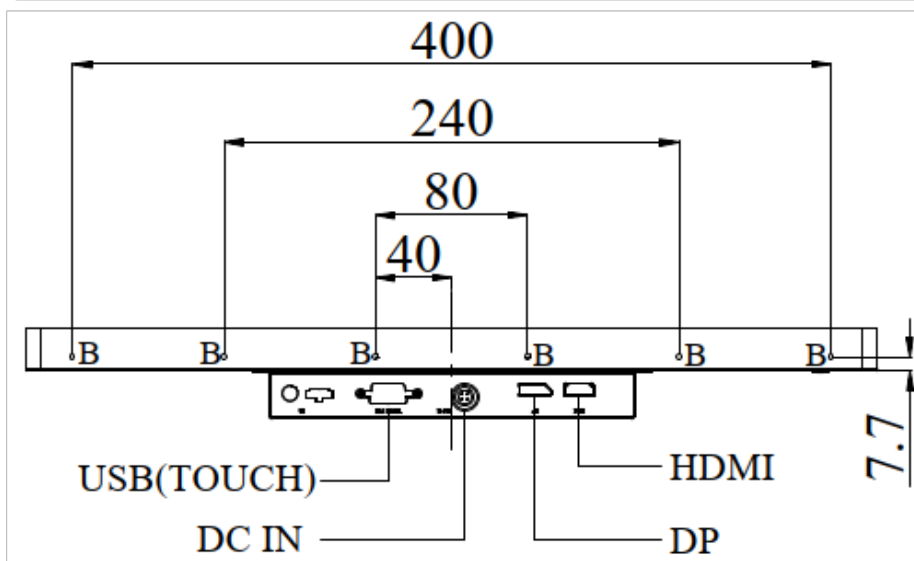
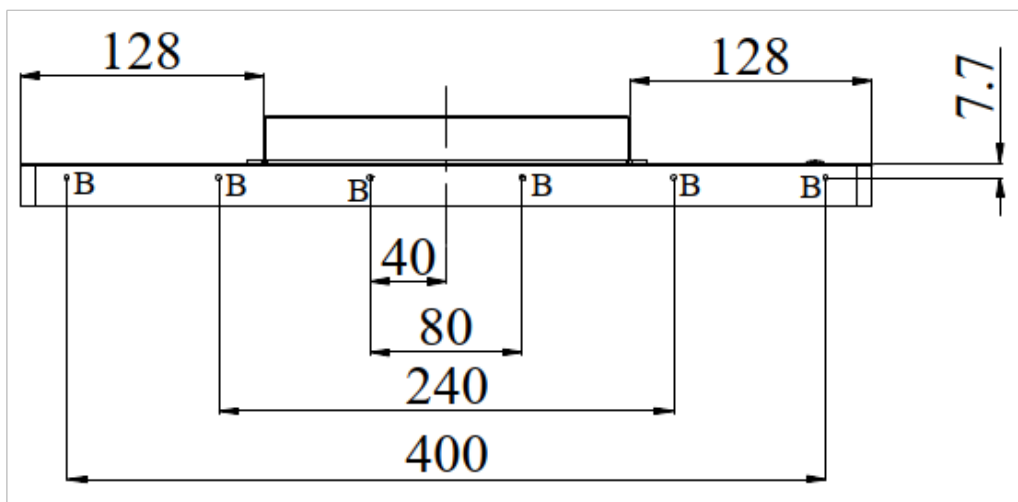
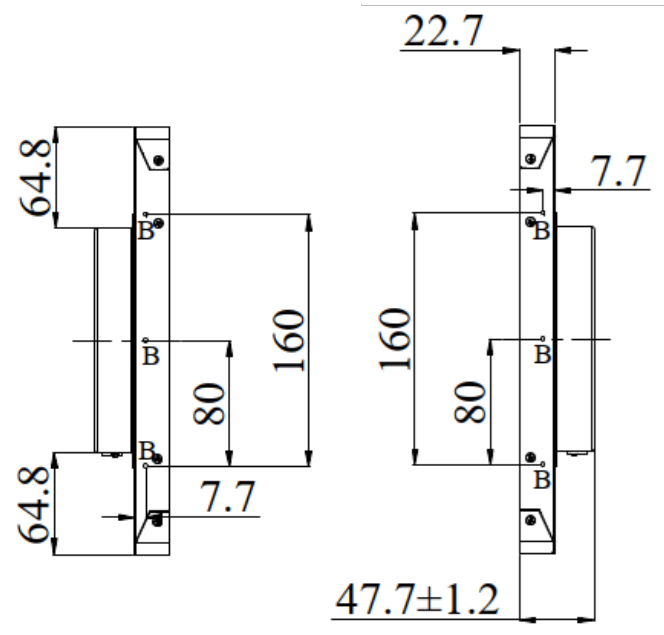


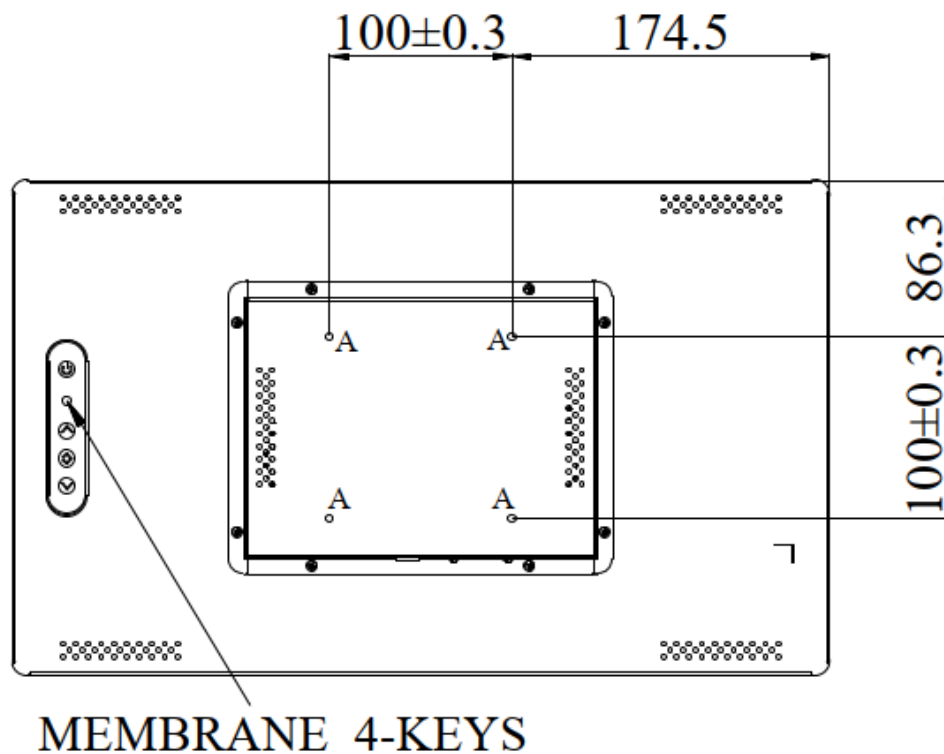
Mechanical Drawing

Outline Dimensions

Unit:mm







NOTE :

O.D. : OUTLINE DIMENSION

V.A. : VIEWABLE AREA

A.A. : LCD ACTIVE AREA

A : 4-M4_USER HOLE_MAX Depth=5mm

B : 18-M3_USER HOLE_MAX Depth=5mm

Ordering Information

Part Number	Description
ULO1853-KHT-T11	18.5",500nits,1920x1080,T/HKC-PCT-USB(T=85%),LID18C,AD68862HP,O/B,DC12V,5in1,V1

Optional Accessories

Part Number	Description
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

Glass	Tempered glass, AR coating.....