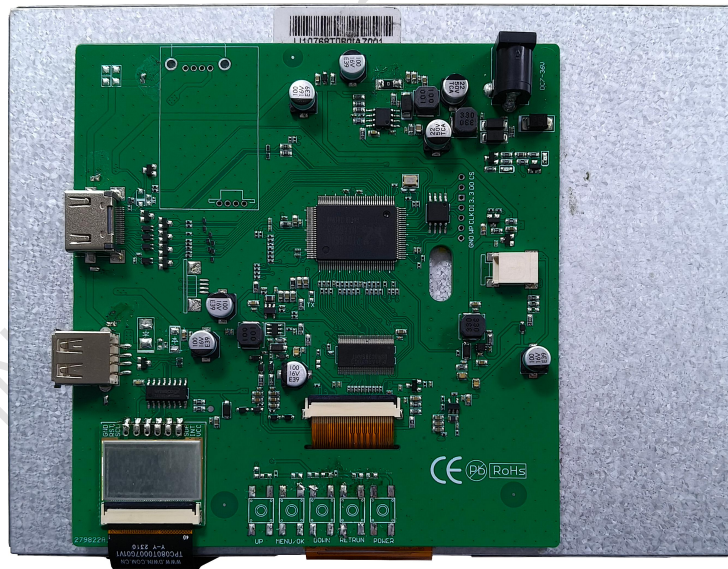


# HDW080\_002LC

8.0 Inch, 1024\*RGB\*768, 16.7M Colors, IPS screen

Capacitive Touch, HDMI interface display



Note: The physical picture is a left and right flip picture

## ● Display

Item	Parameter	Description
Color	16.7M(16777216)colors	24 bit color 8R8G8B
Panel Type	IPS	IPS TFT LCM ,wide viewing angle
Viewing Angle	85/85/85/85 (L/R/U/D)	Best View: symmetrical
Active Area(A.A)	162.0mm (W)*121.5mm (H)	1024*768 Pixel
View Area(V.A)	162.6mm (W)*122.2mm (H)	1024*768 Pixel
Resolution	1024*768	Support 0°/90°/180°/270°rotated display
Backlight	LED	≥20000H(Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	500nit	-

Note: You can use dynamic screen saver wallpapers to avoid afterimages caused by fixed page display for a long time.

## ● Voltage & Current

Item	Description	
Power Voltage	7~36V,typical value of 12V	
Current Parameters	1000mA	VCC=7V (Minimum starting voltage)
	580mA	VCC=12V (Standard supply voltage)
	250mA	VCC=36V (highest voltage)

Recommended power supply: 12V 1A DC

## ● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-10	25	60	°C
Storage Temperature	-	-20	25	70	°C
Working Humidity	25°C	10%	60%	90%	RH
ESD	Contact discharge: ±6KV; Air discharge: ±8KV (GB/T 17626.2 B level and above)				
RE	CLASS B				

## ● Interface

Item	Description
Socket	Power interface, HDMI interface
USB interface	Yes (Connect USB Capacitive touch screen)

## ● Peripheral

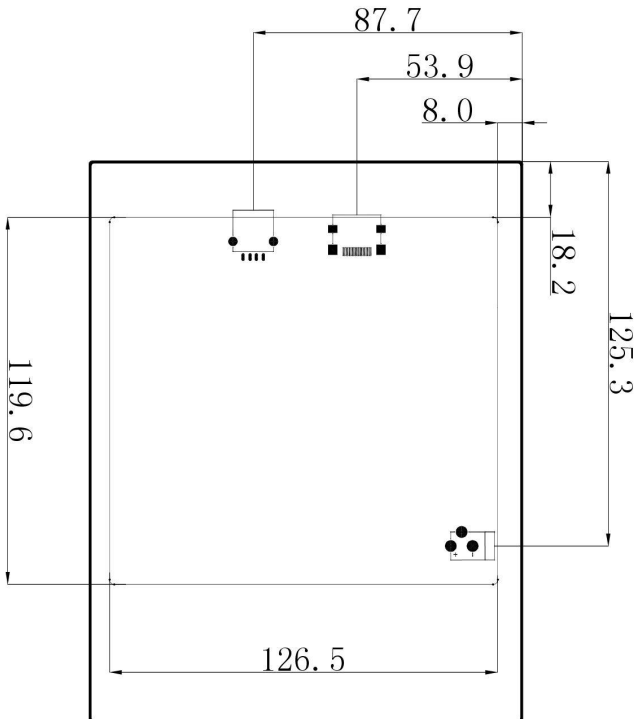
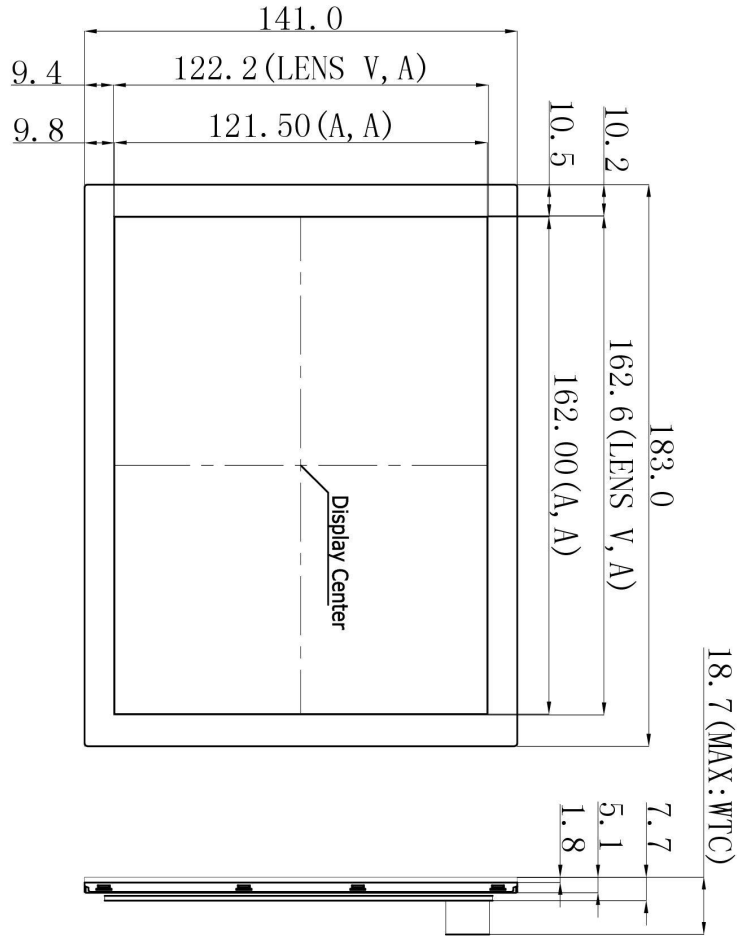
Peripheral	Capacitive touch panel
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**● Packing Capacity & Dimension**

Dimension				
Dimension	183.0(W)*141.0(H)*18.7(T)mm			
Net Weight	340g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	220mm(L)*160mm(W)*47mm (H)	-	-	-
Carton2:	250mm(L)*200mm(W)*80mm (H)	2	1	2
Carton3:	320mm(L)*270mm(W)*80mm (H)	-	-	-
Carton4:	450mm(L)*350mm(W)*300mm(H)	1	16	16
Carton5:	600mm(L)*450mm(W)*300mm(H)	1	30	30

Disclaimer:

- 1, The product design is subject to alternation and improvement without prior notice.
- 2, There are multiple parallel raw materials coexisting to guarantee the stable supply. If customers have particular raw material preferences or requirements, please contact the sales personnel.



Item Name	Item Description	Item Name	Item Description
Print1	TMS Board	Print1	TMS Clock Shield
Print2	TMS Board Shield	Print2	TMS Clock
Print3	TMS Board	Print3	CR
Print4	TMS Board	Print4	HEC Base (Optional, HDMI 1.4 with Ethernet)
Print5	TMS Board Shield	Print5	Set Top Serial Clock for HD0
Print6	TMS Board	Print6	SHVIC Serial Data Line for HD0
Print7	TMS Board	Print7	DC/DC/HEC Ground
Print8	TMS Board Shield	Print8	+5V Power (not show)
Print9	TMS Board	Print9	DC Plug (optional) version and HEC Base (Optional, HDMI 1.4 with Ethernet)
Print0	TMS Clock		

- 1. Location hole is used as position reference.
  - 2. Unmarked Tolerance is +/-0.3mm
- Active area is marked in Dash lines

Model		HDW080-002LC			<b>DWIN Technologies</b>			
Drawing	A 4	Drawn	J.G	Date				20220119
Scale	1:1	Review		Date				
Unit	MM	Approval		Date				

**Record of Revision**

Ver	Revise Date	Content	Editor
00	2022-12-22	First Edition	Kaya
01	2024-02-22	EMC hardware upgrade, natural consumption of	YML

Please contact us if you have any questions about the use of this document or our products, or if you would like to know the latest information about our products:

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Thank you all for continuous support of DWIN, and your approval is the driving force of our progress!

**Important Disclaimer**

DWIN reserves the right to make any changes to product designs without prior notice.

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