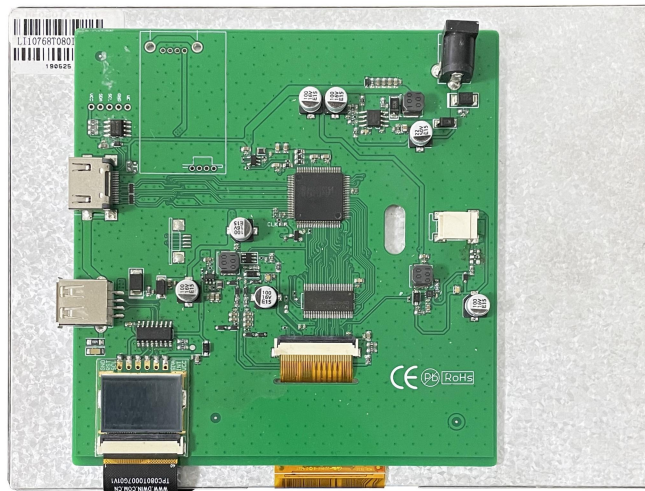


# HDW080\_002LC

8.0 Inch, 1024xRGBx768, 16.7M Colors, IPS screen

CTP, HDMI interface display



## Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-22	First Edition	Kaya

## ● 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
View area(V.A)	162.6mm (W)×122.2mm (H)	1024×768
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	400nit	-
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	5.2~24V,typical value of 12V	
Current parameters	453mA	VCC=5.2V (Minimum starting voltage)
	213mA	VCC=12V (Standard supply voltage)
Recommended power supply: 12V 1A DC		

## ● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-10	25	50	℃
Storage Temperature	-	-20	25	60	℃
Working Humidity	25℃	10%	60%	90%	RH

## ● Interface

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

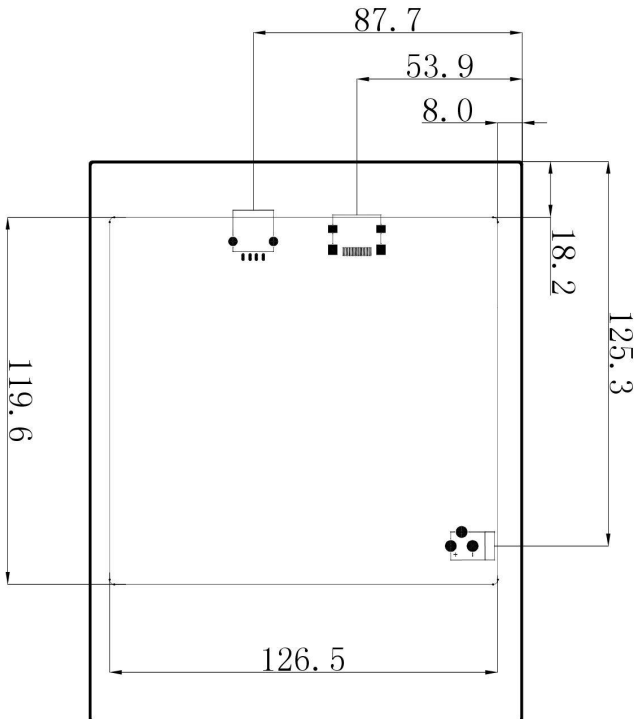
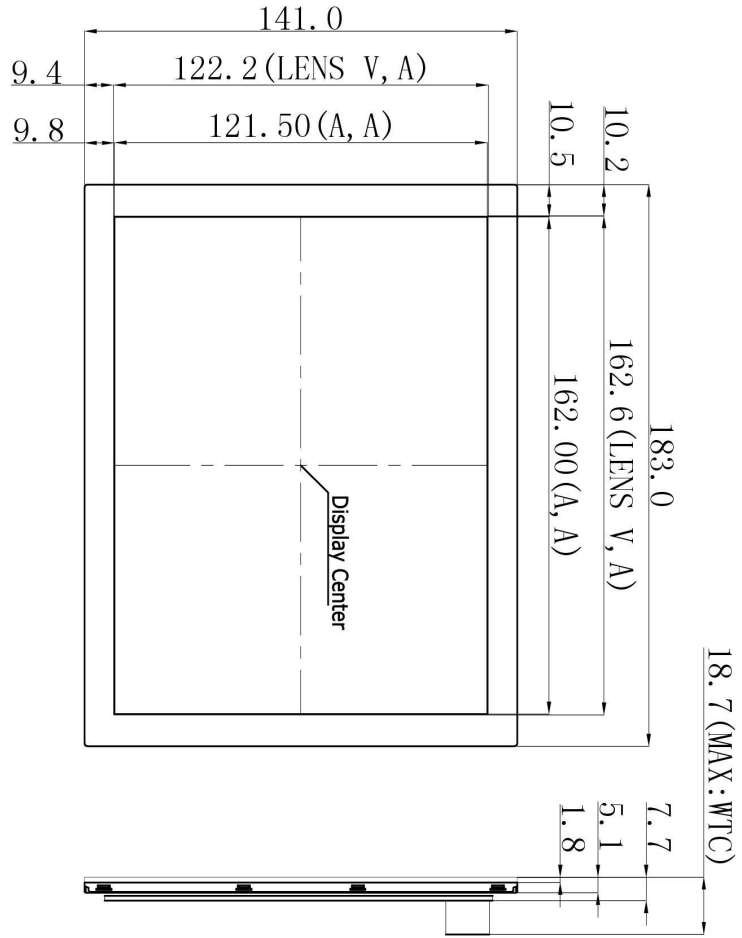
## ● Peripheral

Peripheral	Capacitive touch panel
------------	------------------------

## ● Packing Capacity & Dimension

Dimension				
Dimension	183.0(W)×141.0(H)×18.7(T)mm			
Net Weight	-			
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: The product design is subject to alternation and improvement without prior notice.



Item Name	Item Description	Item Name	Item Description
Pin1	TMS Board	Pin1	TMS Clock Shield
Pin2	TMS Board Shield	Pin2	TMS Clock
Pin3	TMS Board	Pin3	DB
Pin4	TMS Board	Pin4	DB base (Optional, DBM 1, fourth Ethernet)
Pin5	TMS Board Shield	Pin5	Set TMS Serial clock for DBM
Pin6	TMS Board	Pin6	SHVIC Serial Data Line for DBM
Pin7	TMS Board	Pin7	DB/CLK/DB Ground
Pin8	TMS Board Shield	Pin8	+5V Power (not show)
Pin9	TMS Board	Pin9	DB Ping (DBM11 version) and DB base (Optional, DBM1, 5V10 Ethernet)
Pin10	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			
Drawing	A 4	Drawn	J.G	Date	20220119
Scale	1:1	Review		Date	
Unit	MM	Approval		Date	
<b>DWIN Technologies</b>					