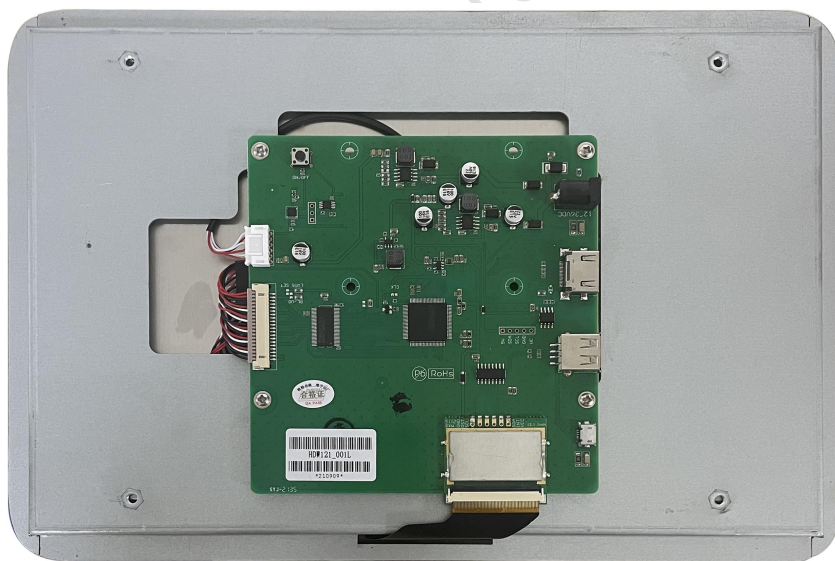


HDW121_001L

12.1 Inch, 1280xRGBx800, 16.7M Colors, TN screen, CTP



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	TN	TN TFT LCM,normal viewing angle
Viewing Angle	70/70/50/70(L/R/U/D)	-
Active Area (A.A.)	261.12mm(W)x163.20mm(H)	1280×800
View Area (V.A.)	262.7mm(W)x164.8mm(H)	1280×800
Resolution	1280×800	Support 0°/90°/180°/270°rotated display
Backlight	LED	≥30000H (Continuous working with maximum brightness,time of the brightness decays to 50%)
Brightness	300nit	-

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

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	12.0	12.0	36.0	V
Operation Current	VCC = +12V Backlight on		660		mA
	VCC = +12V Backlight off		-		

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-30	25	80	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH

● Interface

Item	Description
Socket	Power interface, HDMI interface
USB Interface	Yes
SD Card Slot	None

- **Peripheral**

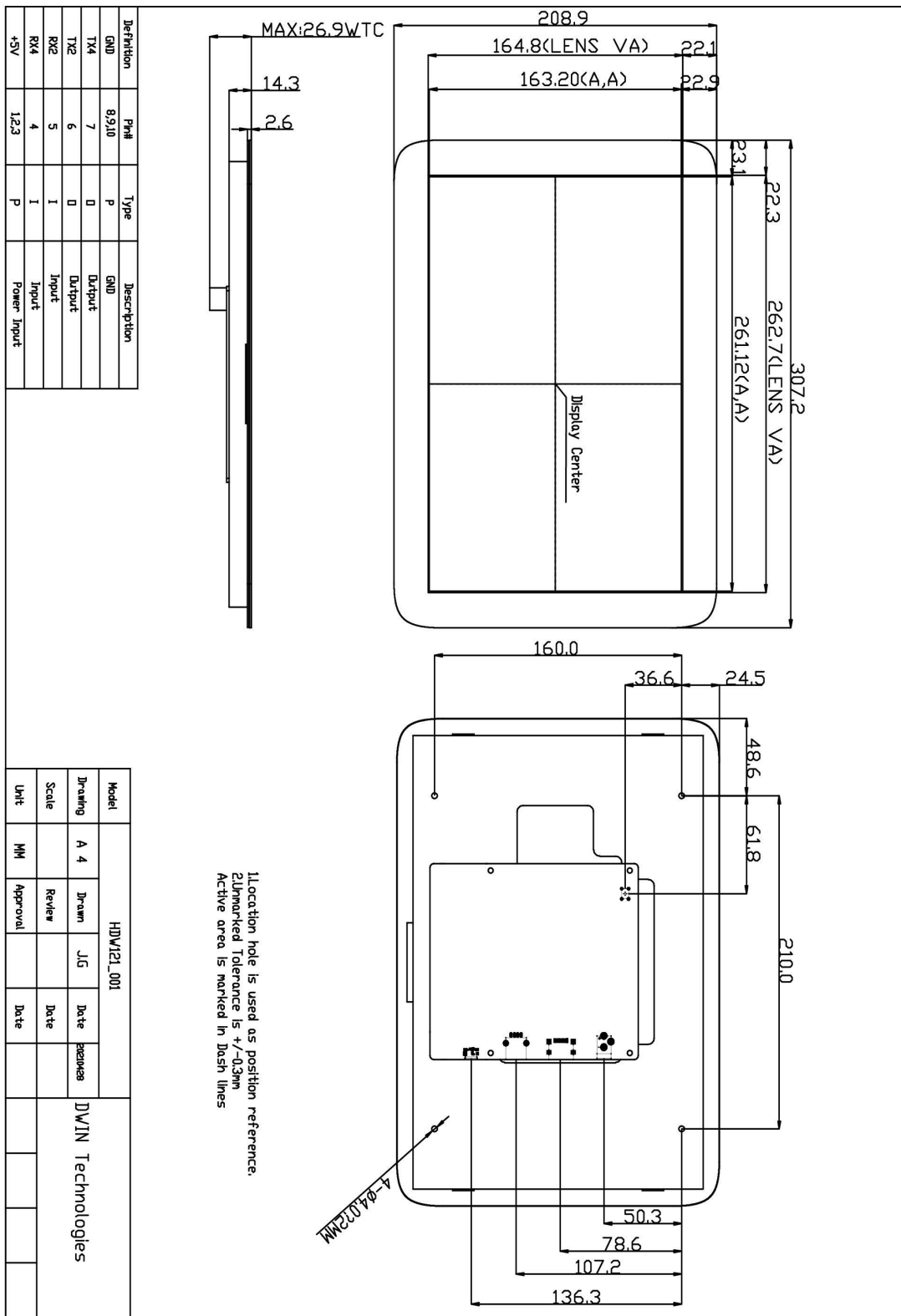
Peripheral	Capacitive touch panel
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- **Packing Capacity & Dimension**

Dimension				
Dimension	307.2(W)×208.9(H)×26.9(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)	-	-	-
Carton3:	320mm(L)×270mm(W)×80mm (H)	2	1	2
Carton4:	450mm(L)×350mm(W)×300mm(H)	1	10	10
Carton5:	600mm(L)×450mm(W)×300mm(H)	1	16	16

Disclaimer: The product design is subject to alternation and improvement without prior notice.

DWIN Technologies Technical Document



Definition	Pin#	Type	Description
GND	8,9,10	P	GND
TX4	7	D	Output
TX2	6	D	Output
RX2	5	I	Input
RX4	4	I	Input
+5V	1,2,3	P	Power Input

Model		HDW121_001			
Drawing	A 4	Drawn	JG	Date	20150528
Scale		Review		Date	
Unit	MM	Approval		Date	

DWIN Technologies