HDW121_001L

12.1 Inch, 1280xRGBx800, 16.7M Colors, TN screen, Capacitive Touch





Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-22	First Edition	Кауа
01	2025-12-04	Update Physical Drawing	Chen

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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 Pixel
View Area (V.A.)	262.7mm(W)x164.8mm(H)	1280×800 Pixel
Resolution	1280×800	-
Backlight	LED	≥30000H (Continuous working with maximum brightness,time of the brightness decays to 50%)
Brightness	300nit	- **

Note: Displaying of high-contrast still images for more than 30 minutes may result in residual images. Please add animation to avoid this problem.

Voltage & Current

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

Recommended power supply: 12V 1A DC

Reliability Test

Item	Conditions	Min	Тур	Max	Unit
Working Temperature	60%RH at 12V voltage	-30	25	80	$^{\circ}\!$
Storage Temperature		-30	25	80	$^{\circ}\! C$
Working Humidity	25℃	10%	60%	90%	RH

Interface

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

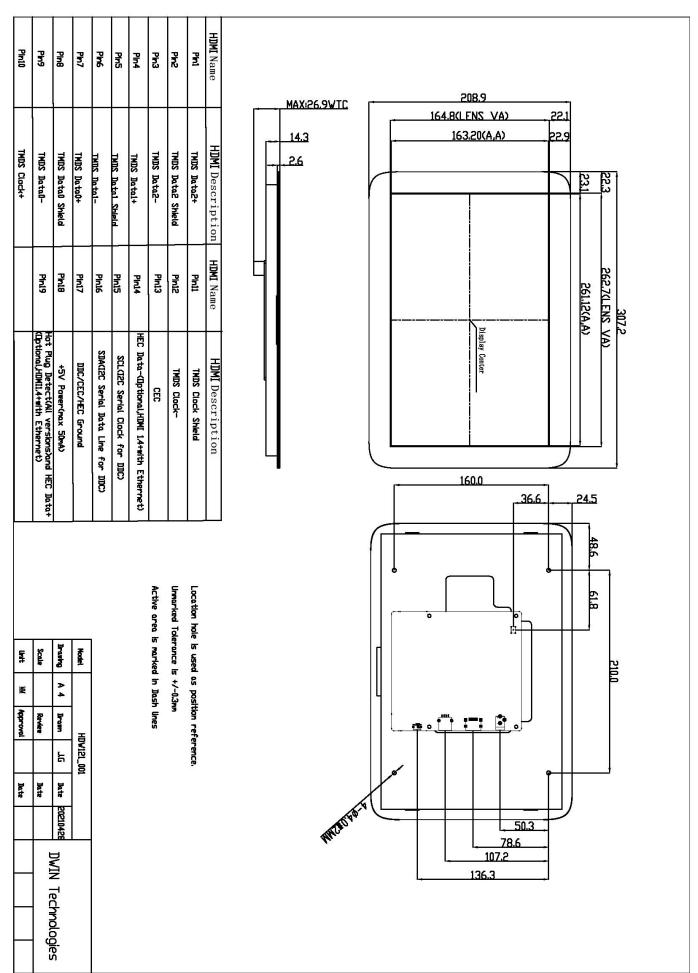


Peripheral

Packing Capacity & Dimension

Dimension	
Dimension	307.2(W)x208.9(H)x26.9(T)mm
Net Weight	-

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