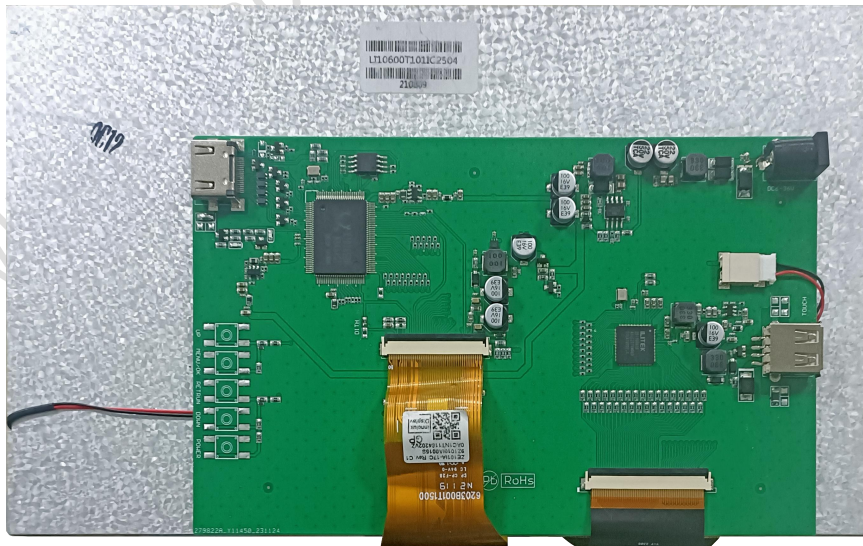


HDW101_001L

**10.1-inch, 1024*600, 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.)	222.70(W)*125.30(H)	1024*600
Resolution	1024*600	-
Backlight	LED	≥20000H(Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	200nit	-

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	Typ	Max	Unit
Power Voltage	-	6	12	36	V
Operating Current	VCC=12V	-	330	-	mA

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
ESD	Air discharge: ± 8KV				

● Interface

Item	Description
Socket	6-36V power interface, HDMI interface
USB Interface	Yes (Connected to touch screen)
SD Slot	None

● Peripheral

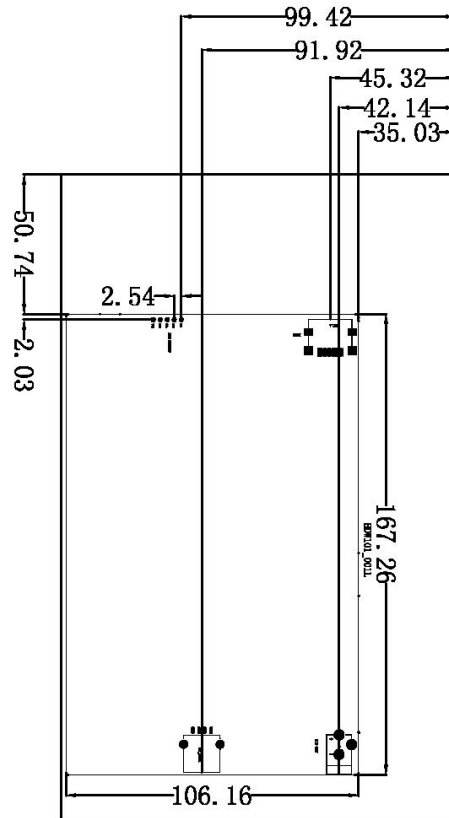
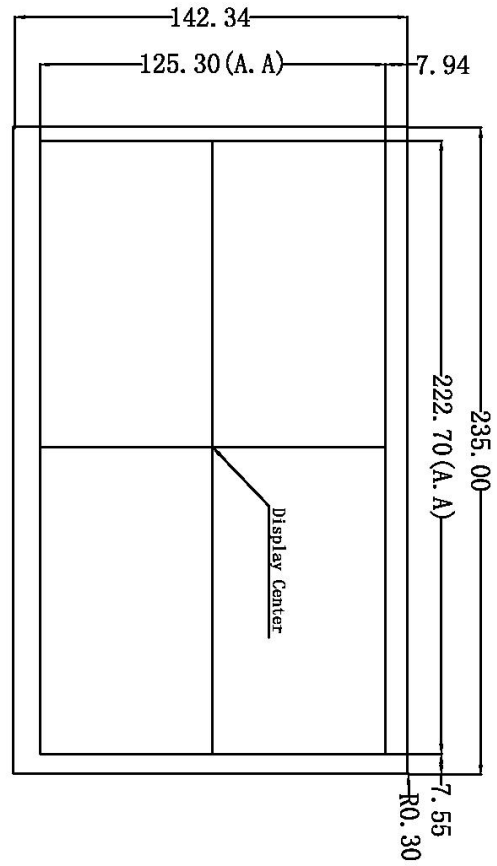
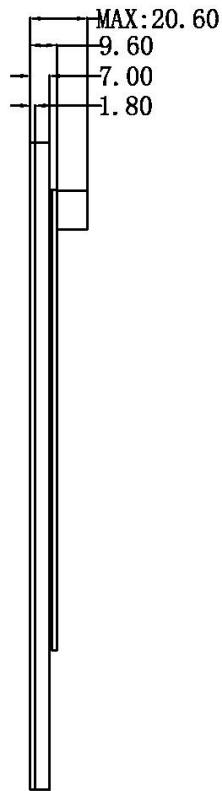
Peripheral	Capacitive touch panel
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● Dimension

Dimension	235.00(W)*142.34(H)*20.60(T)mm
Net Weight	455g

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.



Pin name	Pin description	Pin name	Pin description
Pin1	TMS Data2+	Pin11	TMS Clock Shield
Pin2	TMS Data2 Shield	Pin12	TMS Clock-
Pin3	TMS Data2-	Pin13	GND
Pin4	TMS Data1+	Pin14	HPC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin15	SCL (I2C Serial Clock for DDC)
Pin6	TMS Data1-	Pin16	SNK (I2C Serial Data Line for DDC)
Pin7	TMS Data0+	Pin17	DDC/CSC/HPC Ground
Pin8	TMS Data0 Shield	Pin18	+5V Power (max 500mA)
Pin9	TMS Data0-	Pin19	Hot Plug Detect (All versions) and HPC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMS Clock+		

Location hole is used as position reference.

Unmarked Tolerance is +/- 0.3mm

Active area is marked in Dash lines

Model		HDW101-001L	
Drawing	A 4	Drawn	G. Y
Scale	1 : 1	Review	
Unit	MM	Approval	
		Date	2021.06.23
		Date	
		Date	
DWIN Technologies			

Revision Records

Rev	Revise Date	Content	Editor
00	2021-01-26	First Edition	ZK
01	2021-11-26	Modify CAD and physical drawings	YML
02	2023-12-05	IC scheme change, update physical image	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!

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