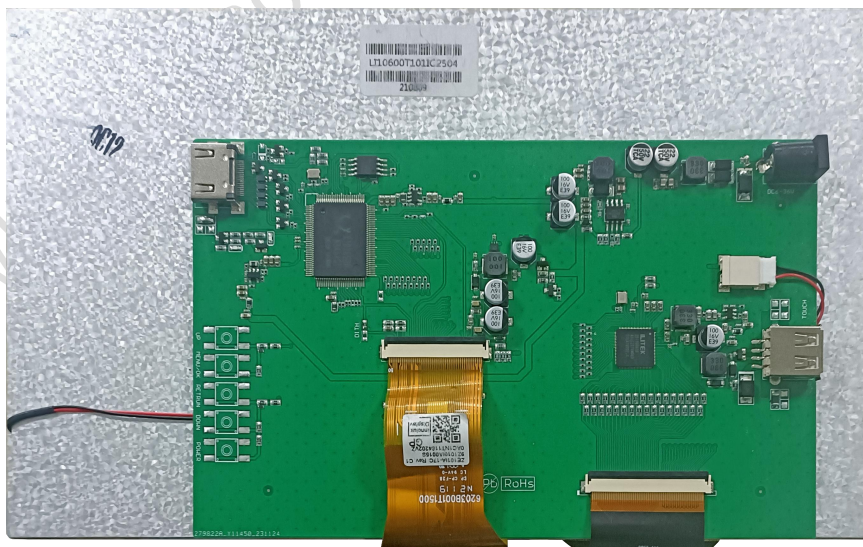
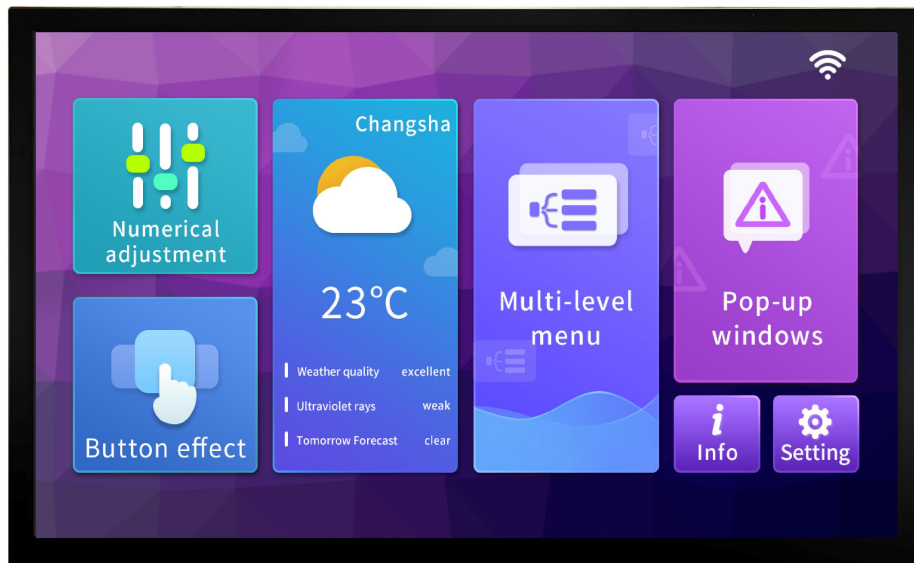


HDW101_001L

**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

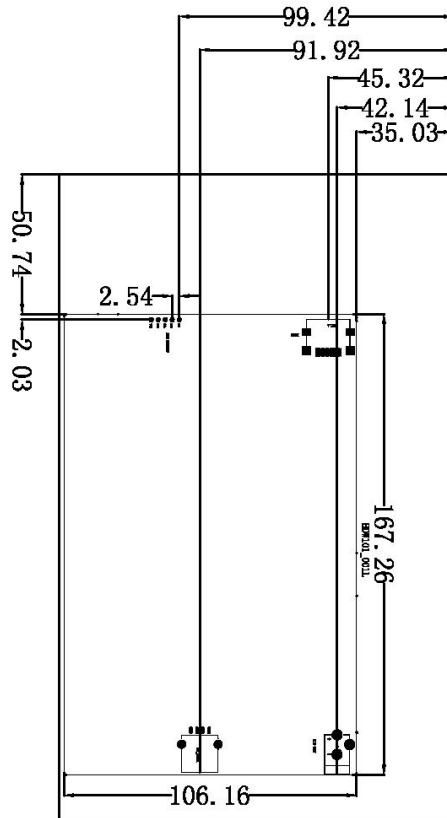
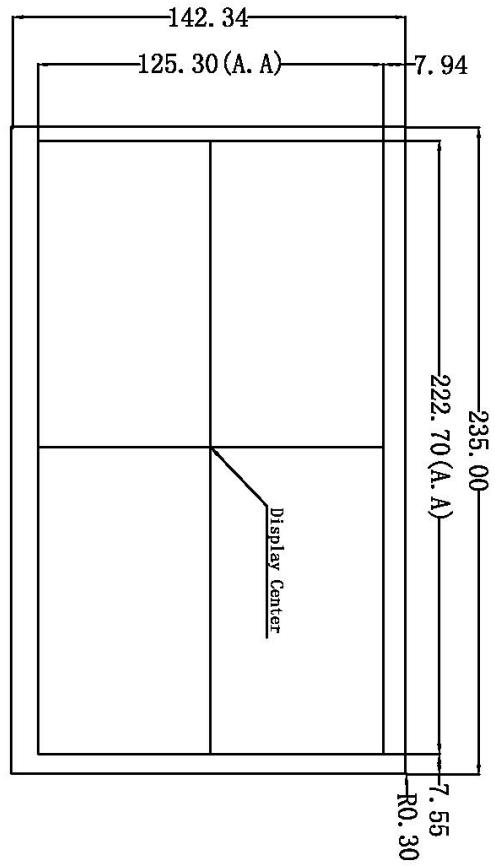
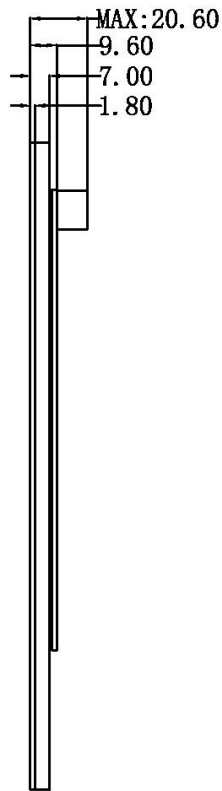
● Peripheral

Peripheral	Capacitive touch panel
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● Dimension

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

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



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	HDC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin15	SCL (I2C Serial Clock for DDC)
Pin6	TMS Data1-	Pin16	SMA (I2C Serial Data Line for DDC)
Pin7	TMS Data0+	Pin17	DDC/CSC/HDC Ground
Pin8	TMS Data0 Shield	Pin18	+5V Power (max 500mA)
Pin9	TMS Data0-	Pin19	Hot Plug Detect (All versions) and HDC 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
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

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