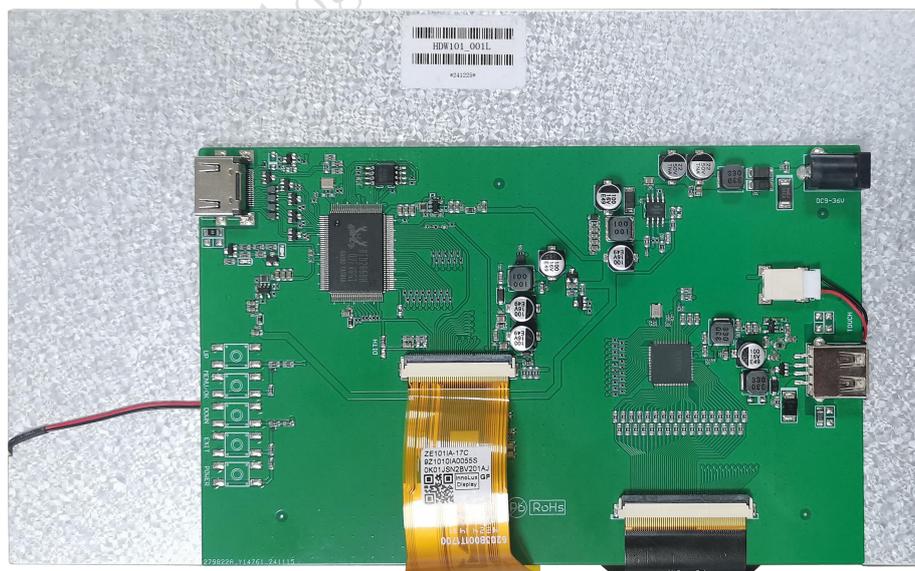
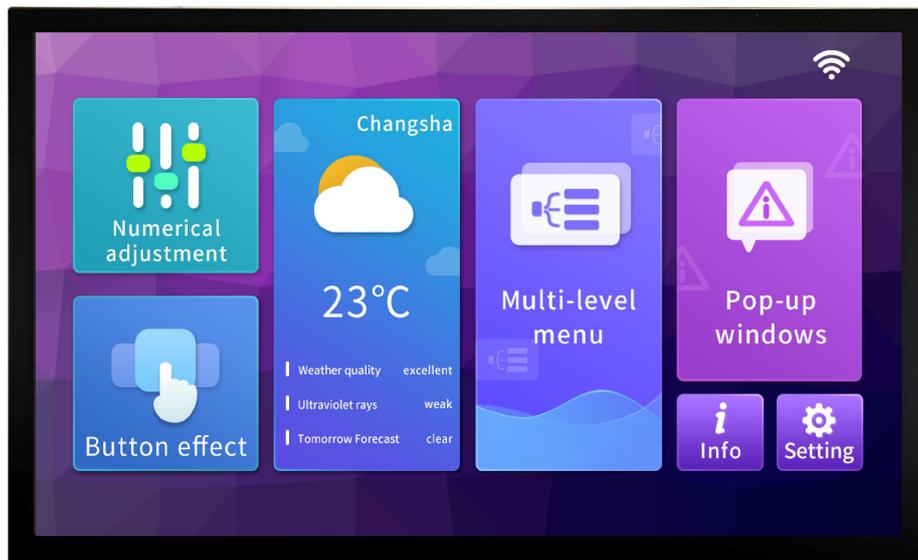


HDW101_001L

**10.1 inch, 1024xRGBx600, 16.7M colors, IPS screen,
Capacitive touch, HDMI interface display**



● Display Parameters

LCD Type	IPS, TFT LCD
Viewing Angle	Wide viewing angle (85°/85°/85°/85° typical), high contrast, and good color reproduction.
Resolution	1024×600 Pixel
Active Area (AA)	222.70mm (W)×125.30mm (H)
Viewing Area (VA)	222.70mm (W)×125.30mm (H)
Backlight Service Life	>20000H
Brightness	200nit
Note: Use dynamic screen saver to prevent afterimages from prolonged fixed page display.	

● Touch Parameters

Touch Panel	Capacitive touch panel
Material	Tempered cover glass

● Electrical Specifications

Power Voltage	9-36V, typical value 12V.
Current Parameters	470mA@12V
Recommended power supply: 12V 1A DC.	

● Operating Environment & Reliability Test

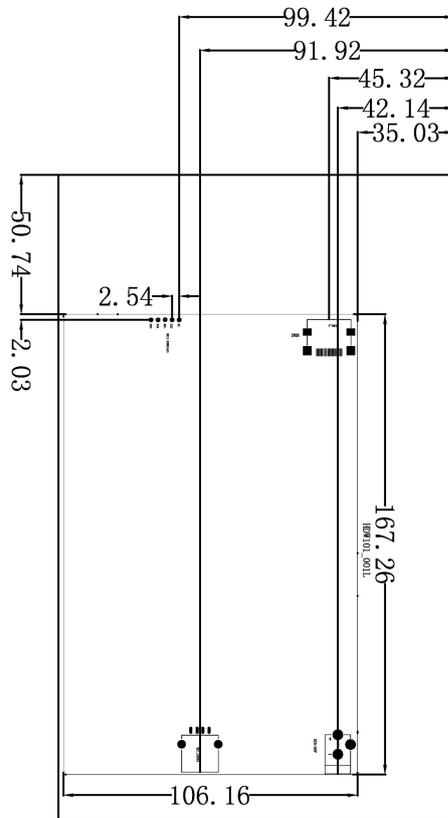
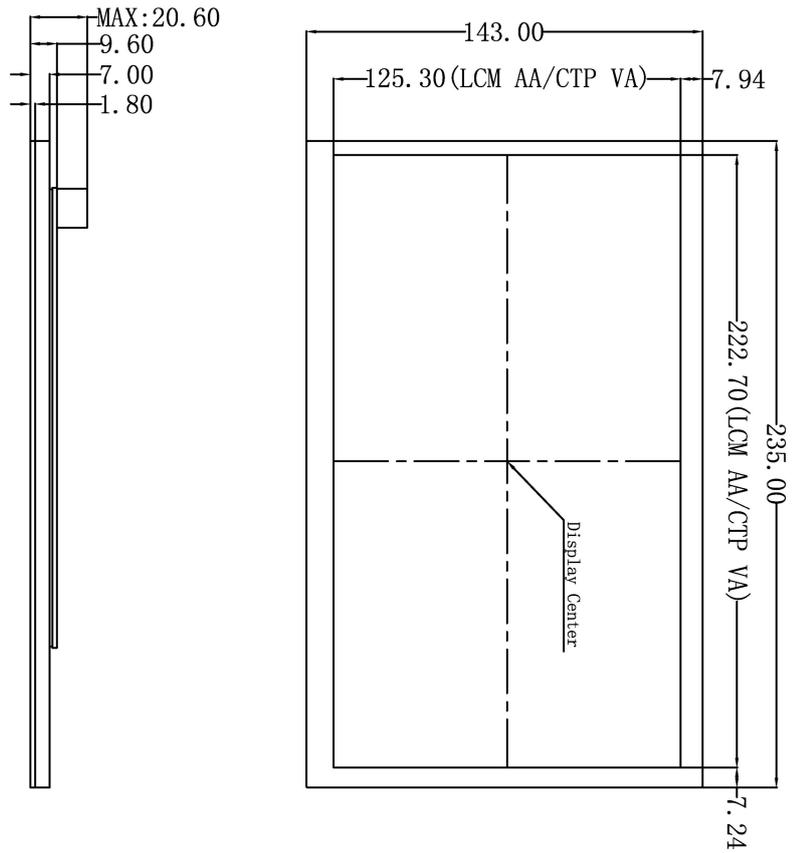
Item	Conditions	Min	Typ	Max	Unit
Operation Temperature	60%RH at 12V voltage	-20	25	70	°C
Storage Temperature	-	-30	25	80	°C
Operation Humidity	25°C	10%	60%	90%	RH
ESD	Air discharge ±8KV				

● Hardware Interface

Power Interface	3PIN_Φ2.0DH
Display Interface	HDMI port (23PIN_HDMI_SH)
Touch Interface	Horizontal USB 2.0

● Packing & Dimension

Dimension	235.00(W)×143.00(H)×20.60(T)mm				
Net Weight	456g				
Model	Dimensions	Layer	Qty/Layer	Qty (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:	435mm(L)×335mm(W)×290mm(H)	-	-	-	
Carton5:	600mm(L)×430mm(W)×290mm(H)	1	20	20	



HDMI Name	HDMI Description	HDMI Name	HDMI Description
Pin1	TMS Data2+	Pin1	TMS Clock Shield
Pin2	TMS Data2 Shield	Pin2	TMS Clock-
Pin3	TMS Data2-	Pin3	CEC
Pin4	TMS Data1+	Pin4	HDC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin5	SCL (I2C Serial Clock for DDC)
Pin6	TMS Data1-	Pin6	SMA (I2C Serial Data Line for DDC)
Pin7	TMS Data0+	Pin7	DDC/CEC/HDC Ground
Pin8	TMS Data0 Shield	Pin8	+5V Power (max 50mA)
Pin9	TMS Data0-	Pin9	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			DWIN Technology
Drawing	A 4	Draam	G. Y	
Scale	1 : 1	Review	Date	
Unit	MM	Approval	Date	

● 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
03	2025-01-22	Modify power voltage	Chen
04	2025-05-09	Update CAD	Chen

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:

Customer service Tel: +86-400-018-9008

Customer service E-mail: dwinhmi@dwin.com.cn

Website: www.dwin-global.com

DWIN Developer Forum: <https://forums.dwin-global.com/index.php/forums>

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

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