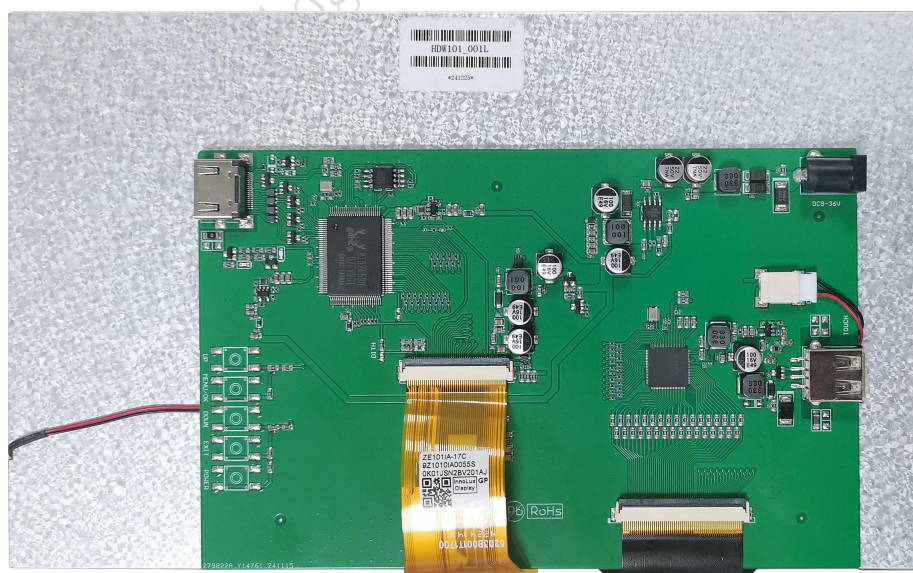
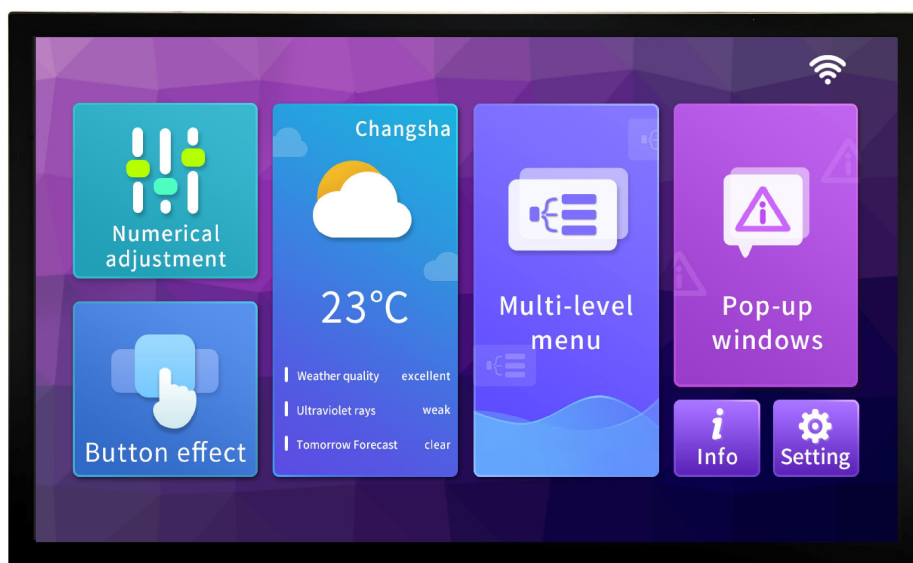


# HDW101\_001L

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



## ● Display Parameters

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

## ● Touch Parameters

<b>Touch Panel</b>	Capacitive touch panel
<b>Material</b>	Tempered cover glass

## ● Electrical Specifications

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

## ● Operating Environment & Reliability Test

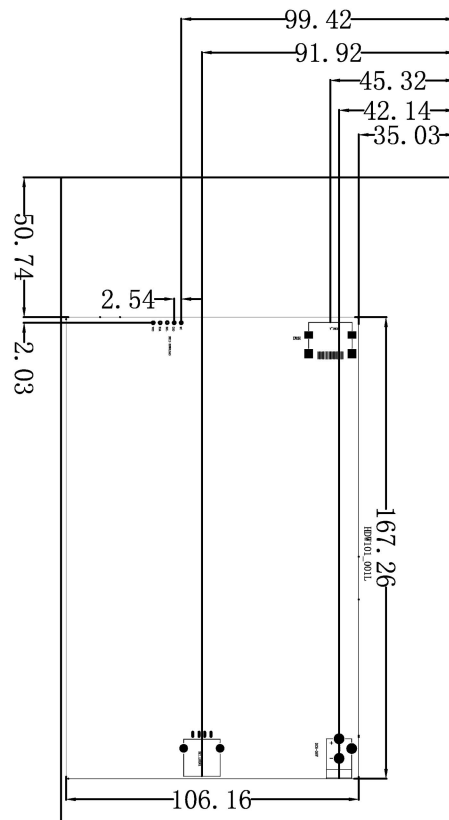
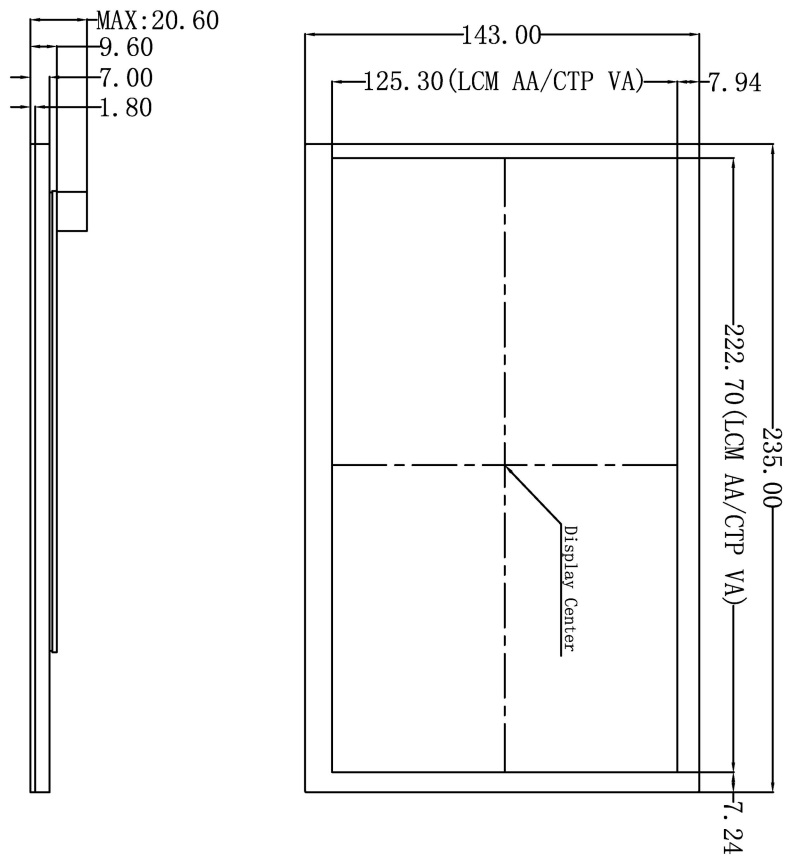
Item	Conditions	Min	Typ	Max	Unit
Operation Temperature	60%RH at 12V voltage	-20	25	70	°C
Storage Temperature	-	-30	25	80	°C
Operation Humidity	25°C	10%	60%	90%	RH
ESD	Air discharge ±8KV				

## ● 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	TMDS Data2+	Pin11	TMDS Clock Shield
Pin2	TMDS Data2 Shield	Pin12	TMDS Clock-
Pin3	TMDS Data2-	Pin13	CEC
Pin4	TMDS Data1+	Pin14	HEC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMDS Data1 Shield	Pin15	SCL (I2C Serial Clock for DDC)
Pin6	TMDS Data1-	Pin16	SDA (I2C Serial Data Line for DDC)
Pin7	TMDS Data0+	Pin17	DDC/CEC/HEC Ground
Pin8	TMDS Data0 Shield	Pin18	+5V Power (max 50mA)
Pin9	TMDS Data0-	Pin19	Hot Plug Detect (All versions) and HEC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMDS 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	Drawn	G. Y	Date				
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:

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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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