

# HDW101\_007L

10.1 Inch, 1280\*RGB\*800, 16.7M Colors, IPS screen

CTP, 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.)	216.96(W)*135.60(H)	1280*800
View Area (V.A.)	217.36(W)*136.00(H)	1280*800
Resolution	1280*800	-
Backlight	LED	≥20000H(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	Typ	Max	Unit
Power Voltage	-	12	12	36	V
Operating Current	VCC=12V	-	310	-	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: ±15KV, Contact discharge: ±8KV. GB/T 17626.4 B level and above				
RE	CLASS B				
Explosion-Proof (cover)	IK08				

## ● Interface

Item	Description
Socket	12-36V power interface, HDMI interface
USB Interface	Yes (Connected to touch screen)
SD Card Slot	None

## ● Peripheral

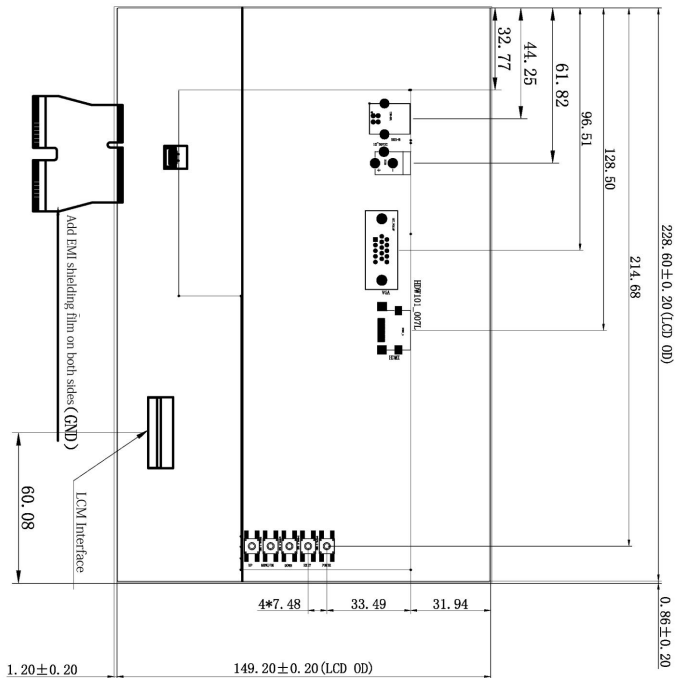
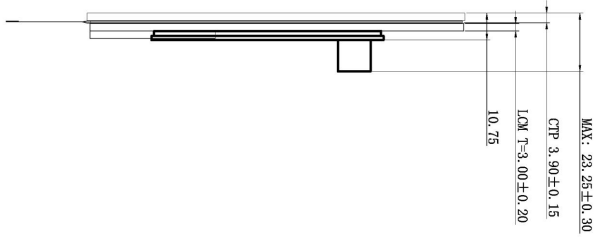
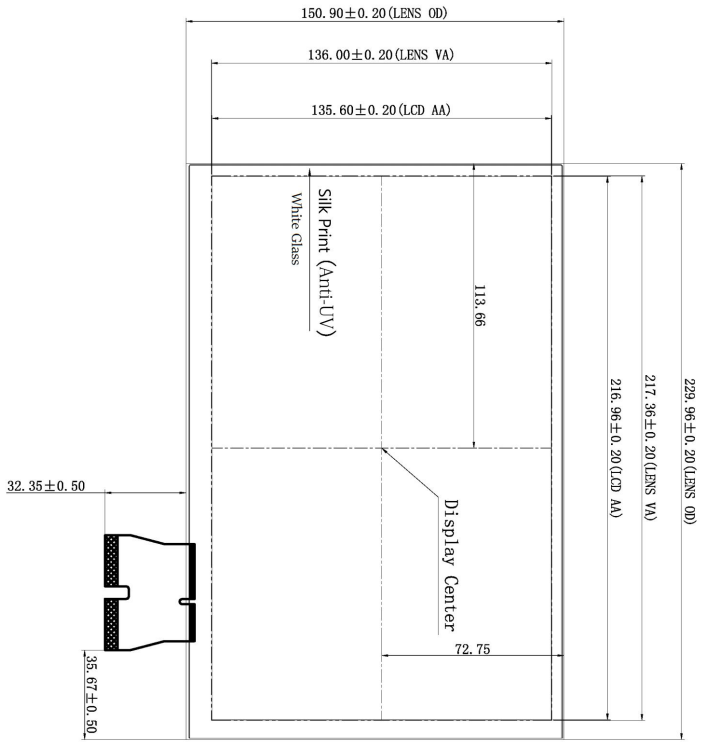
Peripheral	Capacitive touch panel
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● **Packing Capacity & Dimension**

Dimension				
Dimension	229.96(W)*150.90(H)*23.25(T)mm			
Net Weight	580g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	220mm(L)*160mm(W)*47mm (H)	-	-	-
Carton2:	250mm(L)*200mm(W)*80mm (H)	-	-	-
Carton3:	320mm(L)*270mm(W)*80mm (H)	2	1	2
Carton4:	450mm(L)*350mm(W)*300mm(H)	1	10	10
Carton5:	600mm(L)*450mm(W)*300mm(H)	1	16	16

Disclaimer:

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.



HDMI Pin No.	HDMI Description	HDMI Pin No.	HDMI Description
Pin1	TMS Data2+	Pin11	TMS Clock Shield
Pin2	TMS Data2 Shield	Pin12	TMS Clock-
Pin3	TMS Data2-	Pin13	CEC
Pin4	TMS Data1+	Pin14	HEC 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/CEC/HEC Ground
Pin8	TMS Data0 Shield	Pin18	+5V Power (max 50mA)
Pin9	TMS Data0-	Pin19	Hot Plug Detect (All versions) and HEC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMS Clock+		

1. Location hole is used as position reference.
  2. Unmarked Tolerance is +/-0.3mm
- Active area is marked in Dash lines

Model				HDW101-007L			
Drawing	A 4	Drawn	G. Y	Date	2024.08.06	DWIN Technologies	
Scale	1 : 1	Review		Date			
Unit	MM	Approval		Date			

## Revision records

Rev	Revise Date	Content	Editor
00	2024-08-07	First Edition	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!

## Important Disclaimer

DWIN reserves the right to make any changes to product designs without prior notice.

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