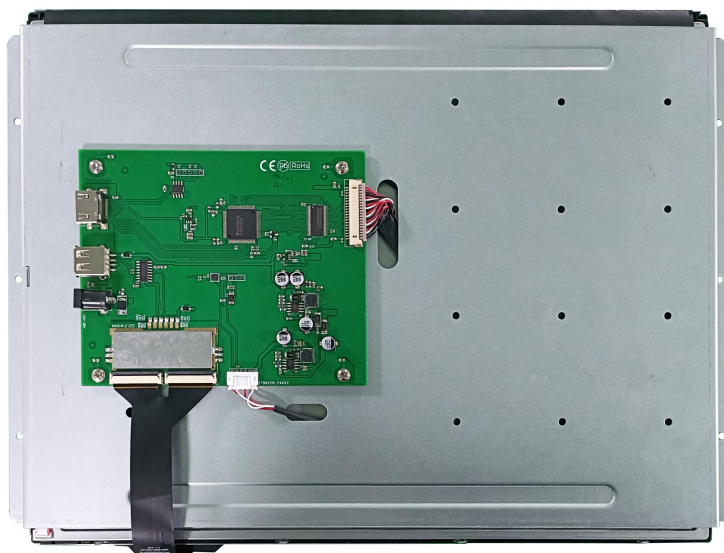
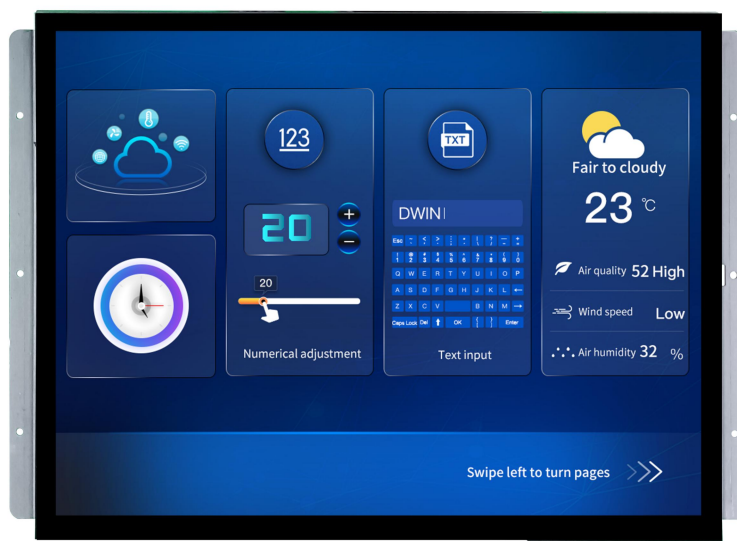


HDW150_004L

15.0 Inch, 1024xRGBx768, 16.7M Colors, IPS screen

Capacitive touch, HDMI interface display



● 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.)	304.1mm(W)x228.1mm(H)	1024x768
Resolution	1024x600	-
Backlight	LED	≥20000H (Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	250nit	-
Note: Displaying of high-contrast still images for more than 30 minutes may result in residual images. Please add screen saver to avoid this problem..		

● Voltage & Current

Item	Descriptions	
Power Voltage	7~36V, typical value of 12V	
Current Parameters	2260mA	VCC=7V (Minimum starting voltage)
	1060mA	VCC=12V (Standard supply voltage)
	110mA	VCC=36V (Maximum supply voltage)
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	-	-20	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH

● Interface

Item	Descriptions
Socket	Power interface, HDMI interface
USB Interface	Yes (Connect USB capacitive touch screen)
SD Card Slot	None

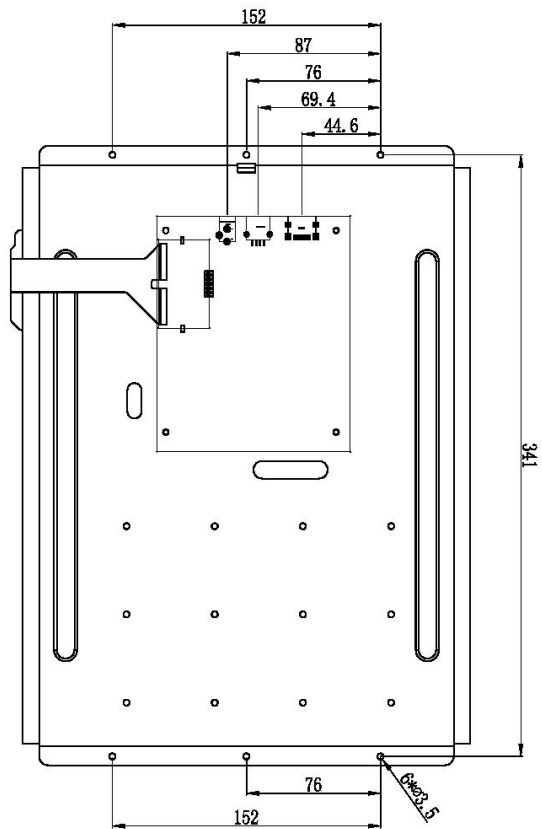
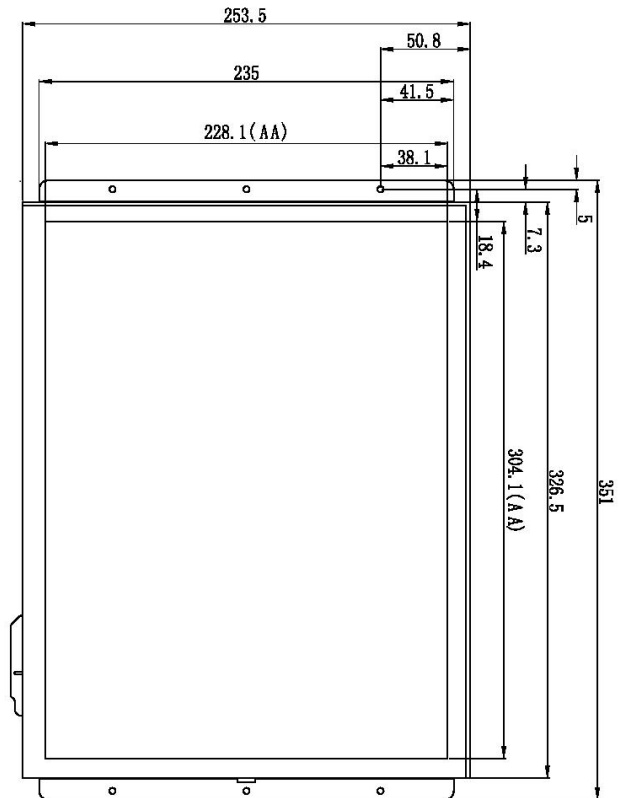
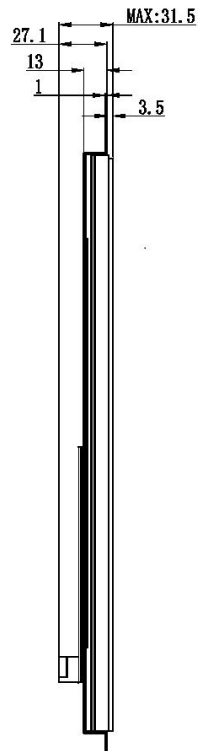
- **Peripheral**

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

Dimension	
Dimension	351.0(W)x253.5(H)x31.5(T)mm
Net Weight	-

DWIN Technologies Technical Document



Item Name	Item Description	Item Name	Item Description
Pin1	TMOS Data2-	Pin11	TMOS Clock Shield
Pin2	TMOS Data2 Shield	Pin12	TMOS Clock-
Pin3	TMOS Data2-	Pin13	OC
Pin4	TMOS Data1+	Pin14	REC Data- (Optional, Item 1.4 in this Document)
Pin5	TMOS Data1 Shield	Pin15	SG (200 Serial Clock for SOC)
Pin6	TMOS Data1-	Pin16	SMA (200 Serial Data Line for SOC)
Pin7	TMOS Data0+	Pin17	IOC/CEC/REC Ground
Pin8	TMOS Data0 Shield	Pin18	+5V Power (Max 500mA)
Pin9	TMOS Data0-	Pin19	Rec Firm Detect (All version) and REC Data- (Optional, Item 1.4 in this Document)
Pin10	TMOS Clock+		

Location hole is used as position reference.
Unmarked Tolerance is $\pm 0.3\text{mm}$
Active area is marked in Dash lines

Model	HDW150_004L				DWIN Technology			
Drawing	A 4	Drawn	T.B	Date				
Scale	1:1	Review		Date				
Unit	MM	Approval		Date				

Record records

Ver	Revise Date	Content	Editor
00	2025-02-11	First Edition	Chen

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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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