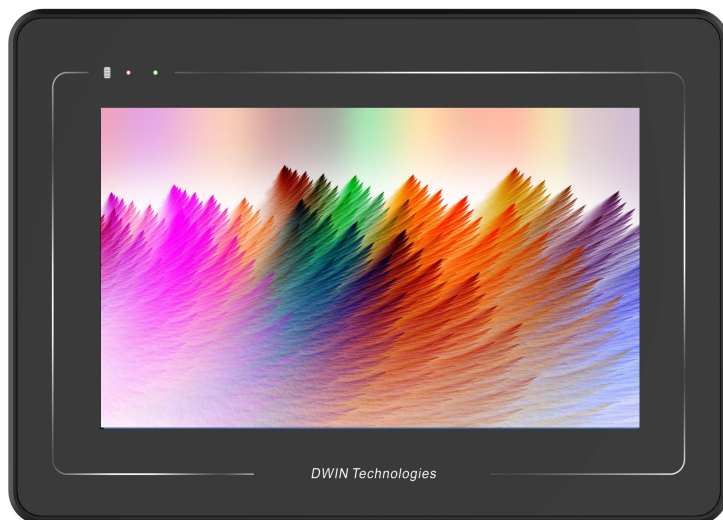


HDW070_A5001L

7.0 Inch, 1024xRGBx600, 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.)	154.2mm(W)x85.9mm(H)	1024x600
View Area(V.A)	155.0mm(W)x87.5mm(H)	1024x600
Resolution	1024x600	Support 0°/90°/180°/270°rotated display
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	6~36V, typical value of 12V	
Current Parameters	350mA	VCC=6.0V (Minimum starting voltage)
	290mA	VCC=12V (Standard supply voltage)
	130mA	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	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
ESD	Air discharge ±4KV				

● Interface

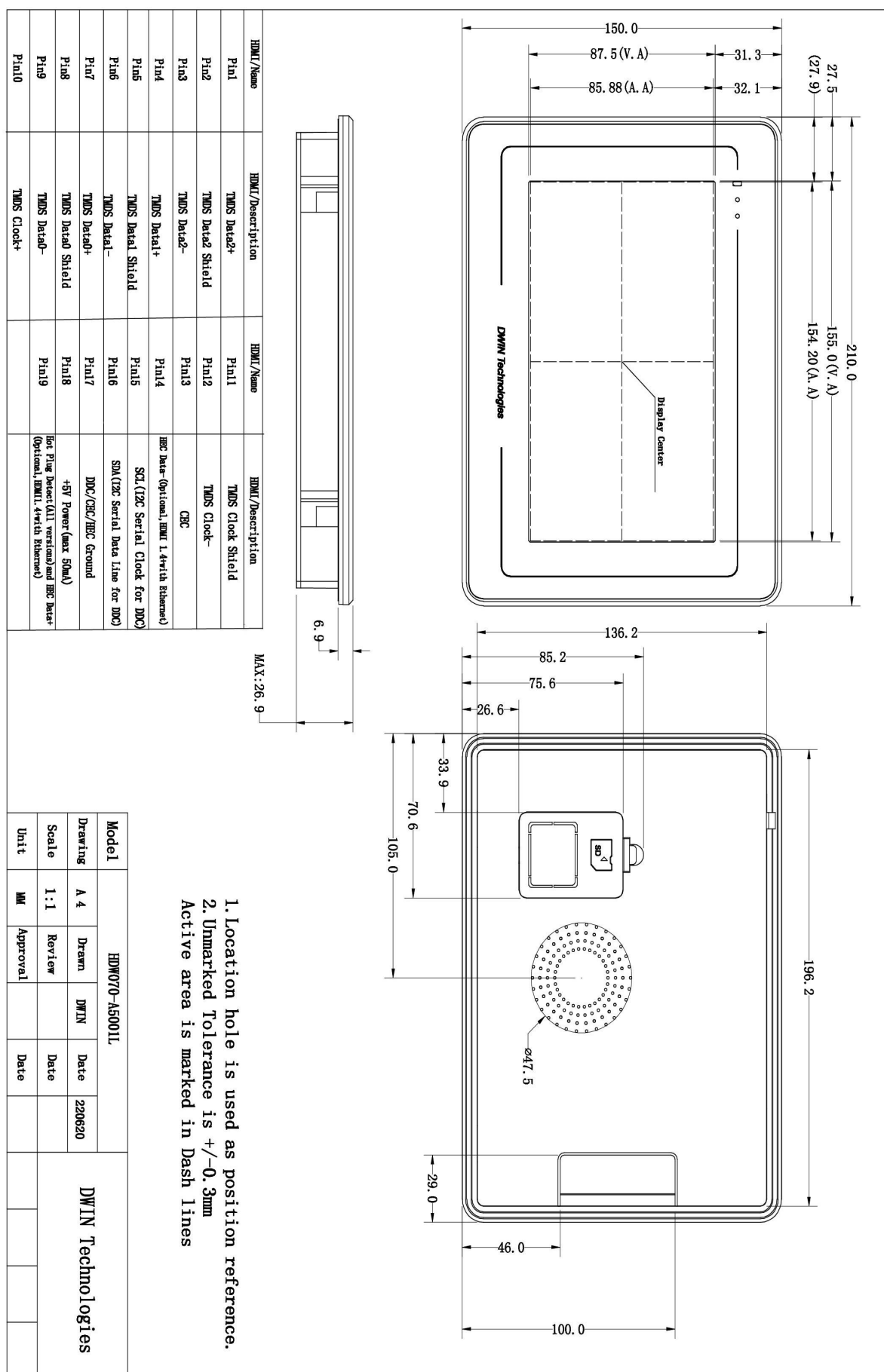
Item	Descriptions
Socket	6-36V Power interface, HDMI interface
USB Interface	Yes (Connect USB capacitive touch screen)
SD Card Slot	None

● Peripheral

Peripheral	Capacitive touch panel
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● Packing Capacity & Dimension

Dimension				
Dimension	210.0(W)×150.0(H)×26.5(T)mm			
Net Weight	520g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(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:	450mm(L)×350mm(W)×300mm(H)	1	16	16
Carton5:	600mm(L)×450mm(W)×300mm(H)	1	30	30

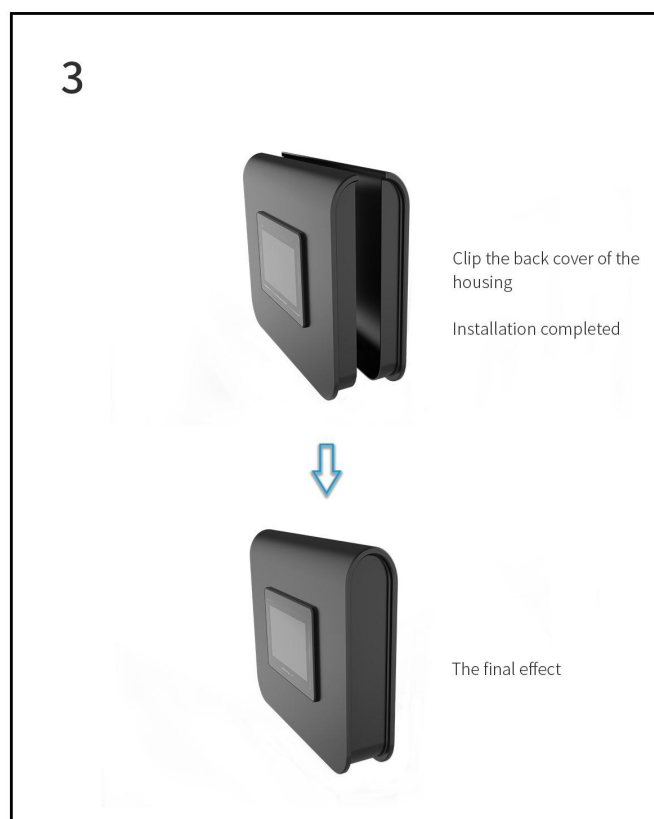
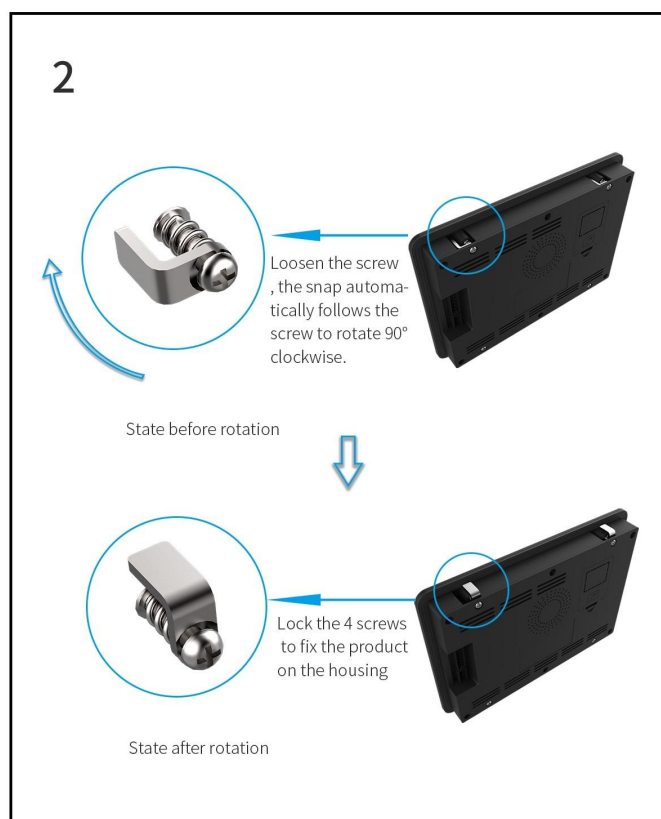
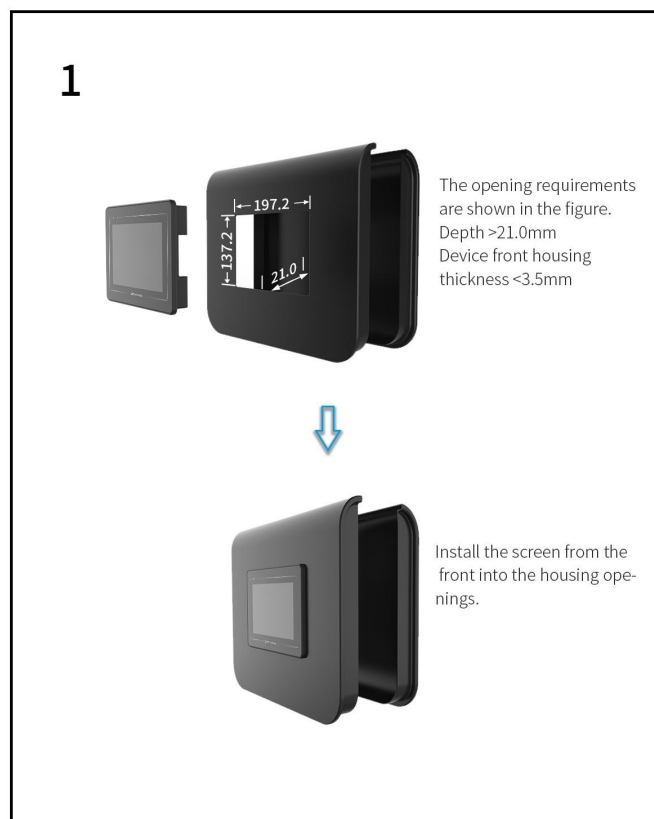


1. Location hole is used as position reference.
2. Unmarked Tolerance is $\pm 0.3\text{mm}$

Active area is marked in Dash lines

Model	HDW070-A50011				DWIN Technologies			
Drawing	A 4	Drawn	DWIN	Date	220620			
Scale	1:1	Review		Date				
Unit	MM	Approval		Date				

Installation Schematic



Record records

Ver	Revise Date	Content	Editor
00	2022-12-5	First Edition	Kaya
01	2023-06-02	Update picture	Kaya

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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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