

HDW080_A5001L

8.0 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.)	162.1mm(W)x121.5mm(H)	1024x768
Resolution	1024x768	-
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..		

● Touch Parameters

Touch Panel	Capacitive touch panel
Material	Tempered cover glass

● Voltage & Current

Item	Descriptions	
Power Voltage	9~36V, typical value 12V	
Current parameters	450mA	VCC=9V (Minimum starting voltage)
	340mA	VCC=12V (Standard supply voltage)
	125mA	VCC=36V (Maximum supply voltage)
Recommended power supply: 12V 1A DC		

● Reliability Test

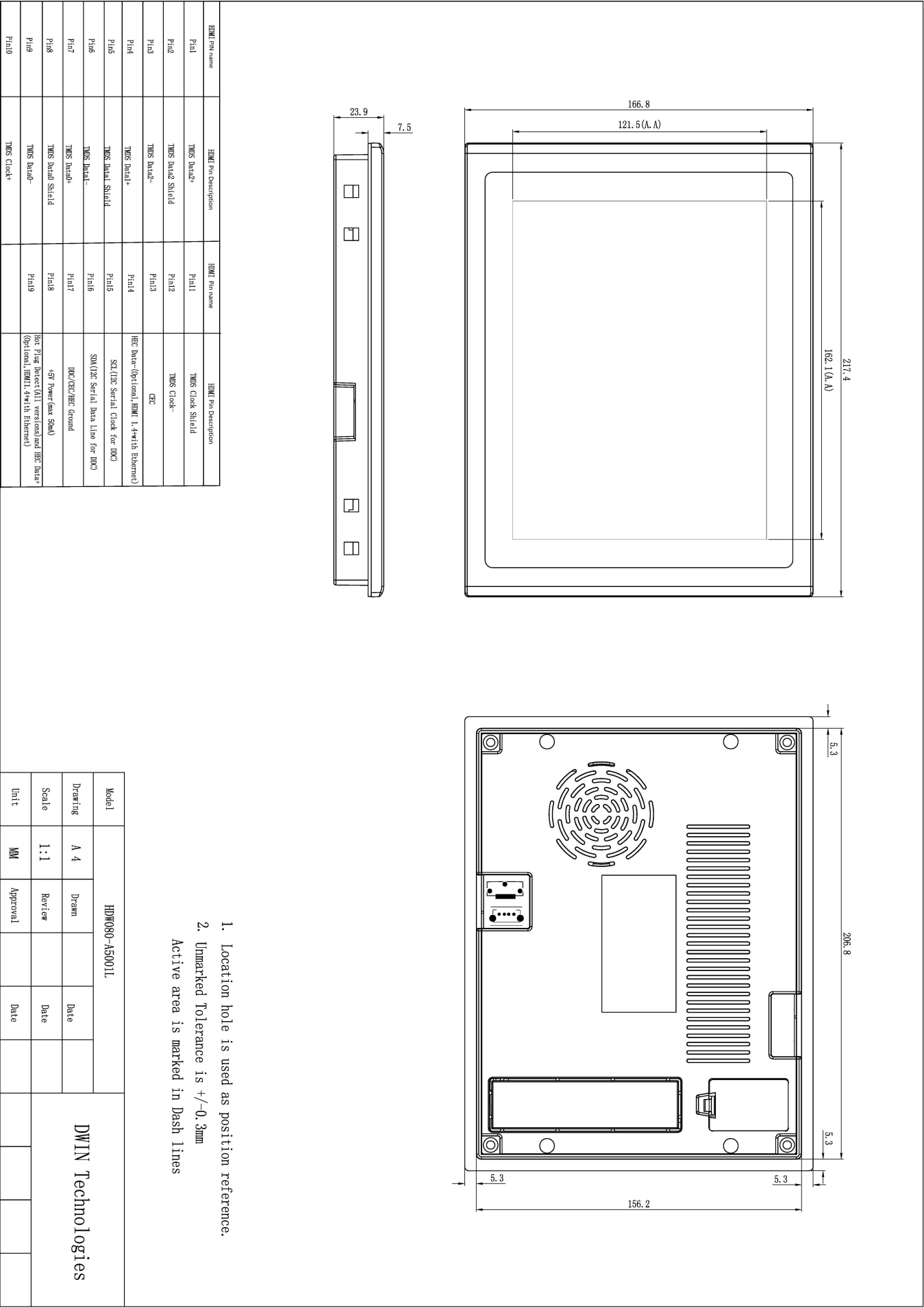
Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
ESD	Air discharge ±8KV				

● Interface

Power Interface	3PIN_DC_DV Φ2.1
Display Interface	HDMI_S
Touch Interface	USB 2.0

● Packing Capacity & Dimension

Dimension				
Dimension	217.4(W)x166.8(H)x23.9(T)mm			
Net Weight	610g			
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)	-	-	-
Carton5:	600mm(L)×450mm(W)×300mm(H)	1	20	20



Revision records

Rev	Revise Date	Content	Editor
00	2023-04-23	First Edition	Kaya
01	2025-01-22	Update Current Parameters	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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