

HDW070_008LZ02

7 Inch, 1024xRGBx600, 16.7M Colors, IPS screen

Capacitive Touch, HDMI interface display



Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-07	First Edition	Kaya

● 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.)	154.08mm(W)*85.92mm(H)	1024*600
View Area (V.A.)	154.08mm(W)*85.92mm(H)	1024*600
Resolution	1024*600	Support 0°/90°/180°/270°rotated display
Backlight	LED	≥20000H (Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	600nit	-

Note: You can use dynamic screen saver wallpapers to avoid afterimages caused by fixed page display for a long time.

● Voltage & Current

Item	Description	
Power Voltage	6~36V, typical value of 12V	
Current parameters	720mA	VCC=6V (Minimum starting voltage)
	330mA	VCC=12V (Standard supply voltage)
	140mA	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	°C
Storage Temperature	-	-30	25	80	°C
Working Humidity	25°C	10%	60%	90%	RH
Electrostatic discharge test	Contact discharge	-	±6KV	-	-
	Air discharge	-	±8KV	-	-
EFT		-	±2KV	-	-

● Interface

Item	Description
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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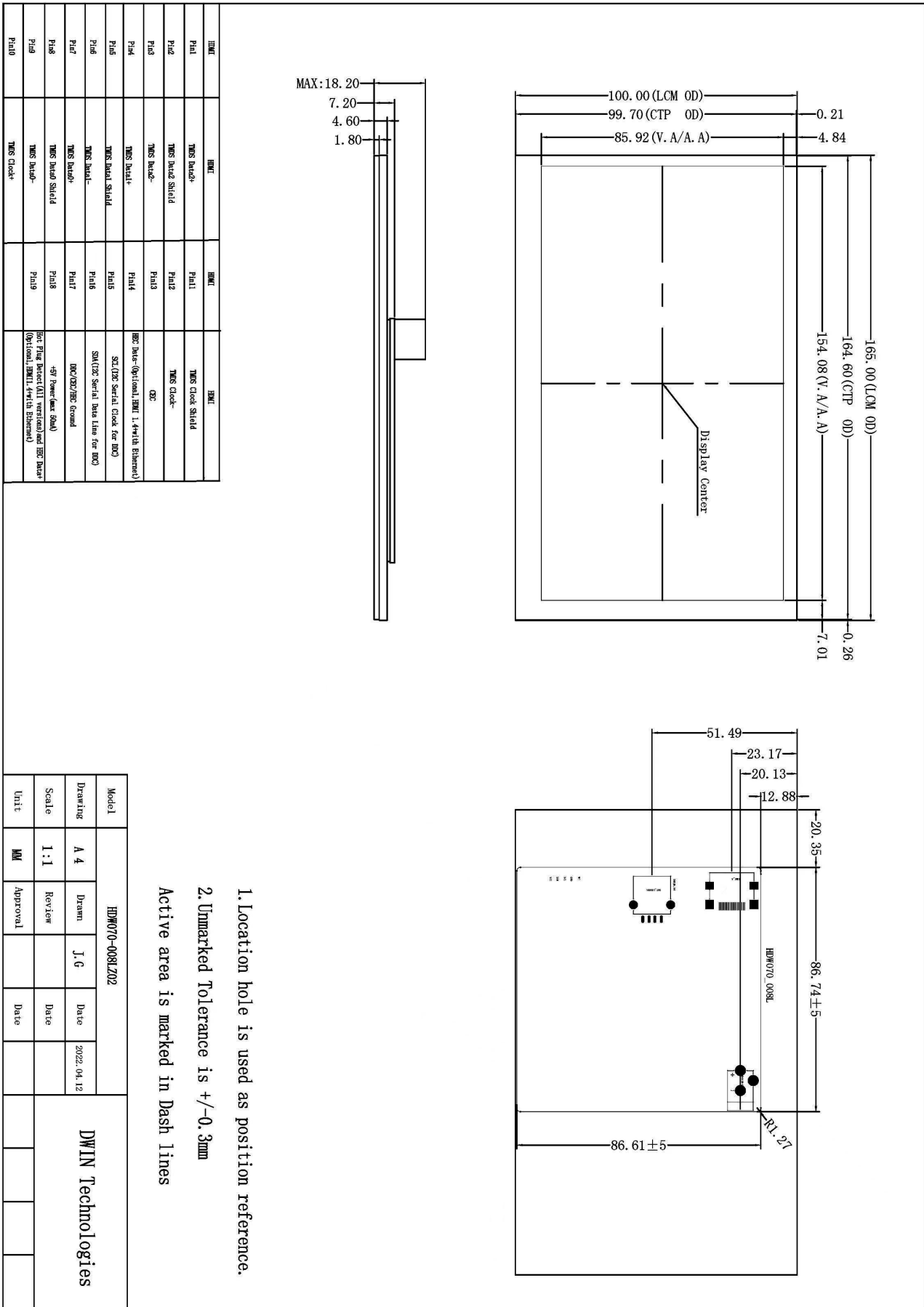
● Packing Capacity & Dimension

Dimension				
Dimension	184.08(W)×115.92(H)×17.75(T)mm			
Net Weight	200g			
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)	2	2	4
Carton4:	450mm(L)×350mm(W)×300mm(H)	1	20	20
Carton5:	600mm(L)×450mm(W)×300mm(H)	1	34	34

Disclaimer:

- 1, The product design is subject to alternation and improvement without prior notice.
- 2, 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.

DWIN Technologies Technical Document



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

Model		HDW070-008LZ02					
Drawing	A 4	Drawn	J.G			Date	2022.04.12
Scale	1 : 1	Review				Date	
Unit	MM	Approval				Date	

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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