

# HDW070\_007L

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



### Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-20	First Edition	Kaya

## ● Display

Item	Parameter	Description
Color	16.7M(16777216)colors	24 bit color 8R8G8B
Panel Type	IPS	High contrast,good color reproduction,wide viewing angle(typical value is 85/85/85/85)
Viewing Angle	85/85/85/85(L/R/U/D)	-
Active Area (A.A.)	154.08mm(W) ×85.92mm(H)	1024x600
View Area (V.A.)	154.08mm(W) ×85.92mm(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	300nit	-

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

## ● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	6	12	36	V

## ● 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

## ● Interface

Item	Description
Socket	Power interface, HDMI interface
USB Interface	Yes
SD Card Slot	None

## ● Peripheral

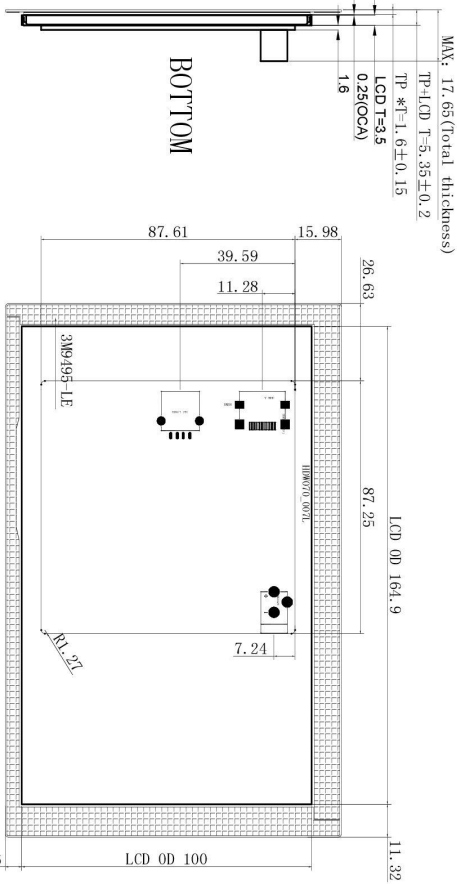
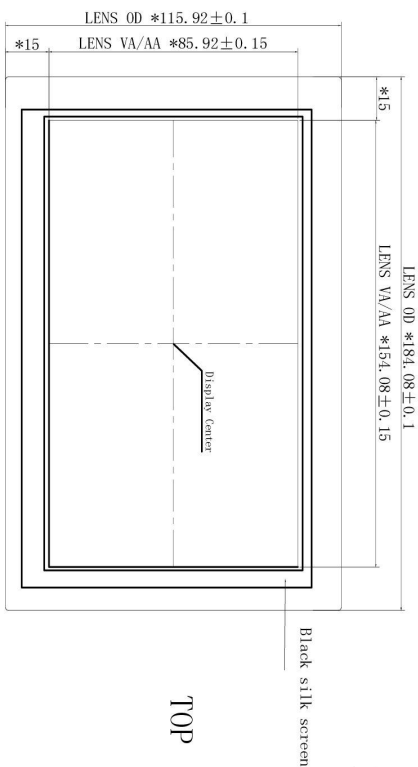
Peripheral	Capacitive touch panel
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● **Packing Capacity & Dimension**

Dimension				
<b>Dimension</b>	184.08(W)×115.92(H)×17.75(T)mm			
<b>Net Weight</b>	211g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
<b>Carton1:</b>	220mm(L)×160mm(W)×47mm (H)	-	-	-
<b>Carton2:</b>	250mm(L)×200mm(W)×80mm (H)	2	1	2
<b>Carton3:</b>	320mm(L)×270mm(W)×80mm (H)	2	2	4
<b>Carton4:</b>	450mm(L)×350mm(W)×300mm(H)	1	20	20
<b>Carton5:</b>	600mm(L)×450mm(W)×300mm(H)	1	34	34

Disclaimer: The product design is subject to alternation and improvement without prior notice.

DWIN Technologies Technical Document



Pin	Function	Pin	Function
Pin1	TMOS Data2+	Pin11	TMOS Clock Shield
Pin2	TMOS Data2 Shield	Pin12	TMOS Clock-
Pin3	TMOS Data2-	Pin13	CEC
Pin4	TMOS Data+	Pin14	HFC Data- (Optional, HDMI 1.4+with Ethernet)
Pin5	TMOS Data1 Shield	Pin15	SCI (I2C Serial Clock for DDC)
Pin6	TMOS Data-	Pin16	SDA (I2C Serial Data Line for DDC)
Pin7	TMOS Data0+	Pin17	DDC/CEC/HFC Ground
Pin8	TMOS Data0 Shield	Pin18	+5V Power (max 50mA)
Pin9	TMOS Data0-	Pin19	Hot Plug Detect (ALL version) and HFC Data- (Optional, HDMI 1.4+with Ethernet)
Pin10	TMOS Clock+		

Pin name	Pin definition	Pin description
VCC	1	+5V
D-	2	USB-
D+	3	USB+
GND	4	GND

Model	HDW070-007L		
Drawing	A 4	Drawn	G. Y
Scale	1 : 1	Review	
Unit	MM	Approval	
		Date	2022.01.13
		Date	
		Date	
DWIN Technologies			

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