

HDW043_001L

4.3 Inch, 480xRGBx800, 16.7M Colors, IPS screen, CTP



Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-15	First Edition	Kaya

● Display

Item	Parameter	Description
Color	16.7M(16777216)colors	24 bit color 8R8G8B
Panel Type	IPS	IPS process TFT LCM ,wide viewing angle
Viewing Angle	85/85/85/85 (L/R/U/D)	Best View: symmetrical
Active Area (A.A.)	93.6mm (W) × 56.2mm (H)	480x800
View Area (V.A.)	94.0mm (W) × 56.6mm (H)	480x800
Resolution	480x800	Support 0°/90°/180°/270°rotated display
Backlight	LED	>10000 hours (Time of the brightness decaying to 50% on the condition of continuous working with the maximum brightness)
Brightness	250nit	-
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	-	3.6	5.0	6.0	V
Operation Current	VCC = +5V, Backlight on	-	-	-	mA
	VCC = +5V, Backlight off	-	-	-	mA
Recommended power supply: 5V 1A DC					

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 5V voltage	-20	25	70	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
Protective Paint	-	-	None	-	-

● Interface

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

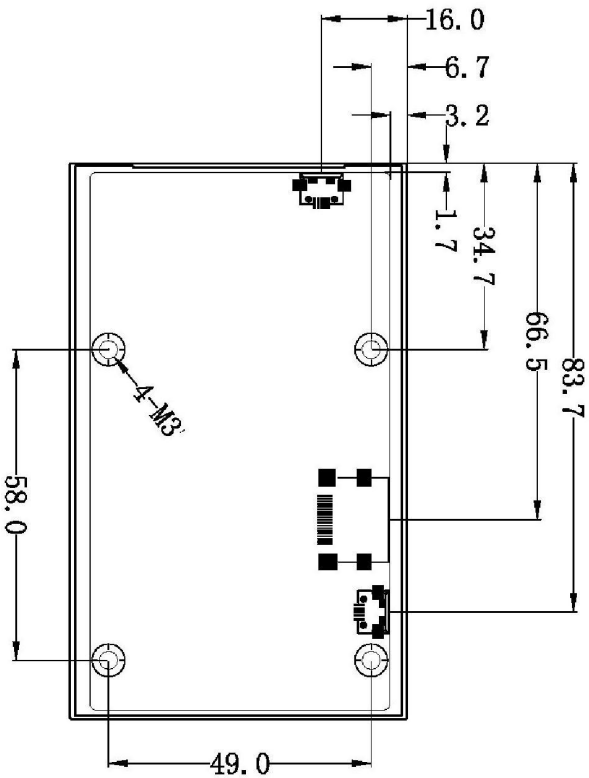
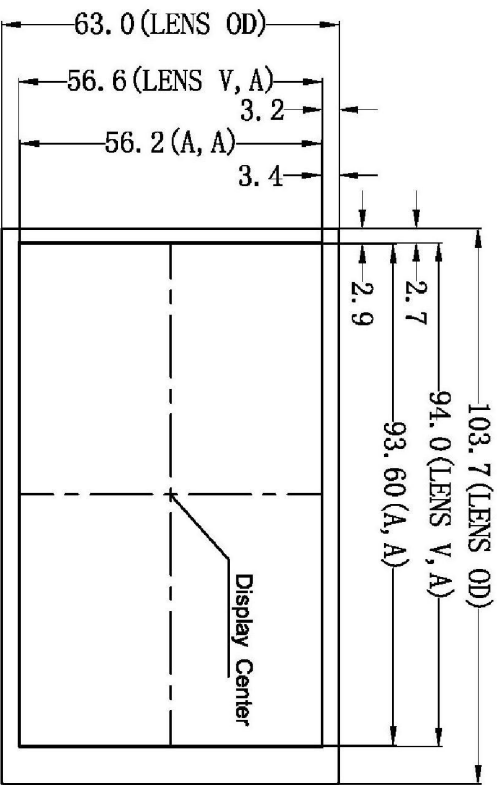
● Peripheral

Peripheral	
Peripheral	Capacitance touch panel

● Packing Capacity & Dimension

Dimension				
Dimension	103.7(W)×63.0(H)×15.20(T)mm			
Net Weight	90g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	220mm(L)×160mm(W)×47mm (H)	1	2	2
Carton2:	250mm(L)×200mm(W)×80mm (H)	2	2	4
Carton3:	320mm(L)×270mm(W)×80mm (H)	2	4	8
Carton4:	450mm(L)×350mm(W)×300mm(H)	2	30	60
Carton5:	600mm(L)×450mm(W)×300mm(H)	2	60	120

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



Pin name	Pin description	Pin name	Pin description
Pin1	TMOS Data2+	Pin11	TMOS Clock Shield
Pin2	TMOS Data2 Shield	Pin12	TMOS Clock-
Pin3	TMOS Data2-	Pin13	CEC
Pin4	TMOS Data1+	Pin14	HEC Data-Optional/DMT 14with Ethernet
Pin5	TMOS Data1 Shield	Pin15	SCL/CEC Serial Clock for DDC3
Pin6	TMOS Data1-	Pin16	SDA/CEC Serial Data Line for DDC3
Pin7	TMOS Data0+	Pin17	DDC/CEC/HEC Ground
Pin8	TMOS Data0 Shield	Pin18	+5V Poweraux 50mA
Pin9	TMOS Data0-	Pin19	Hot Plug Detection versioned HEC Data+ Optional/DMT14with Ethernet
Pin10	TMOS Clock+		

1.8
4.6
7.2
15.2 (MAX:WTC)

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

Model	HDW043-001L				DWIN Technology				
Drawing	A 4	Drawn	J. G	Date					2021.01.24
Scale	1:1	Review		Date					
Unit	MM	Approval		Date					