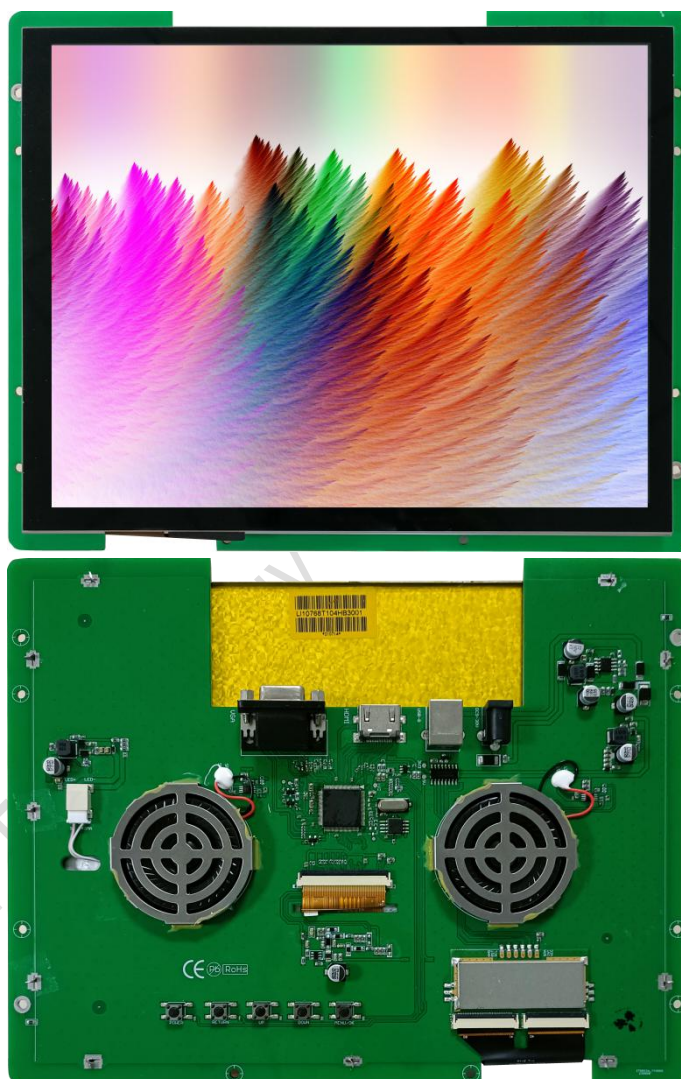


HDW104_001RTD

10.4-Inch, 1024*RGB*768, 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.)	211.2 mm(W)*158.4mm(H)	1024*768
View Area (V.A.)	210.6 mm(W)*159.3mm(H)	1024*768
Resolution	1024*768	-
Backlight	LED	≥20000H(Continuous working with maximum brightness, time of brightness halves)
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	Description	
Power Voltage	9~30V, Typical value 12V	
Current Parameters	680mA	VCC=9V (Minimum starting voltage)
	480mA	VCC=12V (Standard supply voltage)
	200mA	VCC=30V (Maximum supply voltage)

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 220V voltage	-20	25	70	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
ESD	Air discharge: ± 8KV				

● Interface

Item	Description
Socket	Power input interface, HDMI interface, VGA interface, USB touch interface
USB	Yes USB-B (Only supports touch screen connection)
SD Slot	None

● Peripheral

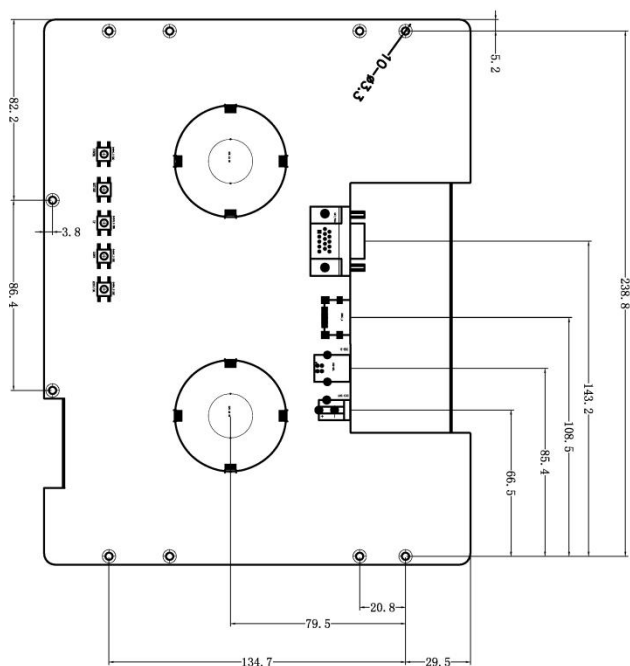
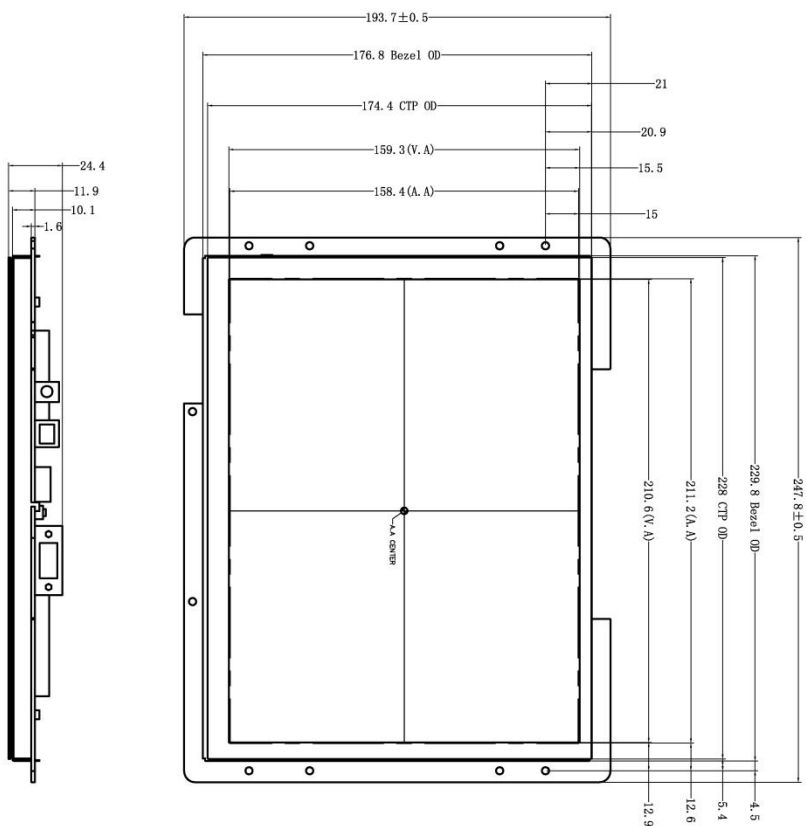
Peripheral	Capacitive touch panel, Speaker.
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● Packing Capacity & Dimension

Dimension				
Dimension	247.8(W)*193.7(H)*24.4(T)mm			
Net Weight	760g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	220mm(L)*160mm(W)*47mm (H)	-	-	-
Carton2:	250mm(L)*200mm(W)*80mm (H)	-	-	-
Carton3:	320mm(L)*270mm(W)*80mm (H)	2	1	2
Carton4:	450mm(L)*350mm(W)*300mm(H)	1	10	10
Carton5:	600mm(L)*450mm(W)*300mm(H)	1	16	16

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.



HDMI Pin	Pin Description	HDMI Pin	Pin Description
Pin1	TMS Data2+	Pin11	TMS Clock Shield
Pin2	TMS Data2 Shield	Pin12	TMS Clock-
Pin3	TMS Data2-	Pin13	GND
Pin4	TMS Data1+	Pin14	HDC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin15	SEL (I2C Serial Clock for HDC)
Pin6	TMS Data1-	Pin16	SIN (I2C Serial Data Line for HDC)
Pin7	TMS Data0+	Pin17	HDC/GND/HDC Ground
Pin8	TMS Data0 Shield	Pin18	+5V Power (aux 5V)
Pin9	TMS Data0-	Pin19	HDC Plug Bezel (All versions) and HDC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMS Clock+		

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	HDW104_001RTD			DWIN Technologies			
Drawing	A 4	Drawn	DWIN	Date	2023.09.18		
Scale	1:1	Review		Date			
Unit	MM	Approval		Date			



Revision Records

Rev	Revise Date	Content	Editor
00	2023-12-07	First Edition	YML

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!

Important Disclaimer

DWIN reserves the right to make any changes to product designs without prior notice.

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DWIN shall not bear any joint and several liability for any consequences that may arise from customers' adoption of DWIN products. In particular, for risks that may lead to significant property losses, environmental hazards, personal injury, or even death, especially in high-risk application areas such as military applications, flammable and explosive places, and life-saving medical equipment, customers should independently assess the risks and take corresponding preventive and protective measures. DWIN shall not bear any relevant responsibility.