

# 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

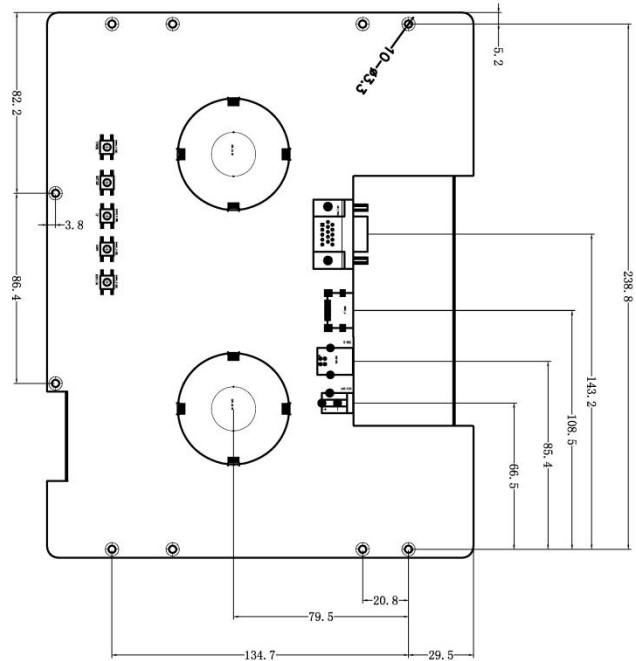
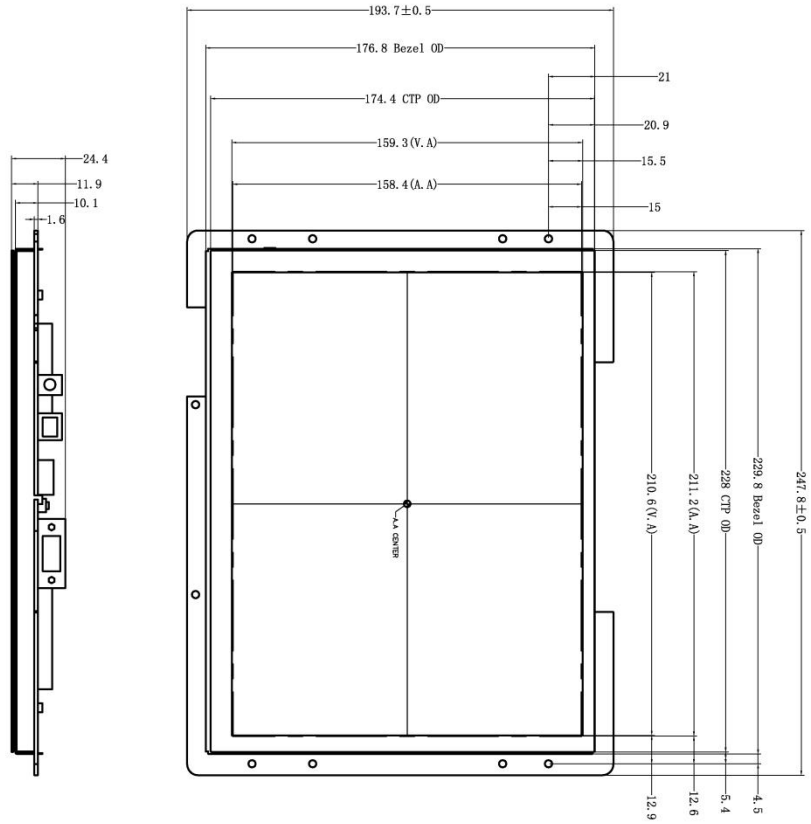
● **Peripheral**

<b>Peripheral</b>	Capacitive touch panel, Speaker.
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● **Packing Capacity & Dimension**

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

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



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	CEC
Pin4	TMS Data1+	Pin14	HEC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin15	SD (I2C Serial Clock for IMC)
Pin6	TMS Data1-	Pin16	SIM (I2C Serial Data Line for IMC)
Pin7	TMS Data0+	Pin17	DDC (I2C/CEC Ground)
Pin8	TMS Data0 Shield	Pin18	+5V Power (aux 5V)
Pin9	TMS Data0-	Pin19	Hot Plug Detect (All versions) and HEC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMS Clock+		

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

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

## Revision Records

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

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Thank you all for continuous support of DWIN, and your approval is the driving force of our progress!

DWIN Technology Technical Document