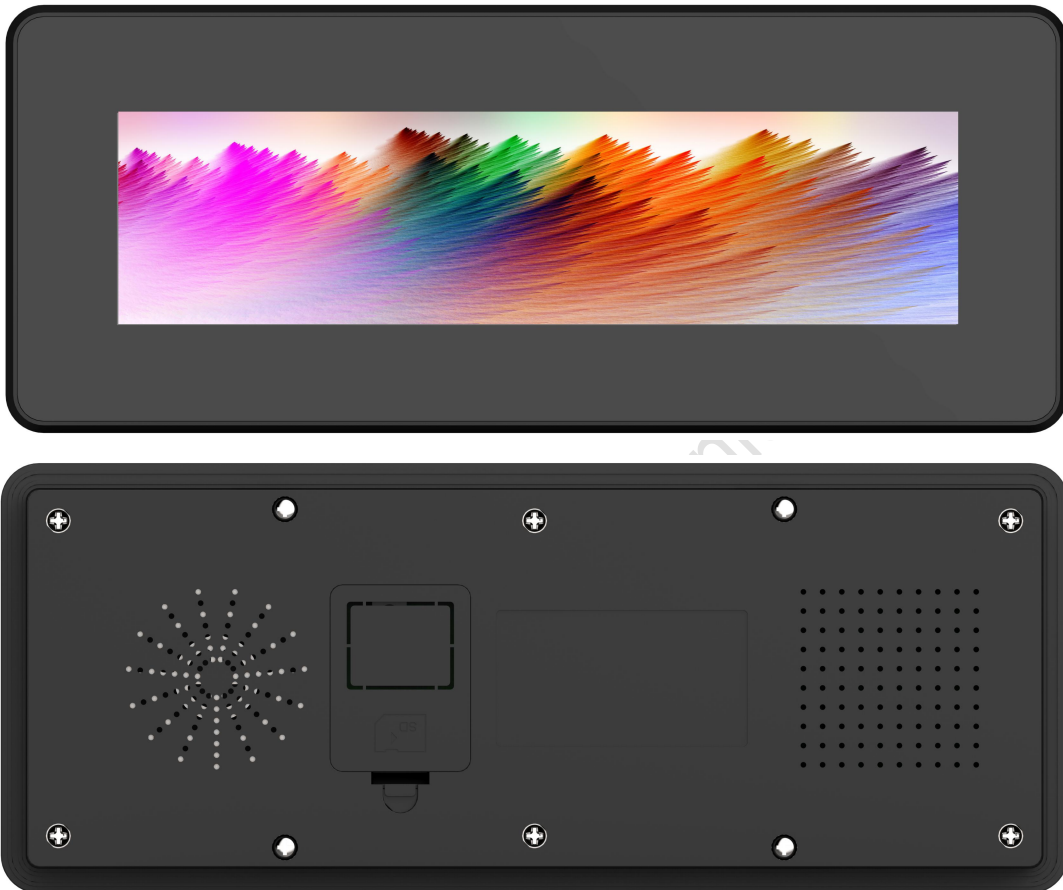


# HDW088\_A5001L

**8.88 Inch, 1920xRGBx480, 16.7M Colors, IPS screen**

**CTP, With shell, HDMI interface display**



## Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-09	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.)	219.68mm (W) ×55.52mm (H)	1920×480
View Area (V.A.)	219.68mm (W) ×55.52mm (H)	1920×480
Resolution	1920×480	Support 0°/90°/180°/270°rotated display
Backlight	LED	≥20000H (Continuous working with maximum brightness, time of the brightness decays to 50%)
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	Description	
Power Voltage	6~36V, typical value of 12V	
Current parameters	710mA	VCC=6V (Minimum starting voltage)
	340mA	VCC=12V (Standard supply voltage)
	120mA	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	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
Protective Level	IP65(Front)				

## ● Interface

Item	Description
Socket	Power interface, HDMI interface
USB Interface	Yes (Connect USB capacitive touch screen)
SD Card Slot	None

- **Peripheral**

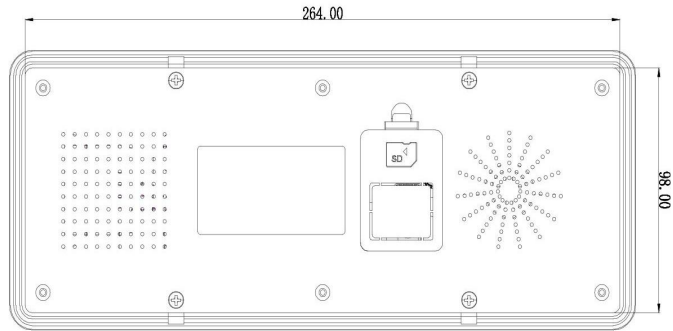
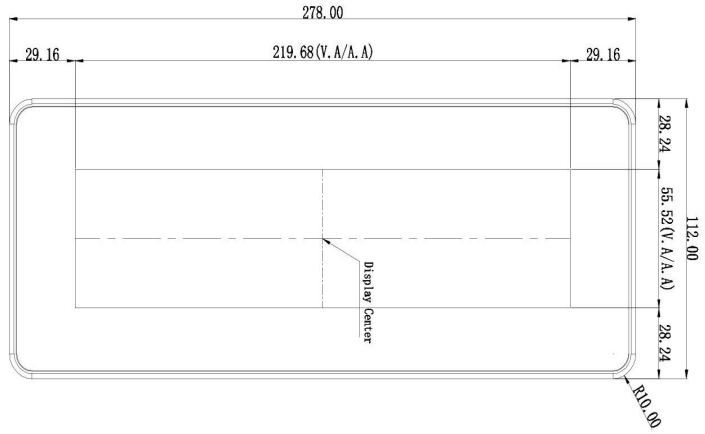
<b>Peripheral</b>	Capacitive touch panel
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- **Packing Capacity & Dimension**

Dimension				
<b>Dimension</b>	278.0(W)×112.0(H)×28.5(T)mm			
<b>Net Weight</b>	-			
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)	-	-	-
<b>Carton4:</b>	450mm(L)×350mm(W)×300mm(H)	-	-	-
<b>Carton5:</b>	600mm(L)×450mm(W)×300mm(H)	-	-	-

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

DWIN Technologies Technical Document



Name	Description	Name	Description
Pin1	TMS Data2+	Pin11	TMS Clock Shield
Pin2	TMS Data2 Shield	Pin12	TMS Clock-
Pin3	TMS Data2-	Pin13	CEC
Pin4	TMS Data1+	Pin14	HDC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin15	SC1 (I2C Serial Clock for DMC)
Pin6	TMS Data1-	Pin16	SN1 (I2C Serial Data Line for DMC)
Pin7	TMS Data0	Pin17	DMC/CEC/HDC Ground
Pin8	TMS Data0 Shield	Pin18	+5V Power (max 50mA)
Pin9	TMS Data0-	Pin19	Hot Plug Detect (All version) and HDC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMS Clock+		

Model	HDW088-A5001L		
Drawing	A 4	Draam	G. Y
Scale	1:1	Review	Date
Unit	MM	Approval	Date
<b>DWIN Technologies</b>			

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