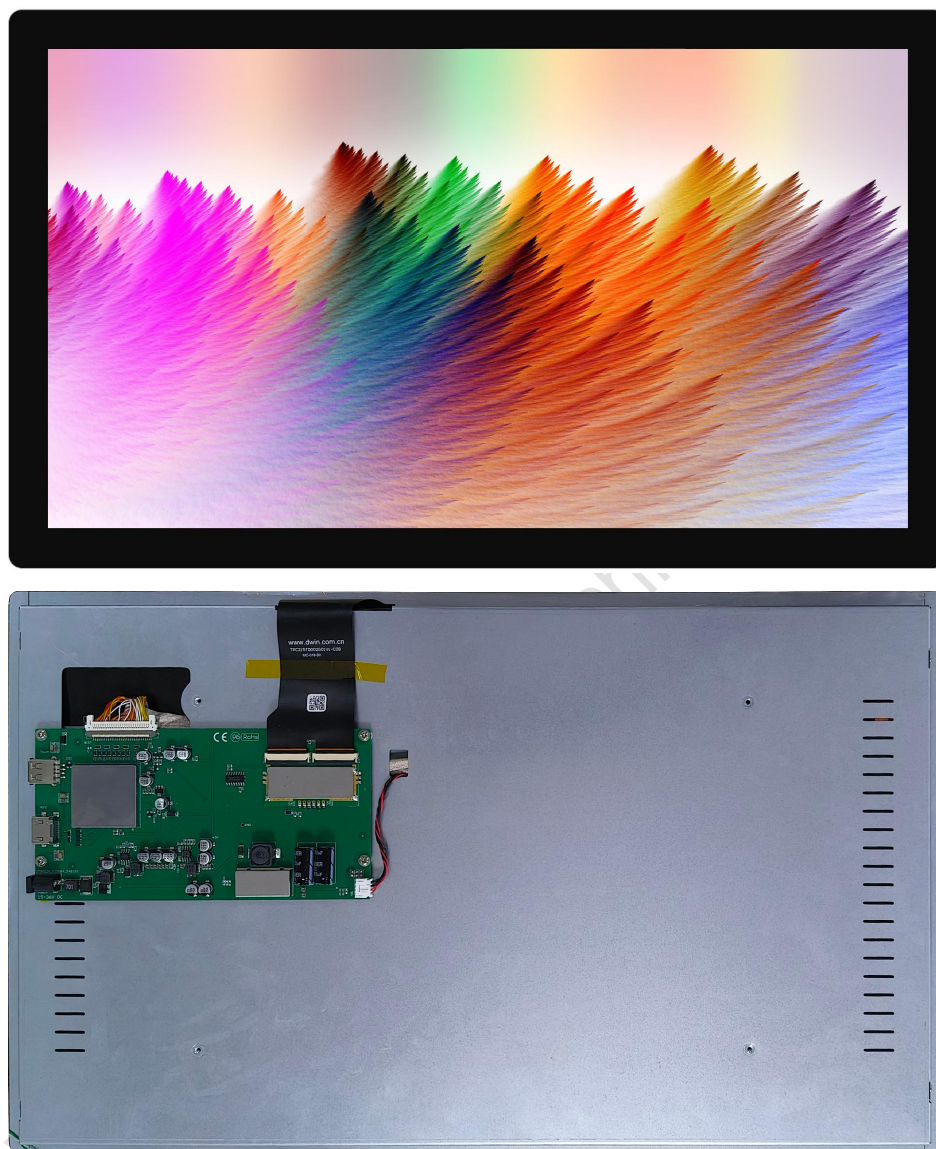


HDW215_001L

21.5 Inch, 1920xRGBx1080, 16.7M Colors

Capacitive touch, HDMI interface display



Note: The physical picture is a left and right flip picture.

● 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.)	476.06 mm(W)*267.88 mm(H)	1920*1080
View Area (V.A.)	477.24 mm(W)*268.71mm(H)	1920*1080
Resolution	1920*1080	Support 0°/90°/180°/270°rotated display
Backlight	LED	≥20000H (Continuous working with maximum brightness, time of brightness halves)
Brightness	200nit	-

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	15-36V, typical value 24V	
Operation Current	1450mA	VCC=15V (Minimum starting voltage)
	900mA	VCC=24V (Standard supply voltage)
	630mA	VCC=36V (highest voltage)
Recommended power supply: 24V 1.5A DC		

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 24V voltage	0	25	50	℃
Storage Temperature	-	-20	25	60	℃
Working Humidity	25℃	10%	60%	90%	RH
ESD	Contact discharge: ±6KV; Air discharge: ±8KV (GB/T 17626.2 B level and above)				
RE	CLASS B				

● Interface

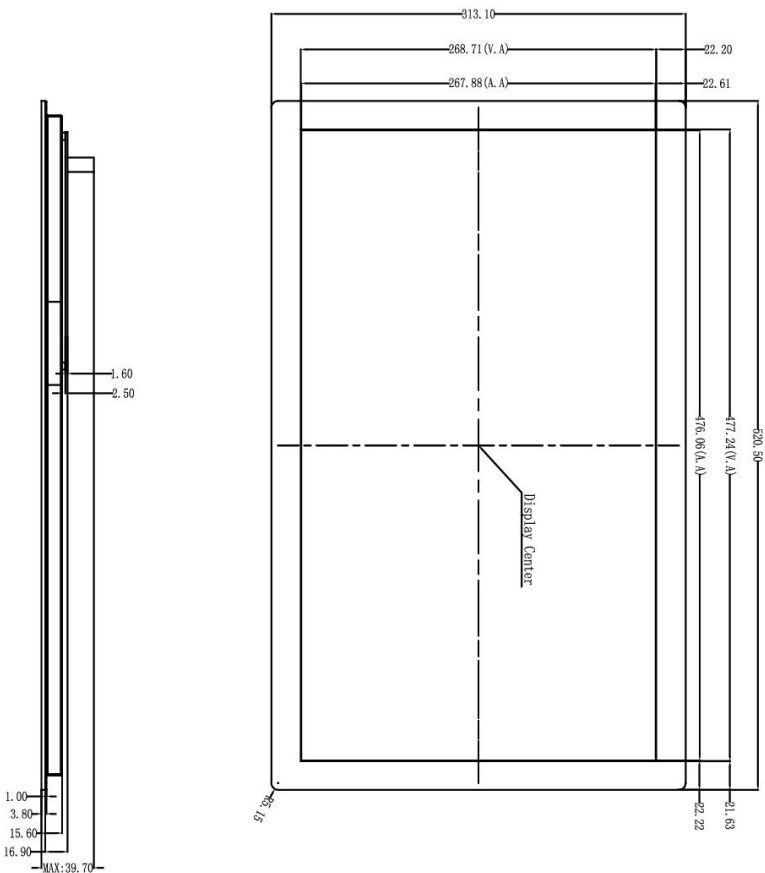
Item	Description
Socket	Power interface, HDMI interface
USB Interface	Yes

● Peripheral

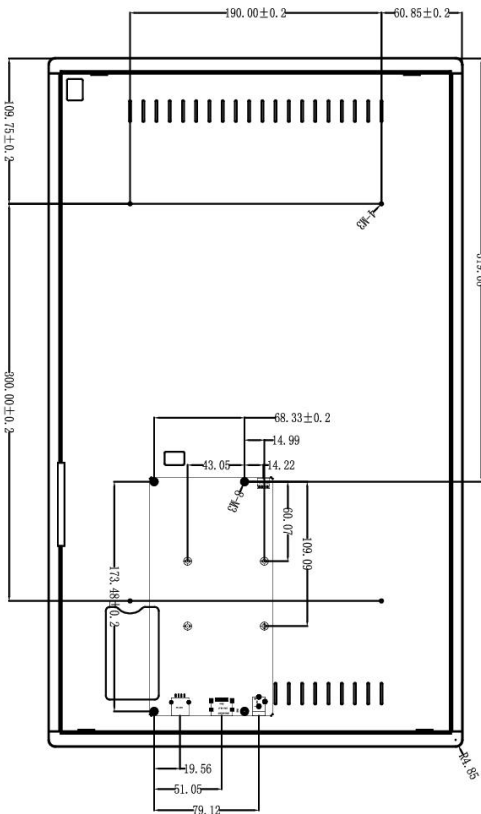
Peripheral	Capacitive touch panel
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● Packing Capacity & Dimension

Dimension				
Dimension	520.5(W)*313.1(H)*39.7(T)mm			
Net Weight	4200g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	610mm(L)*390mm(W)*100mm(H)	1	1	1



Pin name	Pin description	Pin name	Pin description
Pin1	TMDS Data2+	Pin11	TMDS Clock Shield
Pin2	TMDS Data2 Shield	Pin12	TMDS Clock-
Pin3	TMDS Data2-	Pin13	CEC
Pin4	TMDS Data1+	Pin14	HEC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMDS Data1 Shield	Pin15	SCL (I2C Serial Clock for DDC)
Pin6	TMDS Data1-	Pin16	SDA (I2C Serial Data Line for DDC)
Pin7	TMDS Data0+	Pin17	DDC/CEC/HEC Ground
Pin8	TMDS Data0 Shield	Pin18	+5V Power (max 500mA)
Pin9	TMDS Data0-	Pin19	Hot Plug Detect (All versions) and HEC Data+ (Optional, HDMI 1.4 with Ethernet)
Pin10	TMDS Clock+		



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

Model	HDW215-001L				DWIN Technology			
Drawing	A 4	Drawn	G. Y	Date				
Scale	1 : 1	Review		Date				
Unit	MM	Approval		Date				

Record of Revision

Rev	Revise Date	Content	Editor
00	2022-12-14	First Edition	Kaya
01	2024-02-21	EMC hardware upgrade, natural consumption of inventory	YML

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

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