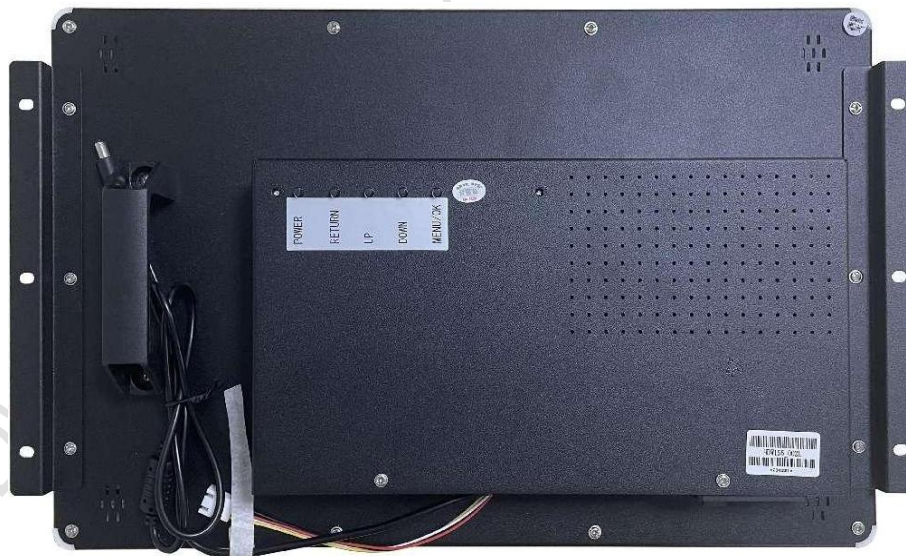


# HDW156\_002L

**15.6-Inch, 1920xRGBx1080, 16.7M Colors, IPS screen**

**CTP, 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.)	343.16 mm(W)× 192.59mm(H)	1920x1080
View Area (V.A.)	343.16 mm(W)× 192.59mm(H)	1920x1080
Resolution	1920x1080	-
Backlight	LED	≥20000H (Continuous working with maximum brightness, time of brightness halves)
Brightness	250nit	-

Note: Displaying of high-contrast still images for more than 30 minutes may result in residual images. Please add animation to avoid this problem.

## ● Voltage & Current

Item	Parameter	Unit
Rated Power	15	W
Operation Voltage	220	V

## ● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 220V voltage	0	25	50	℃
Storage Temperature	-	-20	25	60	℃
Working Humidity	25℃	10%	60%	90%	RH

## ● Interface

Item	Conditions	Min	Typ	Max	Unit
Socket	220V AC power input interface, 12V output interface, HDMI interface, VGA interface, 4Pin_2.0mm Audio output interface, USB touch interface				
USB Interface	Yes (Only supports touch screen connection)				
SD Card Slot	None				

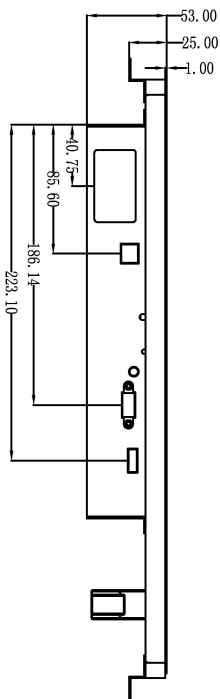
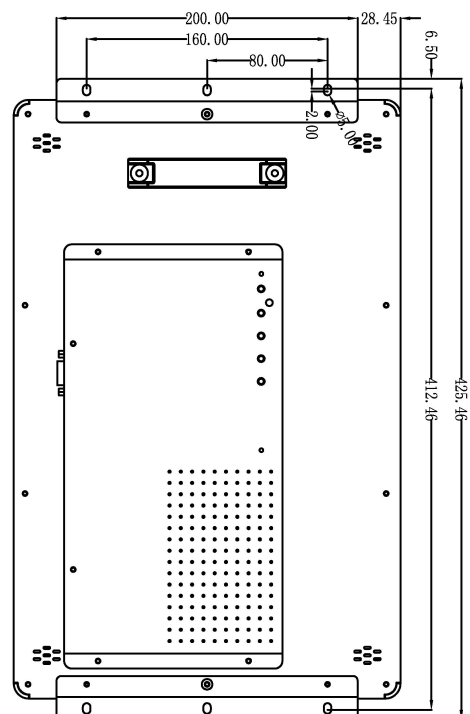
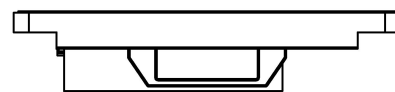
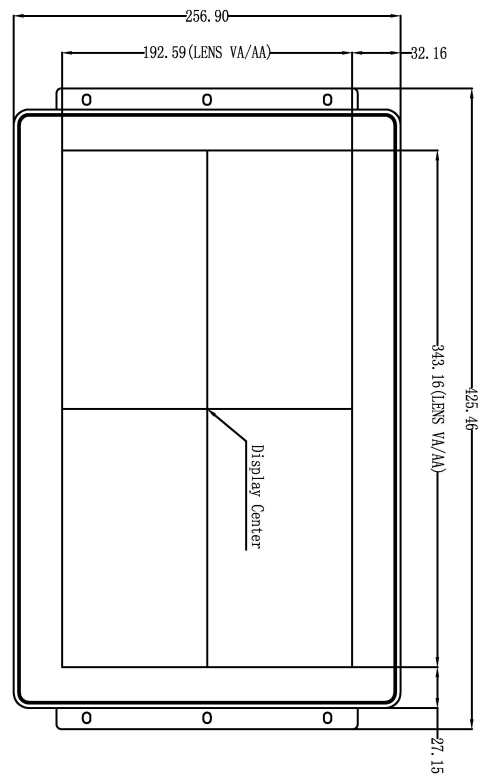
- **Peripheral**

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

<b>Dimension</b>			
<b>Dimension</b>	425.46(W)x256.90(H)x53.0(T)mm		
<b>Net Weight</b>	3110g		
<b>Packing Capacity</b>			
<b>Model</b>	<b>Layer</b>	<b>Quantity/Layer</b>	<b>Quantity(Pcs)</b>
blisterpack	1	1	1

DWIN Technology Technical Document



HDMI Name	HDMI Description	HDMI Name	HDMI Description
Pin1	TMS Data2-	Pin11	TMS Clock Shield
Pin2	TMS Data2 Shield	Pin12	TMS Clock-
Pin3	TMS Data2-	Pin13	CEC
Pin4	TMS Data1+	Pin14	HPC Data- (Optional, HDMI 1.4 with Ethernet)
Pin5	TMS Data1 Shield	Pin15	SC1 (I2C Serial Clock for DDC)
Pin6	TMS Data1-	Pin16	SM1 (I2C Serial Data Line for DDC)
Pin7	TMS Data0+	Pin17	DDC/CEC/HPC Ground
Pin8	TMS Data0 Shield	Pin18	+5V Power (max 50mA)
Pin9	TMS Data0-	Pin19	Hot Plug Detect (All versions) and HPC 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	HDW156-002L				
Drawing	A 4	Drawn	G. Y	Date	2023.04.06
Scale	1 : 1	Review		Date	
Unit	MM	Approval		Date	
DWIN Technologies					

**Revision records**

Rev	Revise Date	Content	Editor
00	2023-05-07	First Edition	Kaya

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

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:

- Customer service Tel: +86 400 018 9008
- Customer service email: [dwinhmi@dwin.com.cn](mailto:dwinhmi@dwin.com.cn)
- DWIN Developer Forum: <https://forums.dwin-global.com/>

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