

HDW190_AWTC

19.0-Inch, 1280*RGB*1024, 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
Module	G190EG01 V.1	by AU Optronics
Viewing Angle	85/85/85/85 (L/R/U/D)	Best View: symmetrical
Active Area (A.A.)	376.32 mm(W) * 301.06mm(H)	1280 * 1024
View Area (V.A.)	377.32 mm(W) * 302.06mm(H)	1280 * 1024
Resolution	1280 * 1024	-
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	16.8	W
Operation Voltage	12	V

● Reliability Test

Item	Conditions	Min	Typ.	Max	Unit
Working Temperature	60%RH at 12V voltage	0	25	50	°C
Storage Temperature	-	-20	25	60	°C
Working Humidity	25°C	10%	60%	90%	RH

● Interface

Item	Description
Socket	12V power interface, 4Pin_2.0mm power interface, HDMI interface, VGA interface, USB touch interface
USB	Yes (Only supports touch screen connection)
SD Slot	None

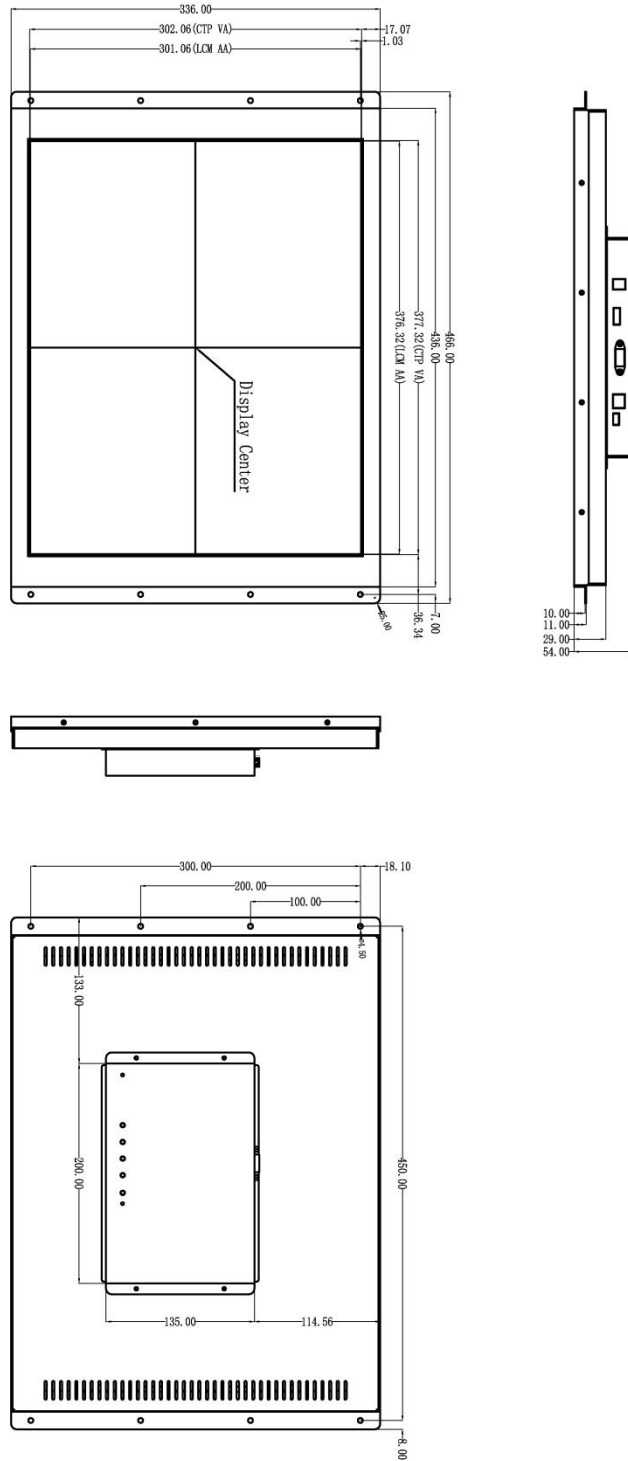
- **Peripheral**

Peripheral	Capacitive touch panel
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- **Packing Capacity & Dimension**

Dimension				
Dimension	466.00(W)*336.00(H)*54.00(T)mm			
Net Weight	-			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	610mm(L)*390mm(W)*100mm(H)	1	1	1
Carton2:	660mm(L)*440mm(W)*430mm(H)	5	1	5

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



Location hole is used as position reference.

Unmarked Tolerance is +/-0.3mm

Active area is marked in Dash Lines

Model	HDW190-AWTC			DWIN Technologies		
Drawing	A 4	Drawn	G, Y	Date	2023.11.21	
Scale	1:1	Review		Date		
Unit	MM	Approval		Date		

Revision Records

Rev	Revise Date	Content	Editor
00	2023-11-21	First Edition	YML

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Customer service Tel: +86-400-018-9008

Customer service E-mail: dwinhmi@dwin.com.cn

Website: www.dwin-global.com

DWIN Developer Forum: <https://forums.dwin-global.com/index.php/forums>

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