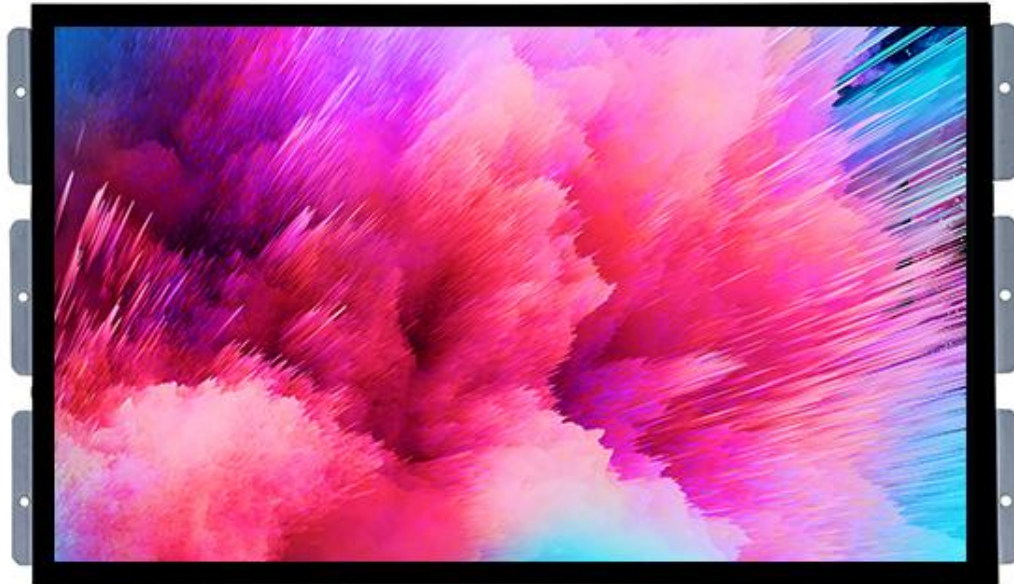


HDW185_001L

18.5 Inch, 1366xRGBx768, 16.7M Colors, IPS screen

CTP, HDMI interface display



Record of Revision

Ver	Revise Date	Content	Editor
00	2023-3-28	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)	409.8mm(W) ×230.4mm(H)	1366x768
View area(V.A)	411.4mm(W) ×232.5mm(H)	1366x768
Resolution	1366x768	-
Backlight	LED	≥20000H (Continuous working with maximum brightness, time of the brightness decays to 50%)
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	Descriptions	
Power Voltage	7~36V,tapical value of 12V	
Current parameters	1290mA	VCC=7V (Minimum starting voltage)
	700mA	VCC=12V (Standard supply voltage)
	-	VCC=24V (Maximum supply voltage)

Recommended power supply: 12V 1.5A 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

● Interface

Item	Descriptions
Socket	Power interface, HDMI interface, 8Pin_2.0mm power interface
USB interface	Yes (Connect USB capacitive touch screen)

● Peripheral

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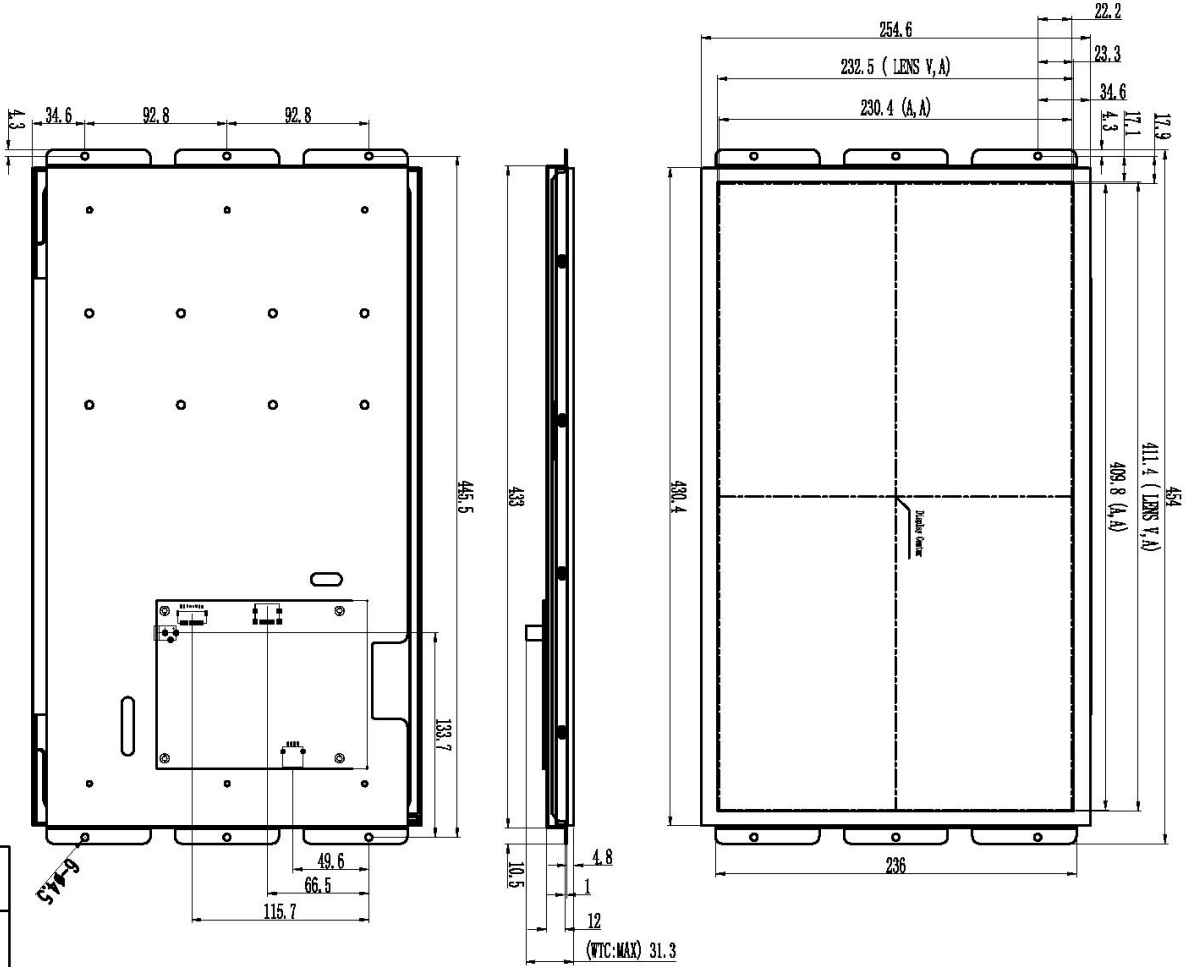
- **Packing Capacity & Dimension**

Dimension	
Dimension	454.0(W)×254.6(H)×31.3(T)mm
Net Weight	3045g

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

DWIN Technologies Technical Document

Definition	Part#	Type	Description
VIN	1.2	P	Frame Input
MC	3.4.5.6	-	Modified
QD	7.8	P	QD



Location hole is used as position reference.
 Unmarked Tolerance is $\pm 0.5\text{mm}$
 Active area is marked in Dash lines.

Model		HDW185-001L	
Drawing	M	Drawn	1.6
Scale	1:1	Review	
Unit	mm	Approval	

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