

HDW097_001L

**9.7-inch, 1024*768, 65K colors,
RTP, LVDS multimedia display**



1 Display parameters

Properties	Parameters	Description
Color	65K(65536)colors	16 bit color 5R6G5B
Viewing angle	70/70/50/70 (L/R/U/D)	-
Active area (A.A.)	196.6mm (W) ×147.5mm (H)	1024×768
Resolution	1024×768	Support 0°/90°/180°/270°rotated display
Backlight	LED	-
Brightness	300nit	64 grade brightness adjustment
Note:You can use dynamic screen saver wallpapers to avoid afterimages caused by fixed page display for a long time.		

2 Voltage & current

Item	Conditions	Min	Typical	Max	Unit
Power voltage	-	3.6	5.0	6.0	V
Operating Current	VCC = +5V, Backlight on	-	760	-	mA
	VCC = +5V, Backlight off	-	140	-	mA
Recommended power supply: 5V 2A DC					

3 Reliability test

Item	Conditions	Min	Typ	Max	Unit
Operating temperature	60%RH at 5V voltage	-20	25	70	℃
Storage temperature	-	-30	25	85	℃
Operating humidity	25℃	10%	60%	90%	RH

4 Interface parameters

Properties	Description
Interface cable	LVDS(VDD = +5.0V)
User interface	DVI-I interface

5 Peripheral

Peripheral	4-wire resistive touch screen
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6 Installation

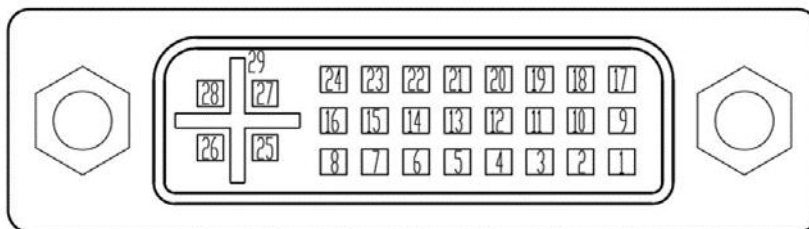
Properties	Description
Enclosure material	ABS+PC engineering material
Enclosure color	Black
Hole size	245.3(mm)×196.0(mm)
Installation depth	23.0 (mm) (maximum depth when connecting the connector)
Accessories	Waterproof rubber washers and buckles

7 Packaging & dimensions

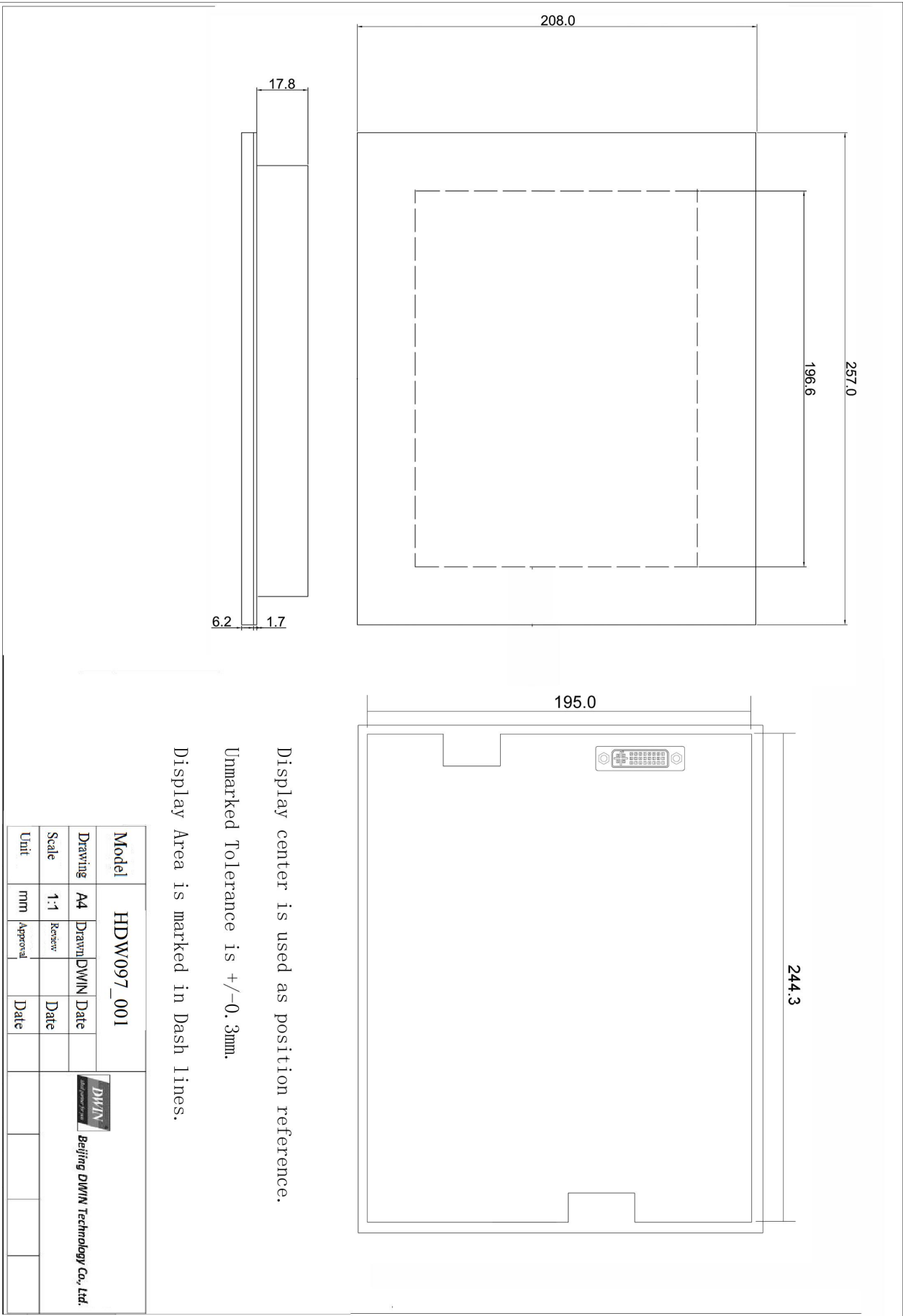
Form factor	257.0mm(l)×208.0mm(w)×24.0mm(h)	
Net weight	785g	
Packaging Standards		
Model	Dimensions	Quantity(Pcs)
Carton3	320mm(L)×270mm(W)×80mm (H)	2
Carton4	450mm(L)×350mm(W)×300mm(H)	10
Carton5	600mm(L)×450mm(W)×300mm(H)	16

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

DVI-I interface



Pin	Name	Function	Description
1	RX2-	Input	Negative electrode LVDS Differential data Input
2	RX2+	Input	Positive electrode LVDS Differential data Input
3	GND	Power	GND
4	BL_PWM	Input	Backlight dimming control, PWM is used to adjust brightness output.
5	NC	-	NC
6	VDD	Power	5.0V Power Input
7	VDD	Power	5.0V Power Input
8	VDD	Power	5.0V Power Input
9	RX1-	Input	Negative electrode LVDS Differential data Input
10	RX1+	Input	Positive electrode LVDS Differential data Input
11	GND	Power	GND
12	RX3-	Input	Negative electrode LVDS Differential data Input
13	RX3+	Input	Positive electrode LVDS Differential data Input
14	VDD	Power	5.0V Power Input
15	GND	Power	GND
16	GND	Power	GND
17	RX0-	Input	Negative electrode LVDS Differential data Input
18	RX0+	Input	Positive electrode LVDS Differential data Input
19	GND	Power	GND
20	USB_DM	I/O	USB D- signal
21	USB_DP	I/O	USB D+ signal
22	GND	Power	GND
23	RXCLK+	Input	Clock positive pole LVDS Differential data Input
24	RXCLK-	Input	Clock negative pole LVDS Differential data Input
25	VDD	Power	5.0V Power Input
26	VDD	Power	5.0V Power Input
27	NC	-	NC
28	NC	-	NC



HMI installation guide



Step.1: Embed the HMI in the hole;



The mounting holes are marked by the red circles.
The picture above shows the top view ,there are
the same mounting holes on the other side.

Step.2 : Place the buckles into the mounting holes as shown;



Step.3 : Tighten the screws to fix the HMI on the device.



8 Revision records

Version	Revise date	Content	Editor
00	2023-5-19	First Edition	Kaya

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:

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