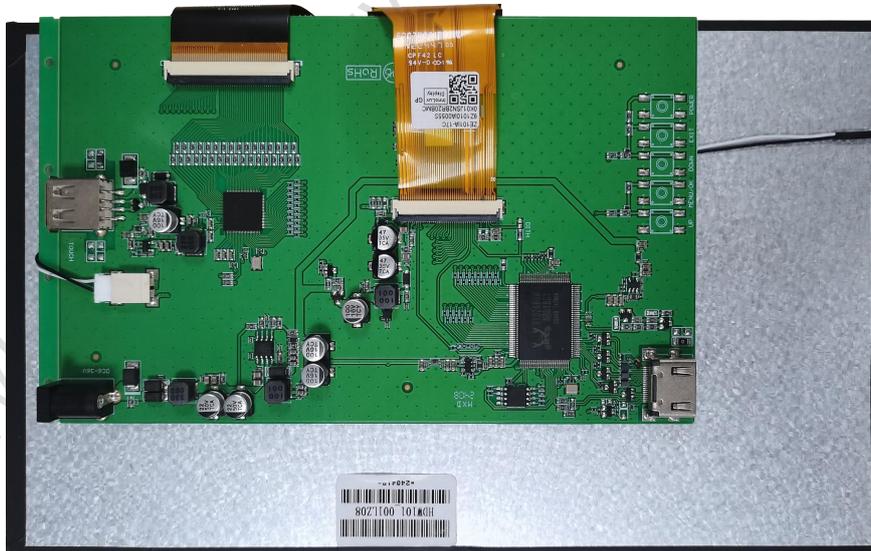


HDW101_001LZ08

10.1 Inch, 1024*RGB*600, 16.7M Colors, IPS screen

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.)	222.70(W)*125.30(H)	1024*600
Resolution	1024*600	-
Backlight	LED	≥20000H(Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	500nit	-

Note: You can use dynamic screen saver wallpapers to avoid afterimages caused by fixed page display for a long time.

● Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	6	12	36	V
Operating Current	VCC=12V	-	330	-	mA

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	°C
Storage Temperature	-	-30	25	80	°C
Working Humidity	25°C	10%	60%	90%	RH
ESD	Air discharge: ± 8KV				

● Interface

Item	Description
Socket	6-36V power interface, HDMI interface
USB Interface	Yes (Connected to touch screen)
SD Slot	None

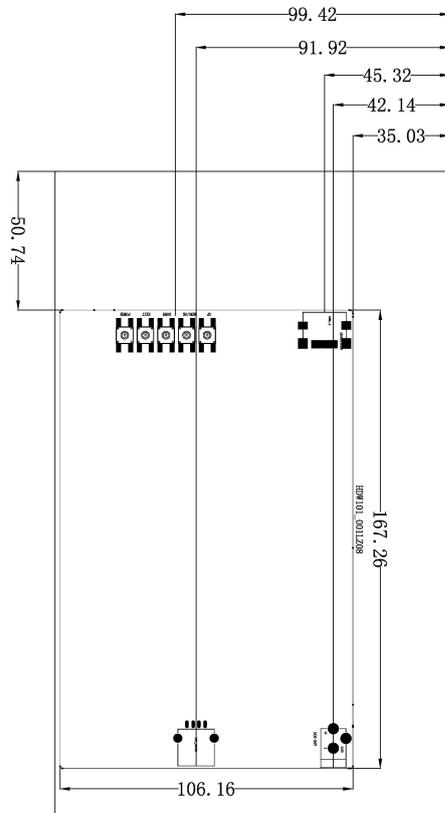
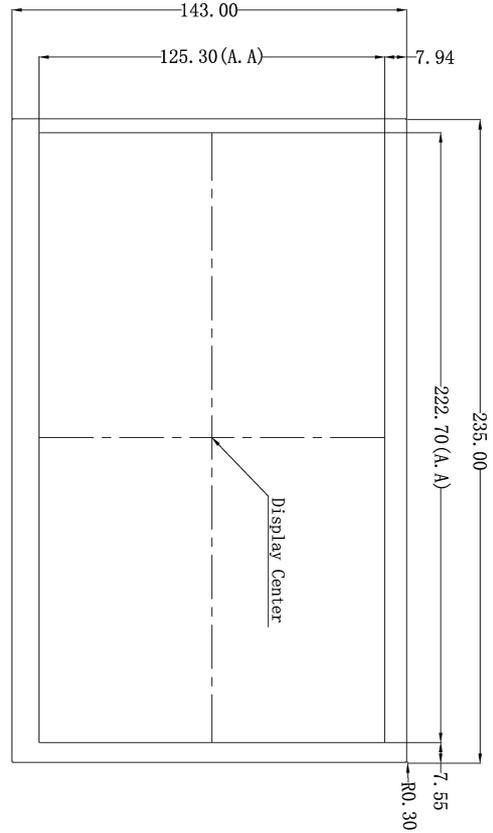
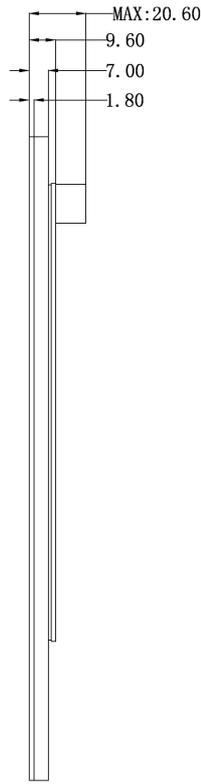
● Peripheral

Peripheral	Capacitive touch panel
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● Dimension

Dimension	235.00(W)*143.00(H)*20.60(T)mm
Net Weight	456g

HDMI Pin	Description	HDMI Pin	Description
Pin1	TMD5 Data2+	Pin11	TMD5 Clock Shield
Pin2	TMD5 Data2 Shield	Pin12	TMD5 Clock-
Pin3	TMD5 Data2-	Pin13	CRC
Pin4	TMD5 Data1+	Pin14	HRC Data- (Optional, HDMI 1.4+with Ethernet)
Pin5	TMD5 Data1 Shield	Pin15	SCL (I2C Serial Clock for DDC)
Pin6	TMD5 Data1-	Pin16	SMA (I2C Serial Data Line for DDC)
Pin7	TMD5 Data0+	Pin17	DDC/CSC/HRC Ground
Pin8	TMD5 Data0 Shield	Pin18	+5V Power(max 50mA)
Pin9	TMD5 Data0-	Pin19	Hot Plug Detect (All versions and HRC Data+ (Optional, HDMI 1.4+with Ethernet))
Pin10	TMD5 Clock+		



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

Model	HDW101-001LZ08				
Drawing	A 4	Drawn	G. Y	Date	2024.05.23
Scale	1:1	Review		Date	
Unit	MM	Approval		Date	

DWIN Technology

Revision records

Rev	Revise Date	Content	Editor
00	2022-04-11	First Edition	Kaya
01	2024-06-07	IC scheme change, update physical image	YML

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