

HDW101_007LZ01

10.1 Inch, 1280xRGBx800, IPS screen

OCA bonded capacitive touch panel, HDMI interface display



● Display Parameters

LCD Type	IPS, TFT LCD.
Viewing Angle	Wide viewing angle (85°/85°/85°/85° typical), high contrast, and good color reproduction.
Resolution	1280×800 Pixel
Active Area (AA)	216.80mm(W)×135.50mm (H)
Viewing Area (VA)	217.30mm(W)×136.00mm (H)
Backlight Service Life	>20000H
Brightness	900nit
Note: Use dynamic screen saver to prevent afterimages from prolonged fixed page display.	

● Touch Parameters

Touch Panel	OCA bonded capacitive touch panel
Material	Tempered cover glass
IK(cover)	IK08

● Electrical Specifications

Power Voltage	9~36V, typical value 12V.
Current Parameters	720mA@12V
Recommended power supply: 12V 1A DC.	

● Operating Environment & Reliability Test

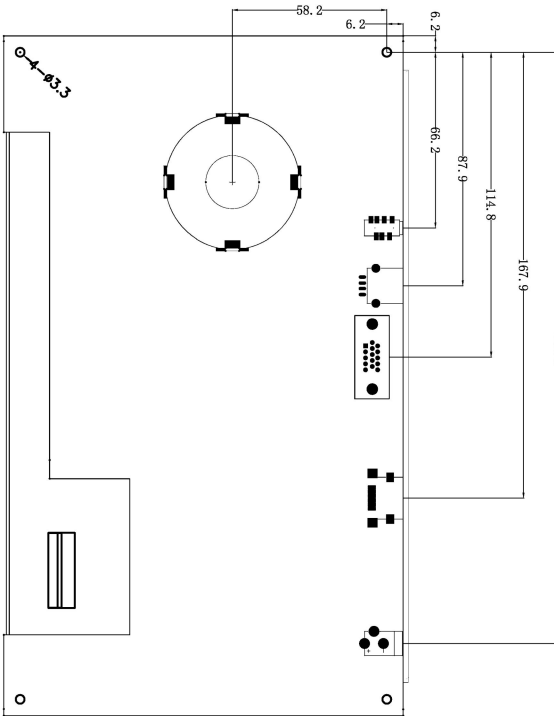
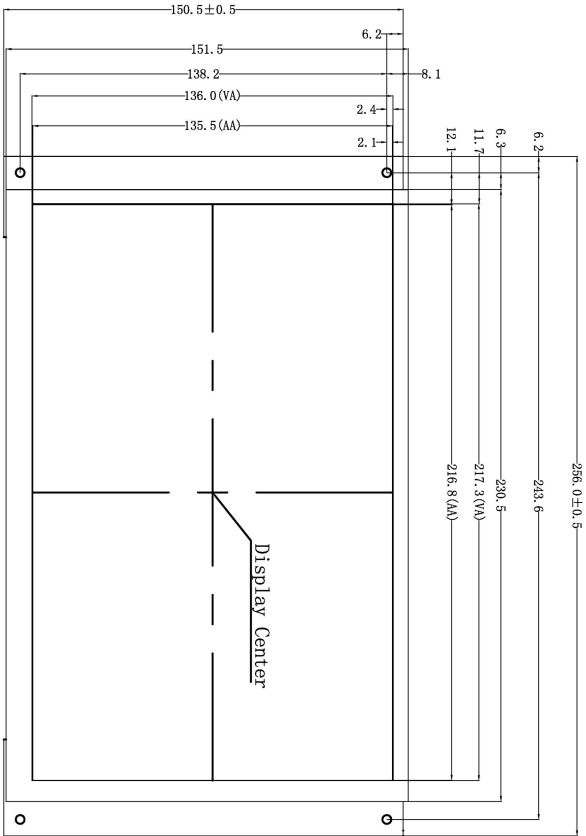
Item	Conditions	Min	Typ	Max	Unit
Operation Temperature	60%RH at 12V voltage	-30	25	85	°C
Storage Temperature	-	-30	25	85	°C
Operation Humidity	25°C	10%	60%	90%	RH
ESD	Contact: ±8KV; Air: ±15KV				
RE	CLASS B				
Anti-UV	Y				
Anti-Glare	Y				

● Hardware and Interface

Power Interface	3PIN_Φ2.0DH
Display Interface	HDMI port (23PIN_HDMI_SH) , VGA port(15PIN_DB9DHDS)
Touch Interface	Horizontal USB 2.0
Speaker	4Ω 2W onboard speaker

● Packing & Dimension

Dimension	256.0mm (W)×150.5mm (H)×25.8mm (T)			
Net Weight	-			
Model	Dimensions	Layer	Qty/Layer	Qty (pcs)
Carton1:	220mm(L)×160mm(W)×47mm (H)	-	-	-
Carton2:	250mm(L)×200mm(W)×80mm (H)	-	-	-
Carton3:	320mm(L)×270mm(W)×80mm (H)	2	1	2
Carton4:	435mm(L)×335mm(W)×290mm(H)	-	-	-
Carton5:	600mm(L)×430mm(W)×290mm(H)	1	20	20



Location hole is used as position reference.
Unmarked Tolerance is $\pm 0.3\text{mm}$
Active area is marked in Dash lines

Model	HDW101_007LZ01				DWIN Technologies			
Drawing	A 4	Drawn	J. G	Date				
Scale	1 : 1	Review		Date				
Unit	MM	Approval		Date				

● Revision Records

Rev	Revise Date	Content	Editor
00	2025-07-24	First Edition	Chen Xian

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