

HDW101_007L

10.1 Inch, 1280*RGB*800, 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
Viewing Angle	85/85/85/85 (L/R/U/D)	Best View: symmetrical
Active Area (A.A.)	216.96(W)x135.60(H)	1280x800
View Area (V.A.)	217.36(W)x136.00(H)	1280x800
Resolution	1280x800	-
Backlight	LED	≥20000H(Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	300nit	-

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	Conditions	Min	Typ	Max	Unit
Power Voltage	-	12	12	36	V
Operating Current	VCC=12V	-	310	-	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	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH
ESD	Air discharge: ±15KV, Contact discharge: ±8KV. GB/T 17626.4 B level and above				
RE	CLASS B				
Explosion-Proof (cover)	IK08				

● Interface

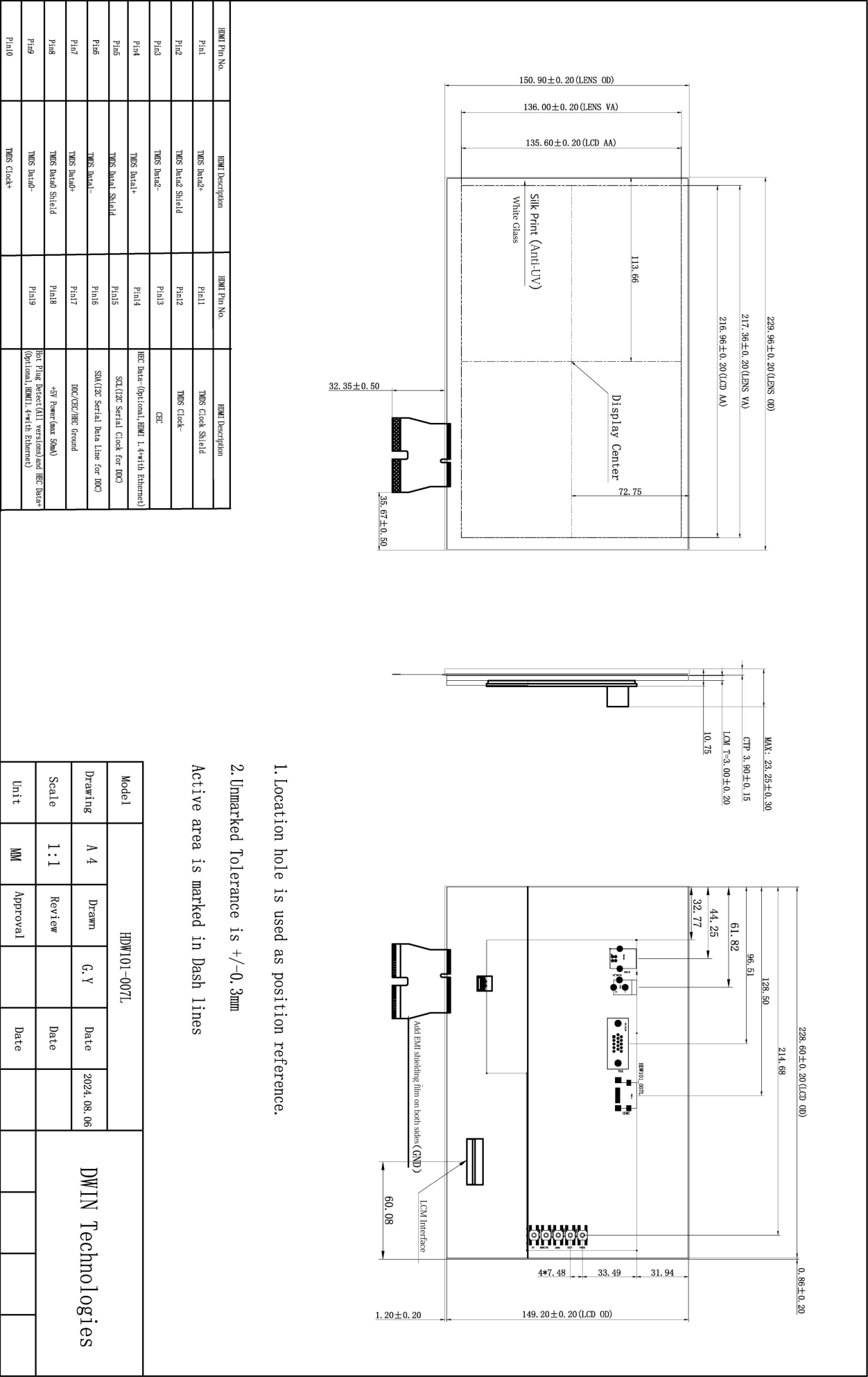
Item	Description
Socket	12-36V power interface, HDMI interface, VGA interface
USB Interface	Yes, USB-B (Connected to touch screen)
SD Card Slot	None

● Peripheral

Peripheral	Capacitive touch panel
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● Packing Capacity & Dimension

Dimension				
Dimension	229.96(W)*150.90(H)*23.25(T)mm			
Net Weight	580g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(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:	450mm(L)*350mm(W)*300mm(H)	1	10	10
Carton5:	600mm(L)*450mm(W)*300mm(H)	1	16	16



Revision records

Rev	Revise Date	Content	Editor
00	2024-08-07	First Edition	YML

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