

Shanghai Goodview Electronic Technology Co., Ltd.
Specification

A27HA1(Black Walnut)



Sign and Date by: _____

Customer

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Goodview

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Chapter II. Summary

2.1. Statement

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- Damage caused by natural disasters (floods, fires, earthquakes, lightning strikes, typhoons, etc.), force majeure or inadvertent use of man-made operations.
- Self-assemble, repair, or send the product to a maintenance shop not authorized or certified by Goodview for inspection and repair.
- Damages and faults caused by users who may or request a third party to modify, repair, alter specifications and install, add and expand parts that are not sold, authorized or approved by our company without authorization.
- Usage problems and faults caused by improper installation and setting of software by users themselves.
- Problems and malfunctions caused by computer viruses.
- Warranty identification label of our company is torn or unrecognizable.
- Other problems and faults caused by abnormal use.

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2.2. Safety instructions

Safety of Electrical

- ✧ In order to avoid serious damage caused by possible electric shock, please remove the power cord of the equipment temporarily from the power socket before moving the equipment
- ✧ When you want to add or remove the hardware device in the system, you must connect the data line of the device first and then the power line. If possible, unplug the power cord of the device before installing the hardware device.
- ✧ Before you connect or unplug any data lines from the module, make sure that all the power lines have been unplugged beforehand.
- ✧ Before using an extension card or an adapter card, we suggest that you seek for professional assistance first. These devices may interfere with the grounding circuit.
- ✧ Make sure that the voltage settings of the power supply have been adjusted to the voltage standard values used in the country/region. If you are not sure what the supply voltage value is in your area, please ask the local power company personnel nearby.
- ✧ If the power supply is damaged, please do not attempt to repair it by yourself. Please seek the help of professional technical service personnel.

Safety in operation

- ✧ Before you install modules and add hardware devices, be sure to read the relevant information provided in this manual in detail.
- ✧ Before using the product, make sure that all the data lines and power lines are connected correctly. If you find any defects, please contact Goodview as soon as possible.
- ✧ In order to avoid electrical short circuit, make sure that all unused screw, paper clip and other parts are put away, and do not leave them on the module or in the equipment.
- ✧ Dust, moisture and drastic temperature changes will affect the life of the motherboard, so please try to avoid placing them in these places.
- ✧ Do not place the equipment in a place that is easy to shake.
- ✧ If there are any technical problems in the use of this product, please contact the technicians who have been verified or experienced.


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Chapter III. Product Parameter

3.1. Main Technical Parameters

NO	Subtype	Name	Parameter	Unit	Note
1		Panel	27 inches (68.6mm) LED backlight		
2	Product Parameter	Product size (mm)	711.1(H)×449.7(V)×33.95(D)	mm	
3		Active size (mm)	597.89mm(H) ×336.31mm(V))	mm	
4		Color	White / Black walnut frame		
5		Weight (Gross)	7.7	KG	
6		Weight (Net)	5.4	KG	
7		Speaker	Stereo 1.5W 8Ω*2	Watt	
8		Screen hanging mode	Landscape\Portrait		
9		OSD Language	Chinese		
10		Play mode	Vertical, Horizontal		
11		Media transmission	WAN,LAN		
12		Watch dog	Supported		
13		Schedule On/Off	Supported		
14		Core	CPU	UNISOC UIS8581 /8 Core Cortex A55	
16	GPU		Quad core ARMMail-764		
17	Memory		2GB LPDDR4		
18	Storage		32GB eMMC		
25	Installation	VESA standard	100*100		

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26		Hanging mode	Hanging bracket		
27	Accessories		1. Power adaptor ×1 2. M4*30 screws×4 3. Double sided Tape x10 4. Gradienter ×1 5. Installation paper×1		
28	Certification				

3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Size		-	27	-	inches	Led backlight
Active Screen Size		597.888×336.312			mm	
Pixel Format		1920×1080			Pixels	
Panel Luminance		250	300		cd/m ²	
Production Luminance		250	300	300	cd/m ²	
Contrast Ratio	CR	700	1000	-		
Color Depth		8bit, 16.7 Million colors				
Pixel Pitch		0.3114x0.3114			mm	
Color Gamut			72		%	
Response Time	G to G BW	-	14	25	ms	
Backlight Life Time		30000	-	-	Hrs	
Viewing	Xaxis,right=0°	R	85	89	-	

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Angle	x axis, left=180°	L	85	89	-	
	y axis, up =90°	U	85	89	-	
	yaxis, down=270°	D	85	89	-	

3.3. Specification Overview

3.3.1. AC Input Electrical Characteristics

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
AC Power Input Voltage	AC IN	-	24	-	VAC	
AC Power Input Current	TBD	/	/	2	AAC	
Power Consumption	TBD	/	/	30	Watt	

3.3.2. Green mode function

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Stand-by power consumption	TBD	/	/	0.5	Watt	

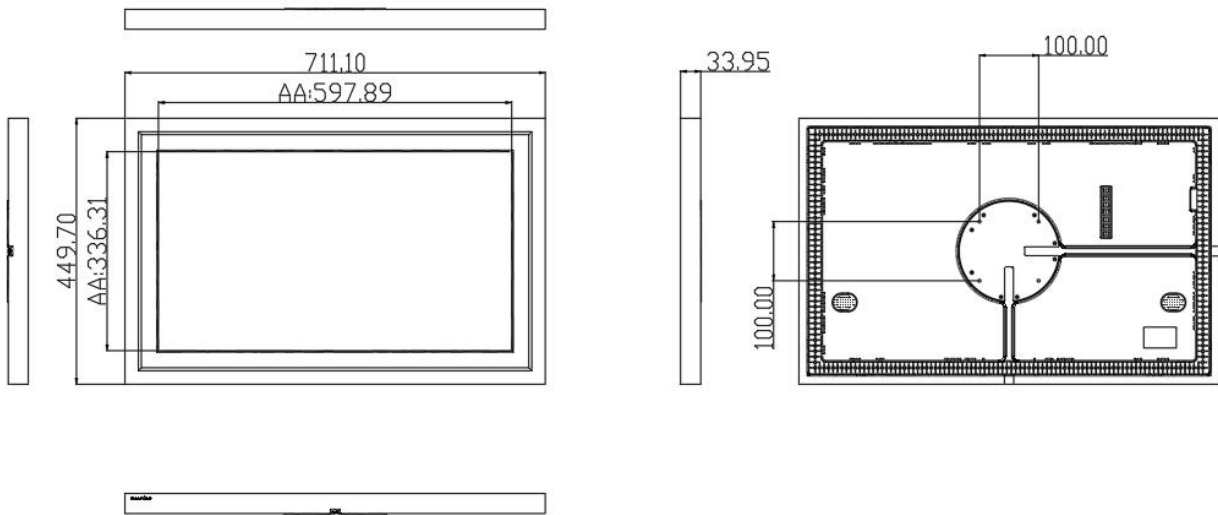
3.4. External Interface Portion

NO	Subtype	Name	Number	Parameter
1	Ac input	Adaptor	×1	2 pin plug, 2 meters

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Chapter IV. Mechanical Portion

4.1. Outline drawing



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Chapter V. Packaging Portion

5.1. Packing Size



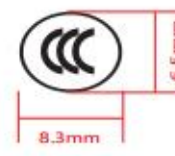
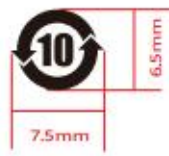
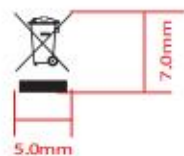
5.2. Package Drawing



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Chapter VI. Nameplate

6.1. Nameplate



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6.2. Labels

6.2.1. Nameplate Labels



6.2.2. Packaging Labels



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Chapter VII. Environmental Requirement

7.1. Operating Temperature

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Operating Temperature	Hop	0	-	40	°C	
Operating Ambient Humidity	Hop	10%	-	80%	RH	Relative humidity (non-condensing).

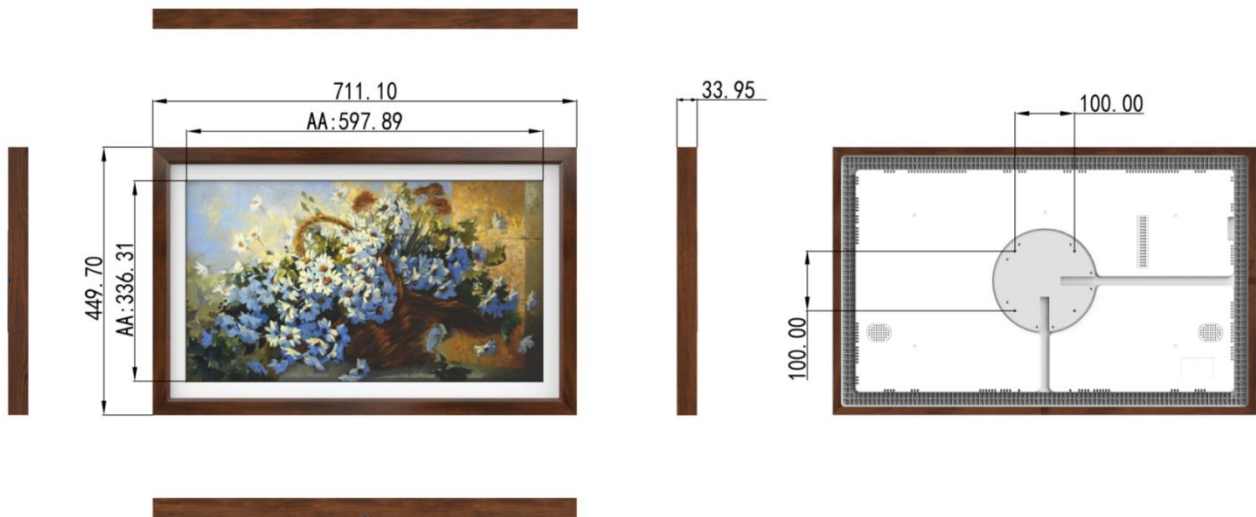
7.2. Storage Temperature

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Storage Temperature	HST	-10	-	55	°C	
Storage Humidity	HST	10	-	80%	RH	relative humidity (non-condensing).

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Chapter VIII. ID Rendering

8.1. Six Sides Figure

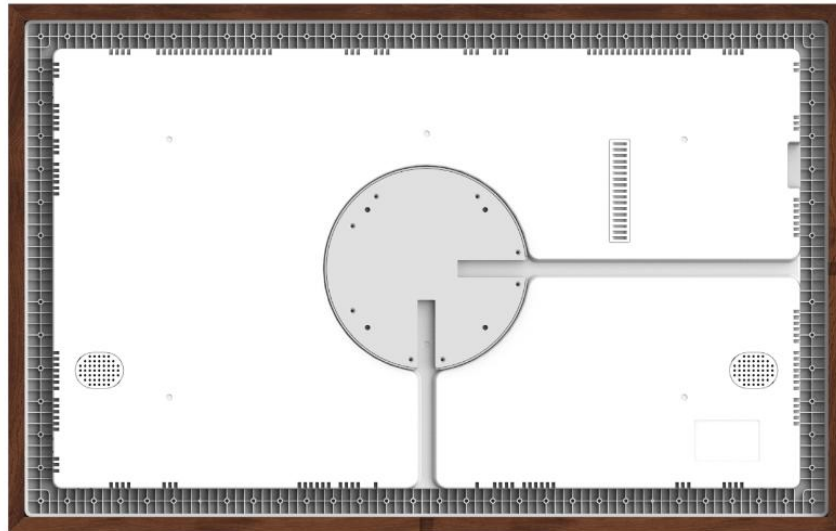


8.2. Front View



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8.3. Back View

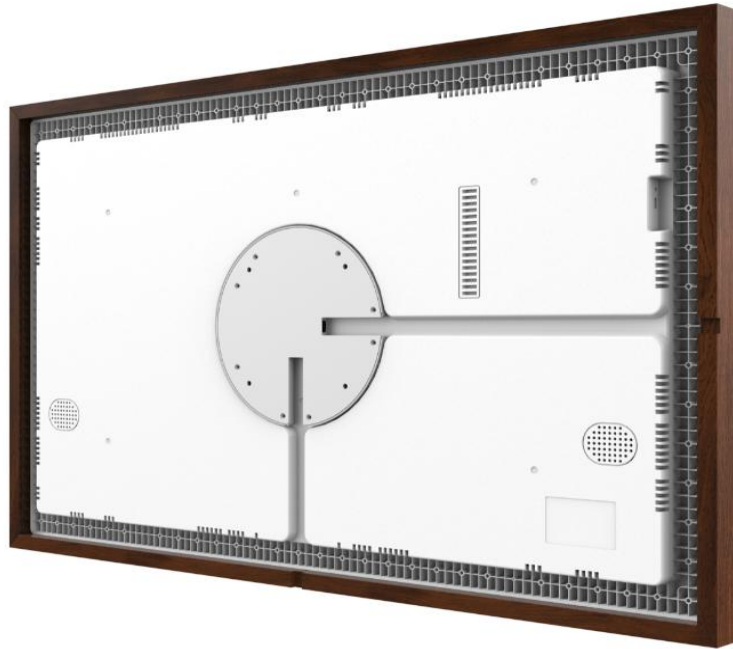


8.4. End View



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8.5. Interface Rear View



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