

Shanghai Goodview Electronic Technology Co., Ltd

Specification

L55H10C



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Customer

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Good View

File Type	<input type="checkbox"/> Management guide <input type="checkbox"/> Program File <input type="checkbox"/> Management standard <input checked="" type="checkbox"/> Technical manual <input type="checkbox"/> Standard class <input type="checkbox"/> Inspection specification <input type="checkbox"/> Inspection guide <input type="checkbox"/> Inspection standard <input type="checkbox"/> Guidance file <input type="checkbox"/> Technical standard						
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Chapter 1. Revision History

Product No.	Version	Revision History	Released Date	Written By	Audit	Approve
1410095	V1.0	First Issue	2020/11/30	计富行 齐世军	王晓帆	齐世军
1410095	V2.0	Add attachment	2020/12/1	计富行	王晓帆	齐世军

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Chapter 2. Summary

2.1. Statement

All parts of this product, including accessories and software, all the intellectual property right are owned by Shanghai Goodview Electronic Technology Co., Ltd. (hereinafter refers to "Goodview") or authorizes the relevant subjects xxxx to use. Without the permission of the right subjects, no copying or translation is allowed.

There is no any form of guarantee, position expression or other implication in this manual, if there is any direct or indirect loss of data, loss of profits or termination of business caused by the product information mentioned in this manual, Goodview and its employees are not liable for it. In addition to this, the product specifications and information mentioned in this manual are only for reference and will be updated at any time without further notice. Faults or damages caused by the following factors are not covered by free warranty:

- 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.

The product names mentioned in the user's manual are only for identification, and these names may belong to registered trademarks or copyrights of other companies.

Goodview reserves the right to change any or all specifications without notice. The information contained in this document is subject to change without notice.

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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 3. Product Parameter

3.1. Main Technical Parameters

NO.	Subtype	Name	Parameter	Unit	Note
1		Panel	54.64 inches (1387.8mm) LED Backlight		
2	Product Parameter	Product Size(mm)	1938.5(H)×744.0(V)×41.2(Top)	mm	
3		Active Size(mm)	1210.6mm(H) ×681.4mm(V))	mm	
4		Color	White		
5		Gross Weight	93	KG	
6		Net Weight	69.5	KG	
7		Speaker Power	Stereo 2×10W 4Ω	Watt	
8		Orientation	Portrait		
9		OSD Language	Chinese/English		
10		Play mode	Playlist, multi windows play, column play		
11		Media Transmission	USB, LAN, WAN		
12	Function	Smart Volume	Based on time period		
13		Watch Dog	Support		
14		Time control	Multi Time Period auto on/off		
15		Management	GTV C/S structure, ADPE/Ezposter B/S structure GTV publishing system		
16	Core	CPU	RK 3288 Quad Core ARM Cortex A17 (Maximum 1.8GHz)		
17		GPU	Quad Core ARMMail-764		

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18		RAM	DDR3 2GB				
19		Storage	8G eMMC				
20		OS	Android 7.1				
21	Touch Frame	Model	55 inches touch unit				
22		Touch Type	Capacitive				
23		Touch Points	10 points				
24		Input method	Fingers, pens etc.				
25	Media	Pics	Extension	*.jpg, *.jpeg, *.gif, *.bmp, *.png	TBD		
26		Audio	Extension	*.mp3			
27		Video	Extension	.MPEG1, MPEG2, MPEG4, WMV, MKV, AVI, TS, flv etc.			
28		Text	Extension	.txt			
29		Installation Method	Floor Standing				
30	Accessories	1. Power cable * 1 2. Remote control * 1 3. AAA battery * 2 4. M8 Screws * 14 5. Key x1 6. M8 filler piece * 14					

3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Siz		-	54.64	-	inches	Led
Active Screen Size		1209.6 * 680.4			mm	

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Pixel Format		1920*1080			Pixels	
Panel Luminance		-	530	-	cd/m ²	
Production Luminance			450.5		cd/m ²	
Contrast Ratio	CR	1000	1200	-		
Color Depth		8bit, 1.07G Million colors				
Pixel Pitch		0.315*0.315			mm	
Color Temperature			10000		K	
Color Gamut					%	
Response Time	G to G BW	-	9	13	ms	
Backlight Life Time		-	30000	-	Hrs	
Viewing Angle	x axis, right=0°	R	-	89	-	
	x axis, left=180°	L	-	89	-	
	y axis, up =90°	U	-	89	-	
	y axis, down=270°	D	-	89	-	

3.3. Input Signal

3.3.1. HDMI Port

Resolution	Refresh
1024x768	@60Hz/50Hz
1600x900	@60Hz/50Hz
1280x800	@60Hz/50Hz
1280x720	@60Hz/50Hz
1280x1024	@60Hz/50Hz
1360x768	@60Hz/50Hz

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1366x768	@60Hz/50Hz
1440x900	@60Hz/75Hz
1680x1050	@60Hz/50Hz
1920x1080	@60Hz/50Hz

3.3.2. VGA Port

Resolution	Refresh
1024x768	@60Hz/50Hz
1600x900	@60Hz/50Hz
1280x800	@60Hz/50Hz
1280x720	@60Hz/50Hz
1280x1024	@60Hz/50Hz
1360x768	@60Hz/50Hz
1366x768	@60Hz/50Hz
1440x900	@60Hz/75Hz
1680x1050	@60Hz/50Hz
1920x1080	@60Hz/50Hz

3.4. Specification Overview

3.4.1. AC Input Electrical Characteristics

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
AC Power Input Voltage	AC IN	110	220	240	VAC	

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AC Power Input Current		/	/	2	AAC	
Power Consumption		/	/	155	Watt	

3.4.2. Green mode function

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Standby power consumption		/	/	0.5	Watt	

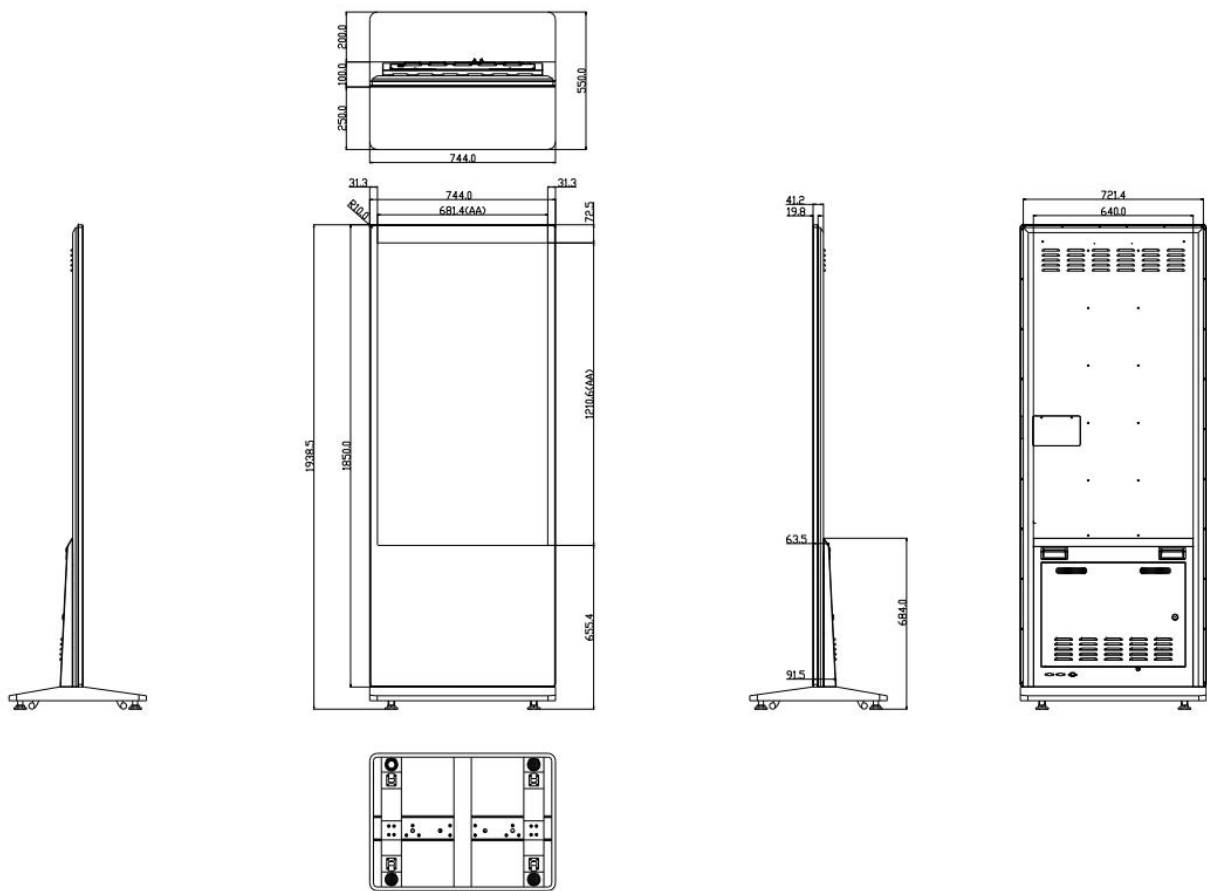
3.5. External Interface Portion

NO	Subtype	Name	Number	Parameter
	Ac input	Coupler	×1	top and twin-side bottom
		AC switch	×1	Rocker Switch
	Control Terminals	USB2.0	×2	USBHOST USBOTG
		EthernetRJ45	×1	100M Ethernet
		WiFi+BT	×1	2.4Ghz Bluetooth V 4.2 2.4Ghz 5150~5350Mhz 5.8Ghz wifi 11ac
		Extension Storage	×1	Micro TF Card 32G (Max)

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Chapter 4. Mechanical Portion

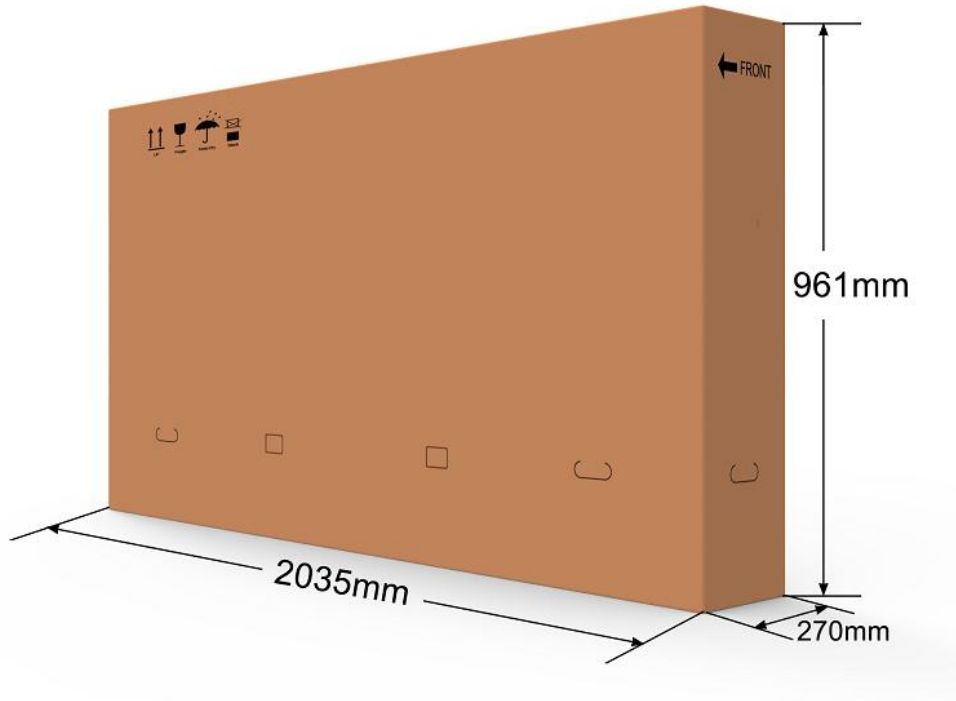
4.1. Outline Drawing



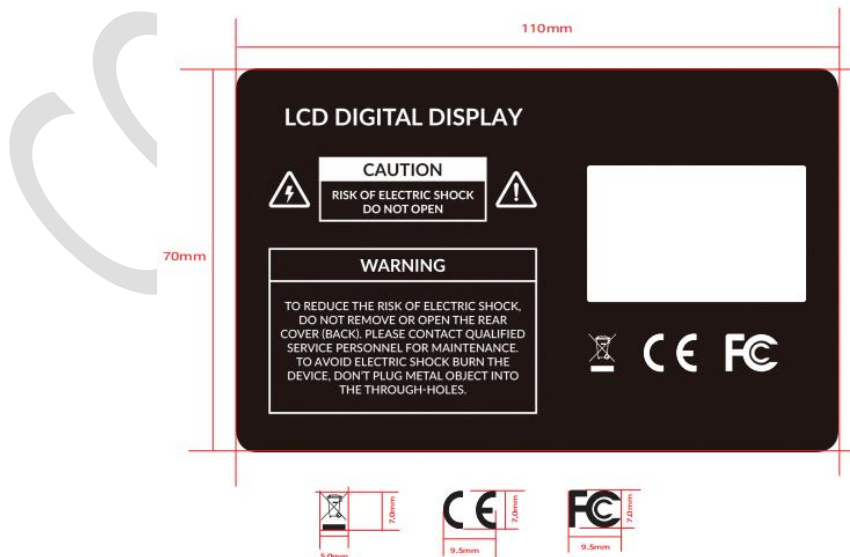
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Chapter 5. Packaging Portion

5.1. Packing Size

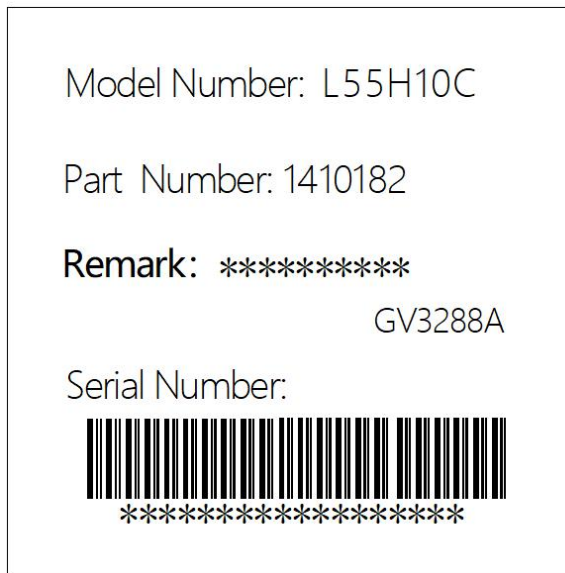


Chapter 6. Nameplate



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Chapter 7. Labels



Chapter 8. Environmental Requirement

8.1. 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).

8.2. Storage Temperature

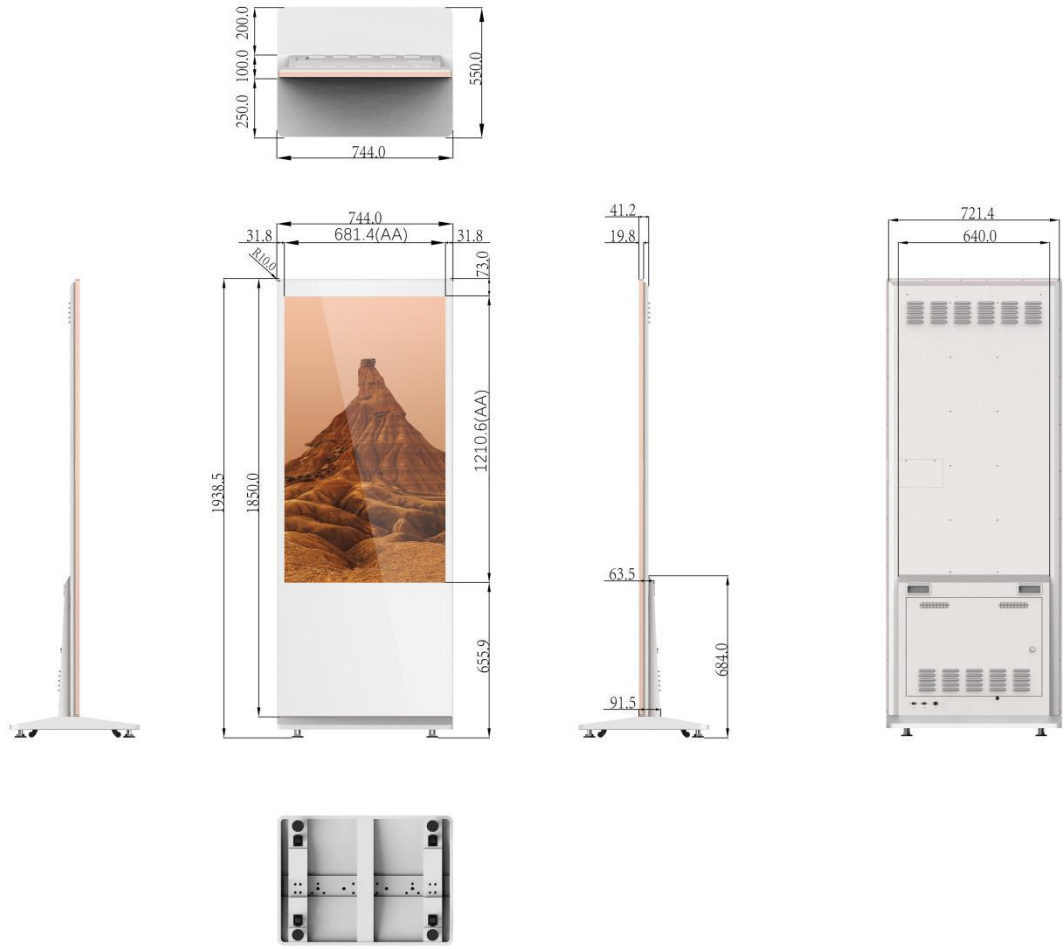
Item	Symbol	Values			Unit	Note
		Min	Typ	Max		

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Storage Temperature	HST	-10	/	55	°C	
Storage Humidity	HST	10	/	80%	%RH	relative humidity (non-condensing).

Chapter 9. ID Rendering

9.1. Six Sides Figure



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9.2. Front View



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9.3. Back View



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 Inspection specification Inspection guide Inspection standard Guidance file Technical standard

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9.4. End View



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9.5. Interface Rear View



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