

Shanghai Goodview Electronic Technology Co., Ltd.
Specification

GM65M2



Sign and Date by: _____

Customer

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GoodView

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 II. Summary

2.1. Statement

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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 III. Product Parameter

3.1. Main Technical Parameters

NO	Subtype	Name	Parameter	Unit	Note
1		Panel	65 inches LED backlight		
2	Product Parameter	Product size (mm)	1464.48(H)x839.52(V)x61.05(D)	mm	
3		Active size (mm)	1428.48(H) ×803.52(V)	mm	
4		Color	Black		
5		Weight (Gross)	40.2	KG	
6		Weight (Net)	27.8	KG	
7		Speaker	Mid-twitter Stereo 2×10W 4Ω+bass 15W 8Ω	Watt	
8		Screen hanging mode	Landscape, Portrait		
9		OSD Language	Chinese\English		
10		Play mode	<input checked="" type="checkbox"/> Horizontal <input checked="" type="checkbox"/> Split display <input checked="" type="checkbox"/> Vertical <input checked="" type="checkbox"/> Play List		
11		Multimedia transmission	USB		
12		Timer	Timer switch		
13		Core	CPU	Quad-core ARM Cortex A53 1.5GHz	
14	GPU		ARM Mali T720mp2		
15	Memory		DDR3 2GB		
16	Storage		16GB eMMC FLASH		
17	Operation System		Android 6.0/Windows 10(optional)		
18	Multimedia	Picture	Extension	JPG、BMP、PNG	TBD

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		Resolution	Baseline : JPG : 15360X8640 BMP : 9600X6400 PNG : 9600X6400		
	Audio	Extension	*.mp3		
		Encoder	*.mp3		
	Video	Extension	*.avi,*.mpg,*.dat,*.vob,*.div,*.mov,*.mkv,*.rm,*.rmvb,*.mp4,*.mjpeg,*.ts,*.trp,*.wmv,*.asf,*.flv		
		Encoder	MPEG-1 bitrate<20Mbps MPEG-2 bitrate<20Mbps MPEG-4 bitrate<20Mbps H.264 bitrate<20Mbps RM/RMVB bitrate<10Mbps DivX bitrate<20Mbps FLV bitrate<10Mbps		
19	Text	Extension	.txt		
20		Encoder	NAS\UTF-8		
21	Installation	VESA standard	400*600/400*400		
22		Hanging mode	Horizontal/Vertical/Floor standing bracket		
23	Accessories		1. Warranty card×1 2. Remote control x1 3. Certificate×1 4. AC power cord×1 5. AAA battery×2 6. Security and Environmental Protection× 1		
24	Certification				

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3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Size		-	65	-	inches	Led backlight
Active Screen Size		1428.48(H)x803.52(V)			mm	
Pixel Format		3840X2160			Pixels	
Panel Luminance			400		cd/m ²	
Contrast Ratio	CR		1000	-		
Color Depth		1.07G colors				
Pixel Pitch		0.372 (H) x 0.372(V)			mm	
Color temperature						
Color Gamut			70%		%	
Response Time	G to G BW	-	8	10	ms	
Backlight Life Time		-	30000	-	Hrs	
Viewing Angle	Xaxis,right=0°	R	79	-		
	x axis, left=180°	L	79	-		
	y axis, up =90°	U	79	-		
	yaxis, down=270°	D	79	-		

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3.3. Input Signal

3.3.1. HDMI Port

Resolution	Refresh
800x600	@60Hz
1024x768	@60Hz
1280x1024	@60Hz
1360x768	@60Hz
1920 x 1080	@60Hz
3840 X 2160	@60Hz

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	100	220	240	VAC	
AC Power Input Current	TBD	-	-	2.0A	AAC	
Power Consumption	TBD	-	-	330	Watt	

3.4.2. Green mode function

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

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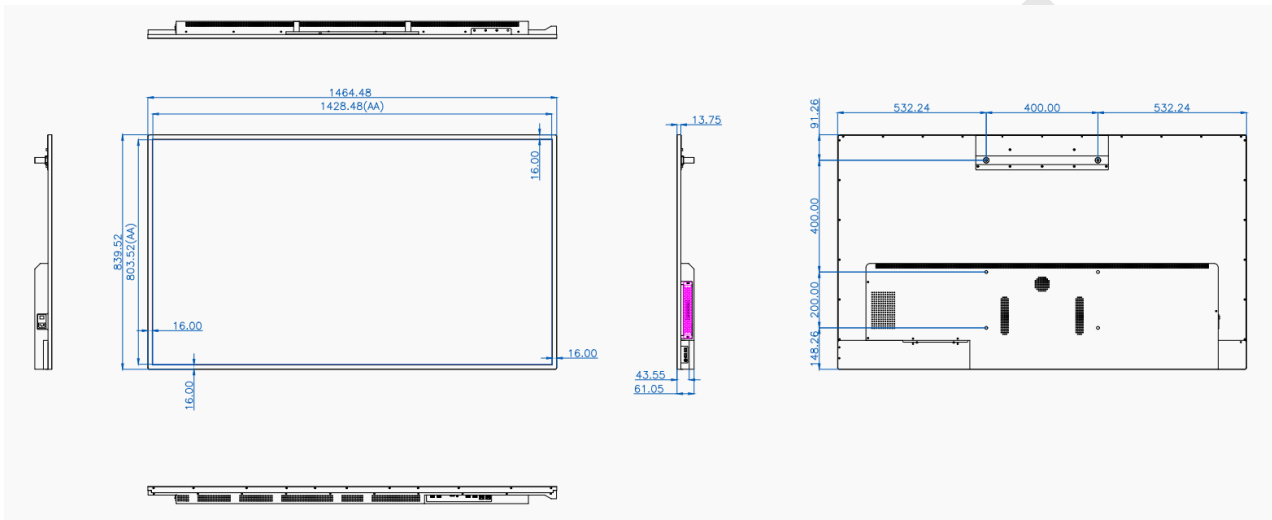
3.5. External Interface Portion

NO	Subtype	Name	Number	Parameter
1	AC input	Coupler	×1	Plum shaped terminal
2		AC Switch	×1	Double pole single throw boat switch
3	Input Terminals	HDMI	×2	HDMI signal 2.0
4		USB2.0	x4	Front x2, back x2
5		RJ45	×1	10M/100M/Ethernet
6		RS232	×1	RJ45
7		TF	×1	Support 32GB SD Card
8	Output Terminals	Analog audio	×1	3.5mm stereo jack
9		HDMI	×1	HDMI signal 1.4b
10	Control Terminals	WiFi+BT	×1	Bluetooth V 4.0 2.4GHz /5.0GHz
11		WiFi (screencast hot spot)	×1	2x2 WiFi IEEE 802.11ac 5 GHz IEEE802.b/g/n 2.4GHz
12		Control Key Button	×1	POWER_ON/OFF
13		IR	×1	IR

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Chapter IV. Mechanical Portion

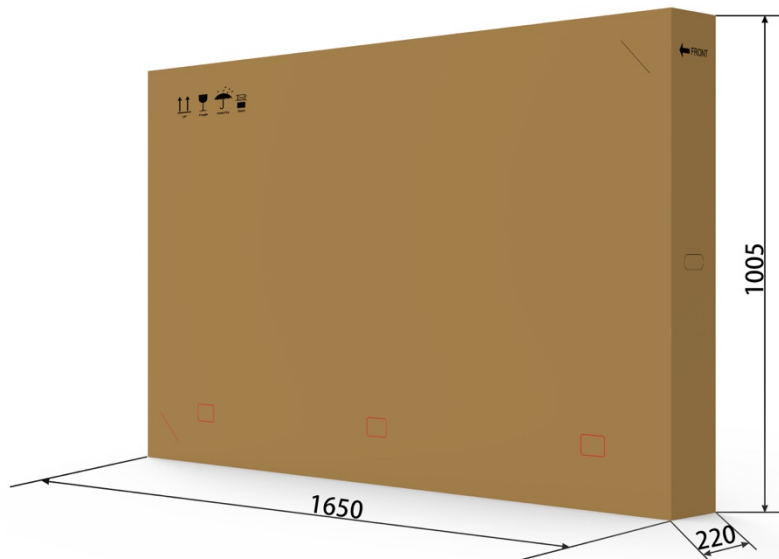
4.1. Outline drawing



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Chapter V. Packaging Portion

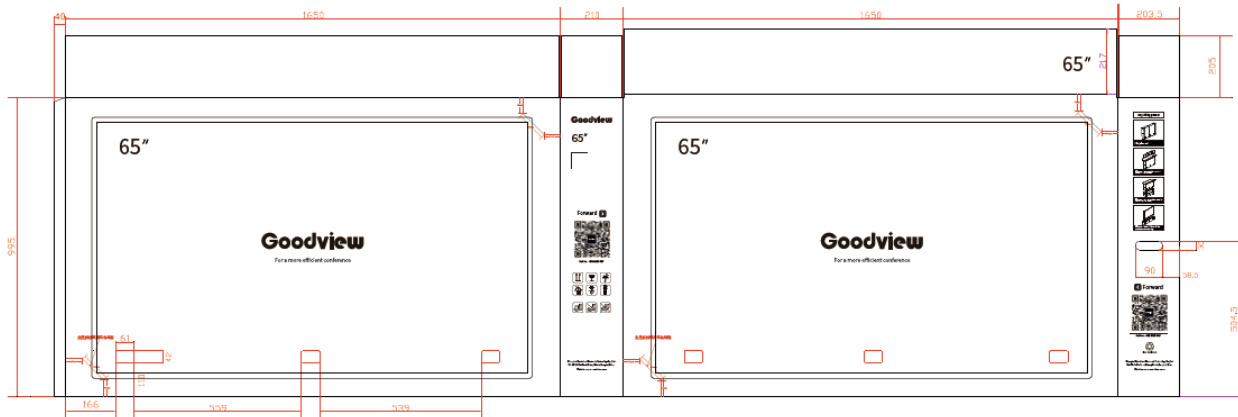
5.1. Packing Size



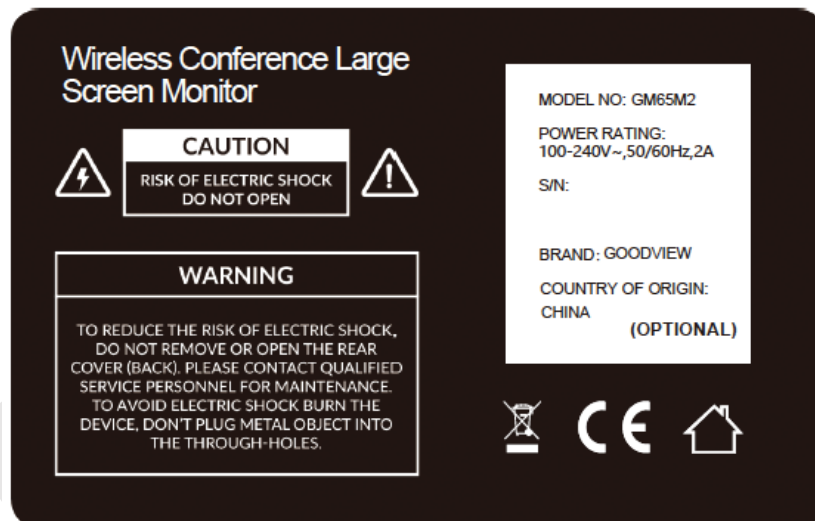
COI

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5.2. Packaging Drawings



5.3. Nameplate



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Chapter VI. Environmental Requirement

6.1. 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).

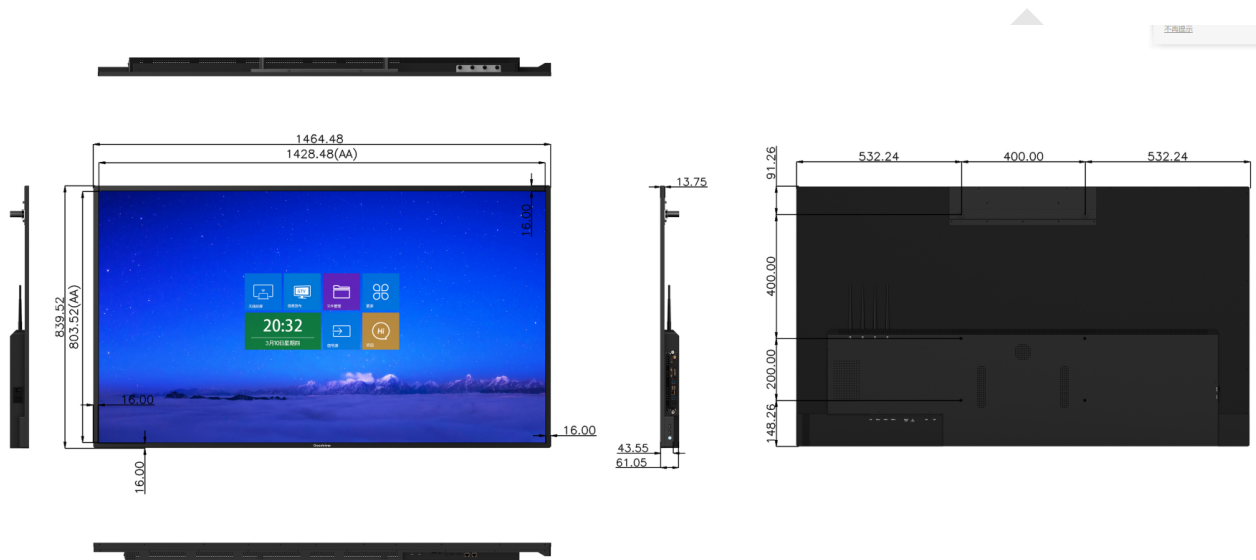
6.2. Storage Temperature

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 VII. ID Rendering

7.1. Six Sides Figure



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7.2. Front View



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7.3. Back View



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7.4. End View



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7.5. Interface Rear View

