

Shanghai Goodview Electronic Technology Co., Ltd

Specification

M50FUH



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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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第 2 章 Summary

2.1. Statement

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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第 3 章 Product Parameter

3.1. Main Technical Parameters

N O	Subtype	Name	Parameter	Unit	Note
1	Panel	Display module	50 inches LED		
2	Product Parameter	Product Size(mm)	1115.6×636.2×46.6	mm	
3		Active Size(mm)	1095.84(H) x 616.41(V)	mm	
4		Color	Black		
5		Gross Weight	20.4	KG	
6		Net Weight	16.2	KG	
7		Speaker Power	2×2W 4Ω	Watt	
8		Orientation	Landscape / Portrait		
9		OSD Language	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		WatchDog	Supported		
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	T972-SR Quad-Core A55 1.9GHz		
17		GPU	Mali-G31 MP2 GPU		
18		RAM	2GB		

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19		Storage	8GB eMMC					
20		OS	Android 9.0					
21	Pics	Extensi on	For mat	Maximum Resolution	Minimum Resolution	For mat		
			png	8K*8K	4*4	png		
			jpeg	8K*8K	4*4	jpeg		
			bmp	8K*8K	4*4	bmp		
			gif	3.6K*3.6K	4*4	gif		
22	Media	Audio	Extensi on	Audio files	Audio Format	Sampling rate	Code Rate	
				WindowsMediaAudio(.wma)	WMA*	8KHz ~ 96KHz	8bps ~ 320Kbps	
				MPEG Audio Layer III (.mp3)	MPEG	8kHz ~ 48kHz	8kbps ~ 320kbps	
				Wave Audio Files (.wav)	PCM	max 48kHz	Max 1.5Mbps	
					ADPCM	max 48kHz	Max 1.5Mbps	
				Matroska Audio (.mka)	WavPack	max 44.1kHz	VBR	
				Xiph.org OGG Audio(.ogg)	Vorbis	8 ~ 96 kHz	n.a	
				Xiph.org FLAC Audio(.flac)	Flac	8 ~ 96 kHz	VBR	
				Monkey's Audio(.ape)	APE*	8 ~ 48 kHz	VBR	
				Dolby Digital (Contained in VIDEO file)	DD*	Up to 640kbps	32~48kHz	
				Dolby Digital Plus(Contained in VIDEO file)	DD+*	Up to 3024kbps	32~48kHz	
				Digital Theater Systems (DTS) DIGITAL SURROUND, (Contained in VIDEO file)	DTS*, DTS ES*	Up to 1509kbps	32~48kHz	
				Digital Theater Systems (DTS) HD, (Contained in	DTS-HD High Resolution*,	n.a	32~96kHz	

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23	Video	VIDEO file)	Master Audio*					
			Digital Theater Systems (DTS) Express (Contained in VIDEO file)	DTS-Express (7.1)*	n.a	32~48kHz		
			Windows Media Audio(.WMA)	WMA 7*, WMA 8*, WMA 9*(Non-support Loseless/MBR)	8 ~ 320 kbps, CBR and VBR	8 ~ 96 kHz		
		Extensi on	MPEG1、MPEG2、MPEG4、WMV、MKV、AVI、TS、flv etc.					
		Encode r	AVI	File format	Video formats	Maximum bit rate	Frame Rate	Resolution
				MPEG-4 ASP	n.a	30FPS	1920x1080	
				Divx3*	n.a	30FPS	720x576	
				Divx4*	n.a	24FPS	1920x1080	
				Divx5*	n.a	30FPS	1920x1080	
				Xvid	n.a	30FPS	1920x1080	
MJPEG	n.a			30FPS	1920x1080			
AVC/H.264	n.a			30FPS	1920x1080			
MPEG-2 TS Transport Stream (.ts)	MPEG-1			n.a	60FPS	1920x1080		
	MPEG-2			n.a	60FPS	1920x1080		
	AVC/H.264			100Mbps	30FPS	3840x2160		
	HEVC/H.265 (H.265 Main 10)			80Mbps	60FPS	3840x2160		
	AVS+ (AVS-P16)	n.a	30FPS	1920x1080				

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				AVS (AVS-P2 Jizhun)	n.a	30FPS	720x576
			MPEGFile Format	MPEG-1	n.a	60FPS	1920x1080
				MPEG-2	n.a	60FPS	1920x1080
				VC-1*	n.a	24FPS	1920x1080
			mpg	MPEG-1	n.a	60FPS	1920x1080
				MPEG-2	n.a	60FPS	1920x1080
			MPEG-4 Part 14 (.mp4)	MPEG-4 ASP	n.a	60FPS	1920x1080
				H.263	n.a	30FPS	720x576
				AVC/H.264	100M bps	30FPS	3840x2160
				HEVC/H.265 (H.265 Main 10)	80Mbps	60FPS	3840x2160
			QuickTime	MPEG-4 ASP	n.a	60FPS	1920x1080
				H.263	n.a	30FPS	720x576
				AVC/H.264	100M bps	30FPS	3840x2160
			BDAV MPEG-2 transport stream (.m2ts)	AVC/H.264	n.a	n.a	Do not support 4K
				VC-1*	n.a	24FPS	1920x1080
			Matroska (.mkv)	AVC/H.264	100M bps	30FPS	3840x2160
				HEVC/H.265 (H.265 Main 10)	80Mbps	60FPS	3840x2160
				Windows Media Video(WMV) 9*	n.a	30FPS	1280x720
				VP9 Profile-2	60Mb	60FPS	3840x2160

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						ps						
				Flash Video (.flv)	AVC/H.264	n.a	n.a	Do not support 4K				
				webm	VP9 Profile-2	60Mbps	60FPS	3840x2160				
				Video Object (.vob)	MPEG-2	n.a	60FPS	1920x1080				
				DAT (.dat)	MPEG-1	n.a	60FPS	1920x1080				
				MPEG-4 Part 14 (.m4v)	AVC/H.264	n.a	n.a	Do not support 4K				
				Advanced Stream Format (.asf)	Windows Media Video(WMV) 9*	n.a	30FPS	320x240 30fps				
				Flash Video, Based On MPEG-4 Part 12 (.f4v)	AVC/H.264	n.a	n.a	Do not support 4K				
				3gp	H.263*	n.a	30FPS	720x576				
					MPEG-4 ASP	n.a	30FPS	1920x1080				
				3g2	H.263*	n.a	30FPS	720x576				
				tp	MPEG-2	n.a	60FPS	1920x1080				
				rmvb	Real Video 8*	n.a	24FPS	1280x720				
					Real Video 9/10*	n.a	60FPS	1920x1080				
				ogm	Divx5*	n.a	30FPS	1920x1080				
					Xvid	n.a	30FPS	1920x1080				
				rm	Real Video 8*	n.a	24FPS	1280x720				
					Real Video 9/10*	n.a	60FPS	1920x1080				
24		Text	Extensi on	.txt								

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25		HTMI 5	Supported	mm	
26	Installation	VESA Standard	400X400		
27		Installation	VESA		
28	Accessories		1、 Power cable×1 2、 Remote control×1 3、 AAA battery×2 4、 WIFI Antenna×1 5、 Warranty card×1 6、 M6*14 Screws×4		
29	Certificates				

3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Size		-	50	-	inches	Led
Active Screen Size		1095.84(H) x 616.41(V)			mm	
Pixel Format		3840×2160			Pixels	
Panel Luminance		-	700	-	cd/m ²	
Product Luminance		-	700	-	cd/m ²	
Contrast Ratio	CR	-	5000	-		
Color Depth		10bit, 1.07 Billion colors				
Pixel Pitch		0.285375(H) x0.285375(V)			mm	
Color Temperature		-	TBD	-	K	-
Color Gamut		-	TBD	-	%	

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Response Time		G to G BW	-	9.5	19	ms
Backlight Life Time			30000	-	-	Hrs
Viewing Angle	Xaxis,right=0°	R	-	89	-	
	x axis, left=180°	L	-	89	-	
	y axis, up =90°	U	-	89	-	
	yaxis, down=270°	D	-	89	-	

3.3. Input Signal

3.3.1. HDMI Port

signal source	resolution ratio
4K2K(HDMI 1&2&3)	480i, 480p, 720p, 1080i, 1080p, 2160P

3.4. Specification Overview

3.4.1. AC Input Electrical Characteristics

Item	Values			Unit	Note
	Min	Typ	Max		
AC Power Input Voltage	100	220	240	Vac	
AC Power Input Current	-	-	1.6	A	
Power Consumption	-	-	142	W	

3.4.2. Green mode function

Item	Values			Unit	Note
	Min	Typ	Max		

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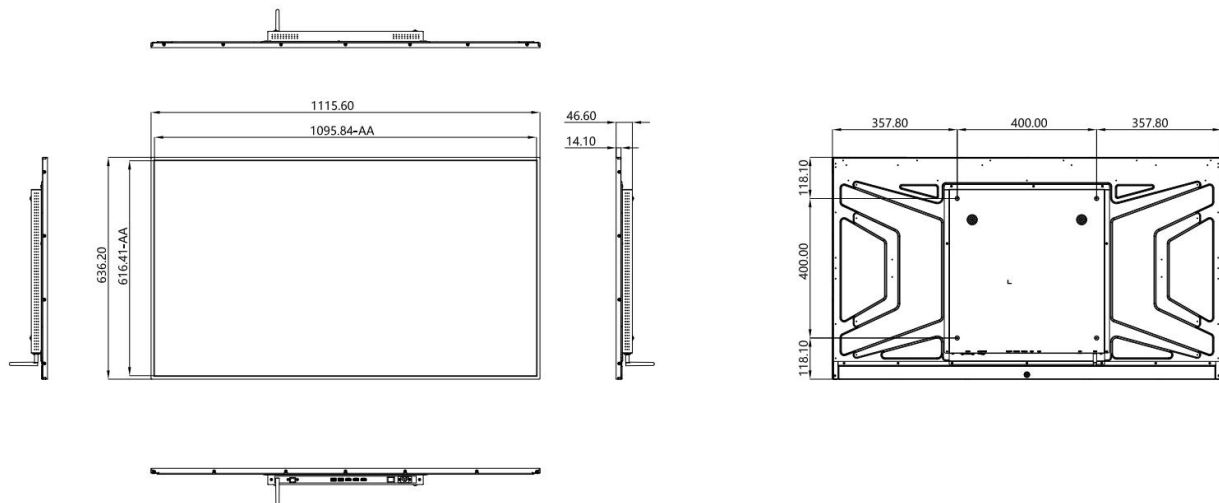
Standby Power consumption	-	-	0.5	W	
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3.5. External Interface Portion

NO	Subtype	Name	Number	Parameter
1	Ac input	Coupler	×1	Plum-shaped tail
2		AC Switch	×1	Rocker Switch
3	Control Terminals	HDMI	×3	HDCP Version:1.4/2.2
4		Ethernet RJ45	×1	10M/100M
5		WiFi	×1	2.4G802.11b/g/n/ac
6		USB2.0	×2	USB HOST

第 4 章 Mechanical Portion

4.1. Outline Drawing



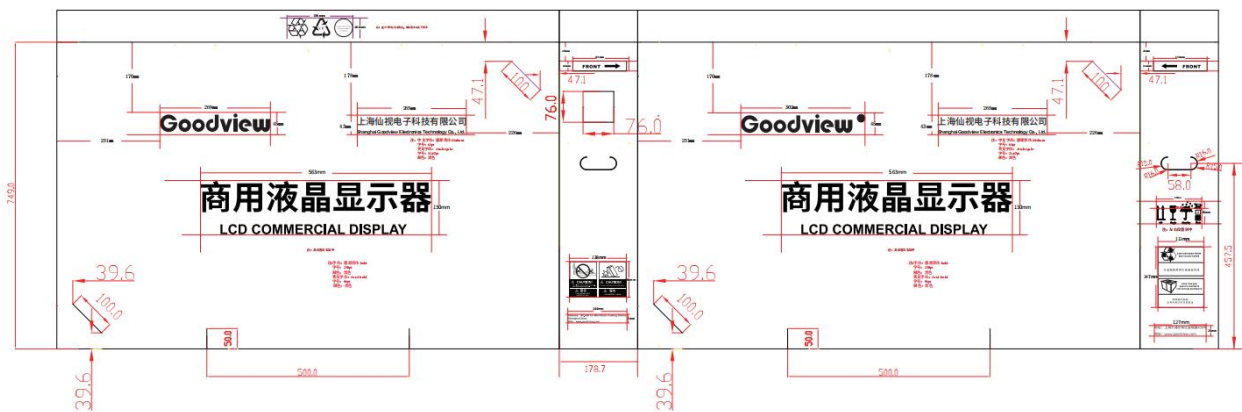
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第 5 章 Packaging Portion

5.1. Packing Size



5.2. Packaging Drawings



内尺寸: 1226*178.7*749
外尺寸: 1241*193.7*764

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5.3. Nameplate



5.4. Labels



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第 6 章 Environmental Requirement

6.1. Operating Temperature

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

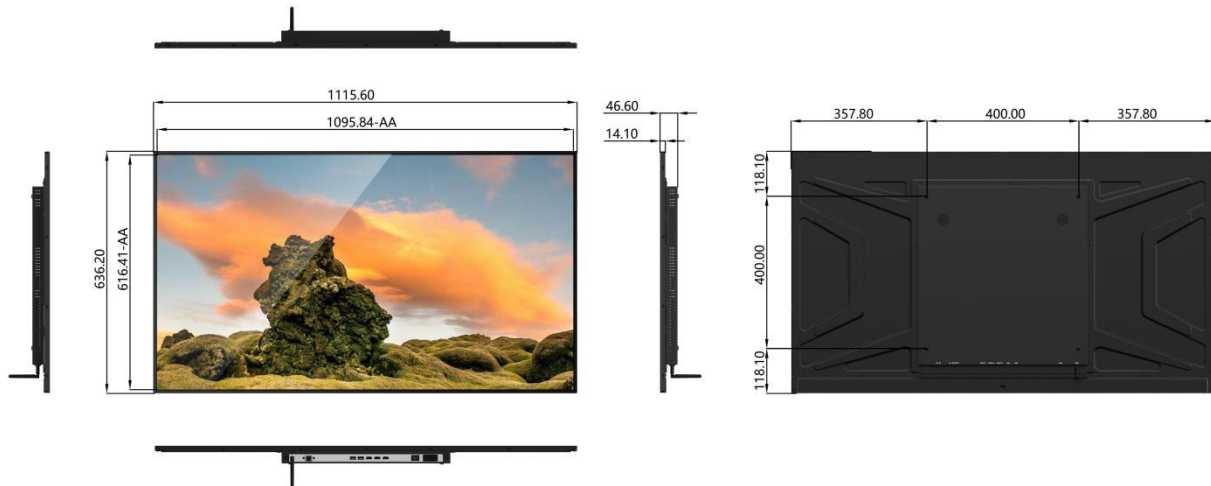
6.2. Storage Temperature

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

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第 7 章 ID Rendering

7.1. Six Sides Figure



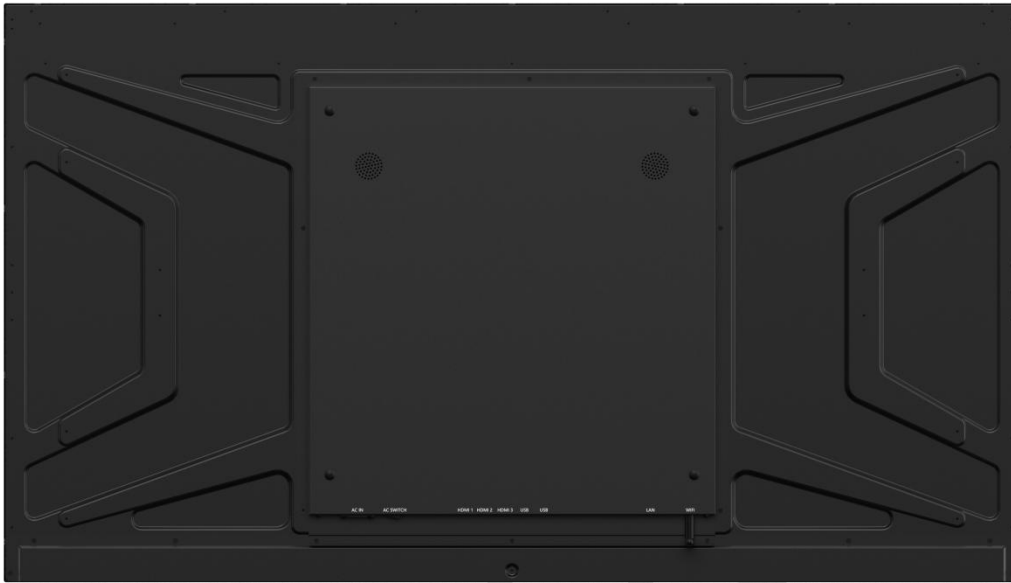
7.2. Front view



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7.3. Back view



7.4. End view



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7.5. Interface rear view



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