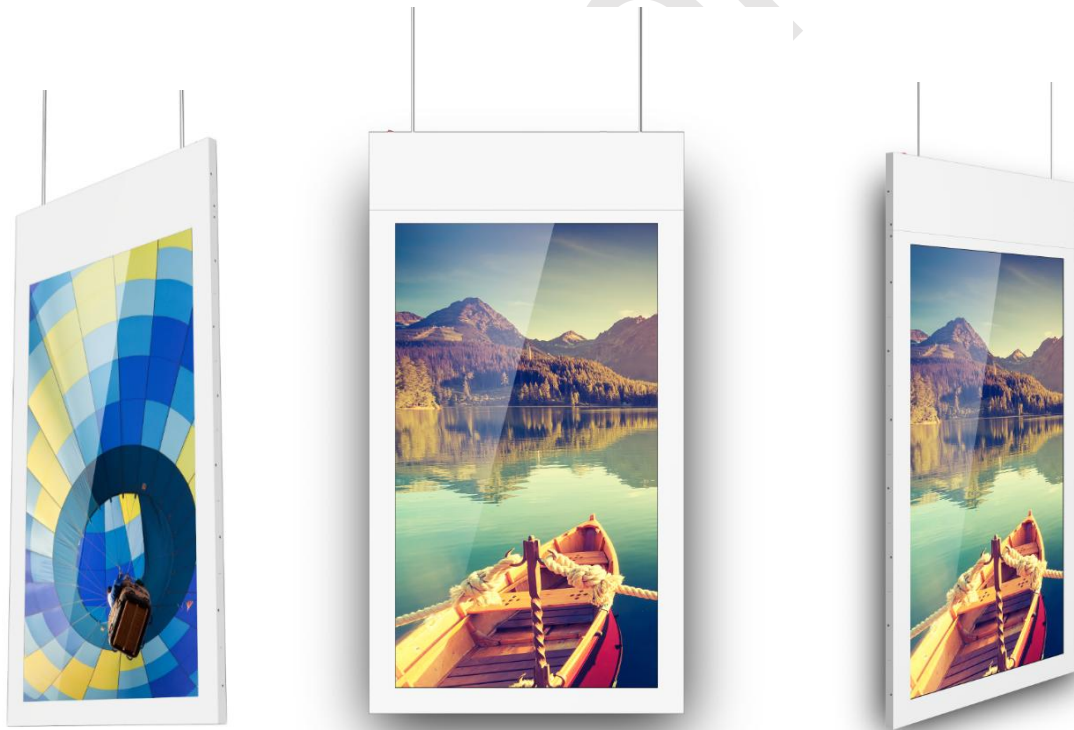


**Shanghai Goodview Electronic Technology Co., Ltd.**  
**Specification**

**D43H1**



**Sign and Date by:** \_\_\_\_\_

**Customer**

**Sign and Date by:** \_\_\_\_\_

**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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	<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 I. Revision History

Parts No.	Version	Revision History	Date	Written by	Auditing	Approval
1440183	V1.0	初版拟定	2021/01/27	郑小女 付鑫鑫	王晓帆	郑小女

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

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.

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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For the latest upgrade information of product specifications, please call to Shanghai Goodview Electronic Technology Co., Ltd.

## 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.

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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- ◇ 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.

## Chapter III. Product Parameter


### 3.1. Main Technical Parameters

NO	Subtype	Name	Parameter	Unit	Note
1	Product Parameter	Panel	42.51 inches (1079.75mm) LED backlight		
2		Product size (mm)	634.6(H)×1178.3 (V)×21.6(D)	mm	
3		Active size (mm)	529.416mm(H) ×941.184mm(V)	mm	
4		Color	White (RAL 9016)		
5		Weight (Gross)	22.5	KG	
6		Weight (Net)	16.5	KG	
7		Speaker	2×2W 8Ω	Watt	
8		Screen hanging mode	Portrait		
9		Play mode	<input checked="" type="checkbox"/> Split display <input checked="" type="checkbox"/> Vertical <input checked="" type="checkbox"/> Play List		
10		OSD Language	Chinese\English		
11		Multimedia transmission	USB,LAN,WLAN		
12	Function	Smart volume	Support		
13		Watch dog	Support		
14		Timer	Timer switch		
15		Management software	C/S framework: ADPE/Ezposter		

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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			B/S framework: GTV Information Distribution System			
16	Core	CPU	RK3288 quad-core ARM Cortex A17(Max.18GHz)			
17		GPU	RK3288			
18		Memory	2G			
19		Storage	8G eMMC			
20		Operation System	Android 7.1			
21	Multimedia	Picture	Extension	*.jpg, *.jpeg, *.bmp, *.png		TBD
		Audio	Extension	*.mp3		
		Video	Extension	MPEG1、MPEG2、MPEG4、WMV、MKV、AVI、TS、flv		
			Encoder	MPEG-1    bitrate<20Mbps MPEG-2    bitrate<20Mbps MPEG-4    bitrate<20Mbps H.264      bitrate<20Mbps AVC        bitrate<20Mbps VC-1        bitrate<20Mbps RM         bitrate<10Mbps		
			Text	Extension	.txt	
23		Encoder	ANSI、UTF-8			
24		HTML 5		Support		
25		Installation		Hanging		
26	Accessories			1. Warranty card×1 2. Certificate×1 3. Quick start x 1 4. Cable x 1 5. Wi-Fi antenna x1		

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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			6. Installation accessory bag x 1 7. Remote control x 1 8. AAA battery x 2 9. Security and Environmental Protection×1		
27	Certification		CB, CCC, 		

### 3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Size		-	42.51	-	inches	Led backlight
Active Screen Size		529.416mm(H) × 941.184mm(V)			mm	
Pixel Format		1920×1080			Pixels	
Panel Luminance		560/280	700/350		cd/m <sup>2</sup>	
Contrast Ratio	CR	700	1000	-		
Color Depth		8bit, 16.7 Million colors				
Pixel Pitch		0.4902x0.4902			mm	
Color temperature			10000		K	
Color Gamut			68		%	
Response Time	G to G BW	-	12	16	ms	
Backlight Life Time		30000	50000	-	Hrs	
Viewing	Xaxis,right=0°	R	89	-		



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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Angle	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

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

#### 3.3.2 VGA Port

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

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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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	100	220	240	VAC	
AC Power Input Current	TBD	-	-	1.8A	AAC	
Power Consumption	TBD	-	-	180	Watt	

#### 3.4.2. Green mode function

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

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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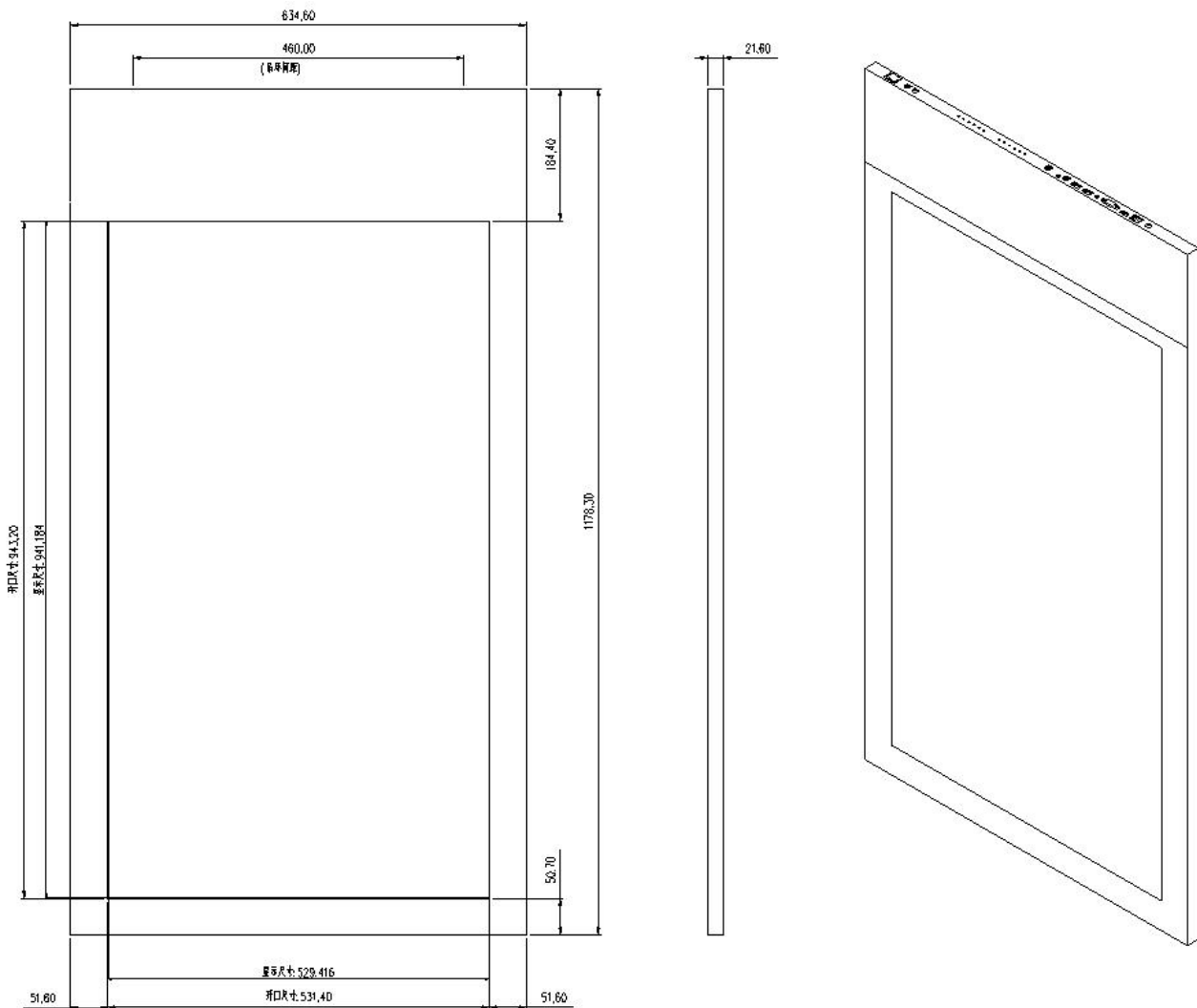
### 3.5. External Interface Portion

NO	Subtype	Name	Number	Parameter
1		AC Switch	×1	
2	Input Terminals	HDMI	×1	2.0b、HDCP
3		VGA	×1	1D-SUB 15pin
4		Analog audio	×1	3.5mm stereo jack
5	Control Terminals	Ethernet RJ45	×1	100M/1000M Ethernet
6		WiFi+BT	×1	2.4Ghz Bluetooth V 4.2 2.4Ghz 5150~5350Mhz 5.8Ghz wifi 11ac
7		USB2.0	×4	USB OTG USB HOST

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 IV. Mechanical Portion

### 4.1. Outline drawing



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						
File Code	<b>GV-RD-PJ-039</b>	Version	V1.0	Effective Date	2019/9/1	Page	18

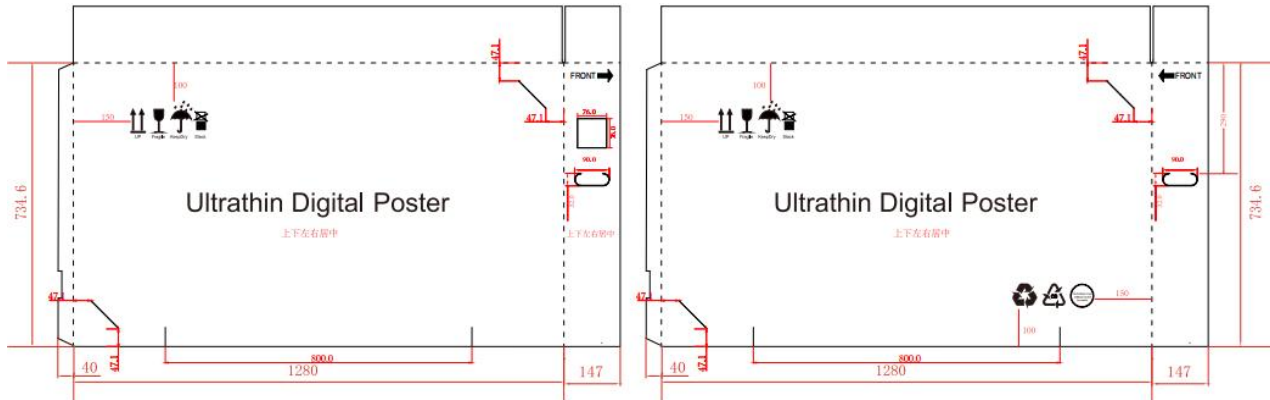
## Chapter V. Packaging Portion

### 5.1. Packing Size

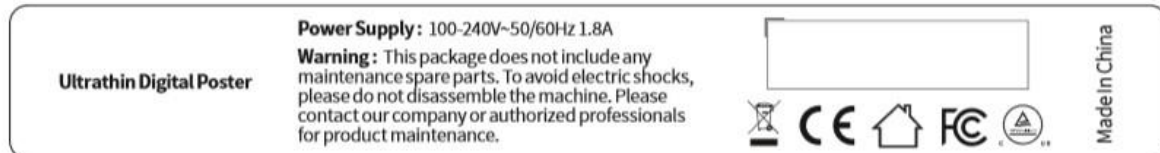


File Type	<input type="checkbox"/> Management guide <input type="checkbox"/> Program File <input type="checkbox"/> Management standard <input checked="" type="checkbox"/> Technical manual <input type="checkbox"/> Standard class <input type="checkbox"/> Inspection specification <input type="checkbox"/> Inspection guide <input type="checkbox"/> Inspection standard <input type="checkbox"/> Guidance file <input type="checkbox"/> Technical standard						
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### 5.2. Packaging Drawings



### 5.3. Nameplate

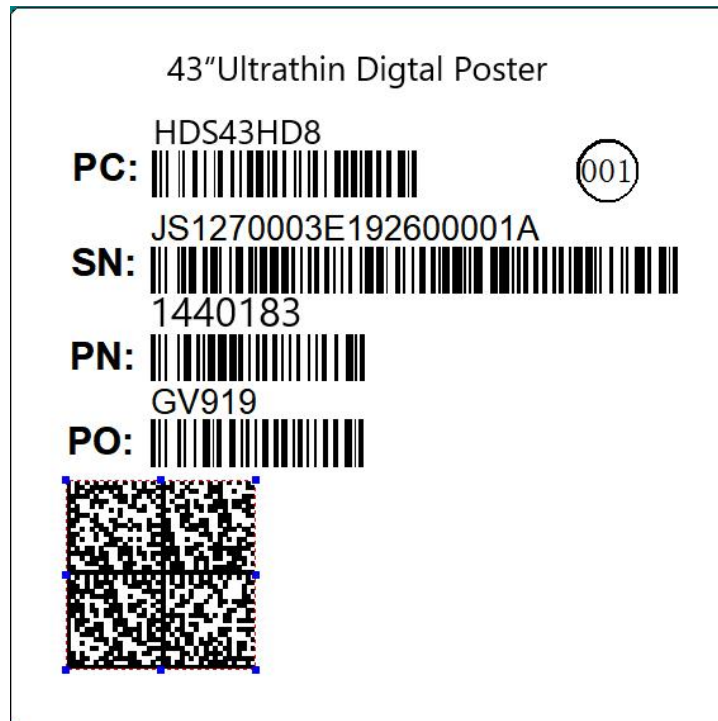


#### Technological parameter

1. Size: length 136mm, Width 18mm, thickness 0.25mm, R Angle diameter 2mm
2. Nameplate color: white on black
3. Nameplate material: Metal

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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#### 5.4. Labels



## Chapter VI. Environmental Requirement

### 6.1. Operating Temperature

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Operating Temperature	Hop	0	25	40	°C	
Operating Ambient Humidity	Hop	10%	65%	85%	%RH	Relative humidity (non-condensing).

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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## 6.2. Storage Temperature

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Storage Temperature	HST	-10	25	60	°C	
Storage Humidity	HST	5%	70%	90%	RH	relative humidity (non-condensing).

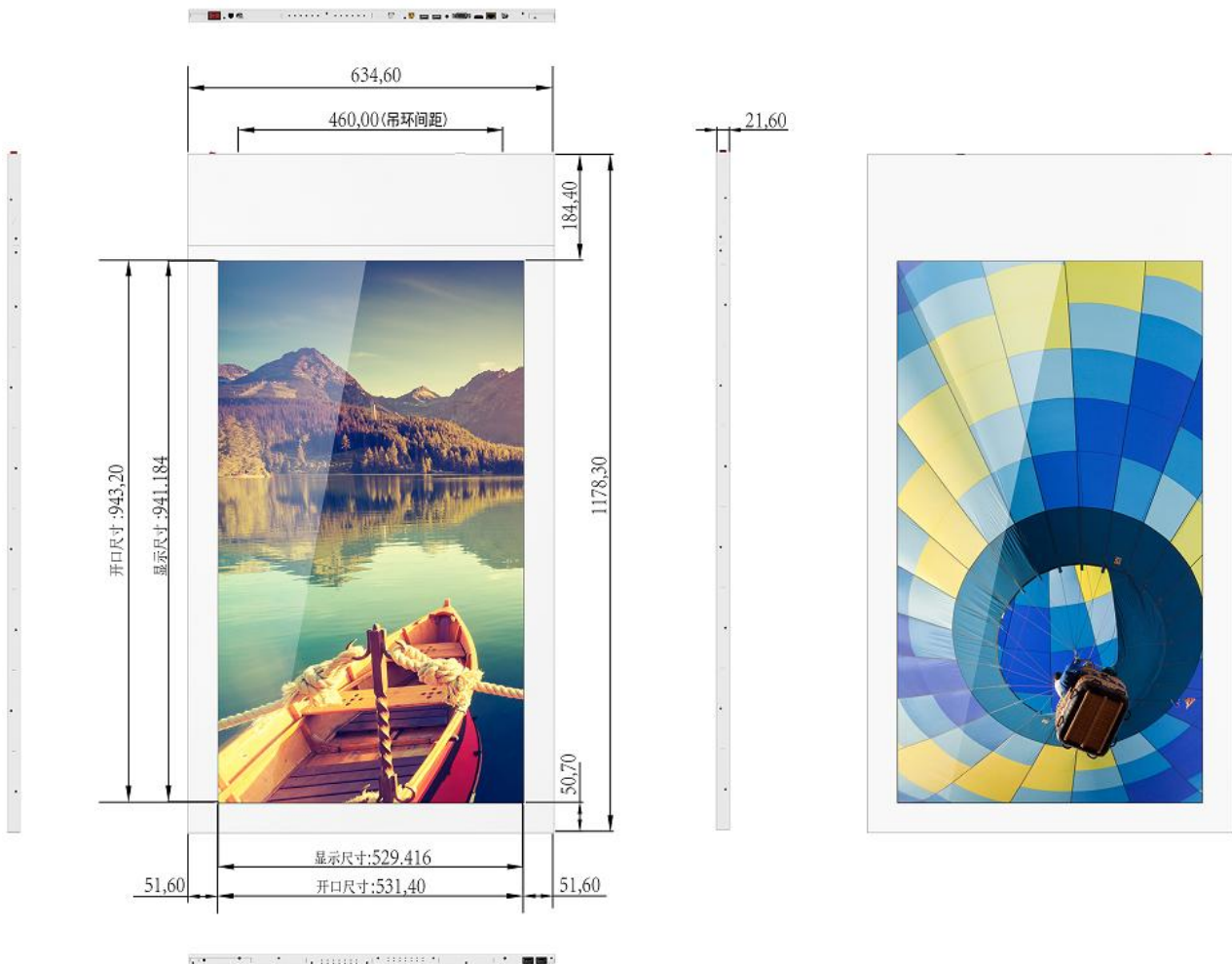
Confidential



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 VII. ID Rendering

### 7.1. Six Sides Figure



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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## 7.2. Front View



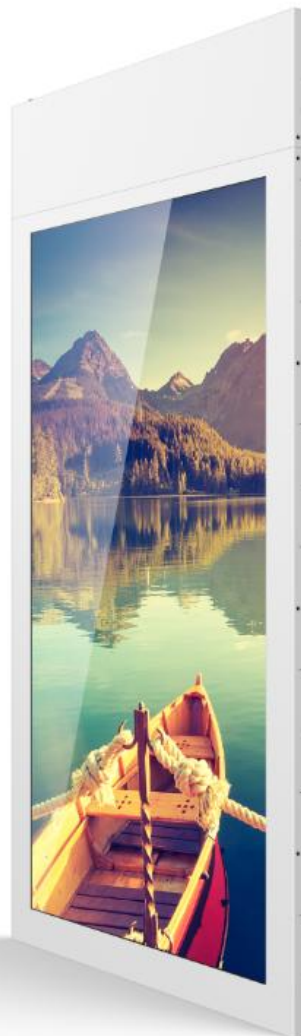
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### 7.3. Back View



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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#### 7.4. End 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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### 7.5. Interface Rear View



### 7.6. Detail 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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