

Shanghai Goodview Electronic Technology Co., Ltd.

Specification

PD55NT



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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- 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	55 inches OLED		
2	Product Parameter	Product size (mm)	1260mm(H)x900mm(V)x305mm(D)	mm	
3		Active size (mm)	1209.6x680.4(mm)	mm	
4		Weight (Gross)	TBD	KG	
5		Weight (Net)	TBD	KG	
6		Display mode	Landscape		
7		OSD Language	English		
8		Transparency	40%		
9		GPU	RTD2797PM-CG		
10		Installation	Desktop		
11		Accessories	Remote control×1, Power cord×1		
12		Certificate			

3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Size		-	55	-	inches	Led backlight
Active Screen Size		1209.6x680.4(mm)			mm	

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Pixel Format		1920×1080			Pixels	
Panel Luminance		120/320	150/400		cd/m ²	
Production Luminance		108/288	135/360		cd/m ²	
Contrast Ratio	CR	120000	150000	-		
Color Depth		10bit, 1.07B colors				
Pixel Pitch		0.6 x 0.6			mm	
Color temperature			9300		K	
Color Gamut			120%			
Response Time	G to G	-	1	3	ms	
Backlight Life Time		-	30000	-	Hrs	
Viewing Angle	Xaxis, right=0°	R	60	-		
	x axis, left=180°	L	60	-		
	y axis, up =90°	U	60	-		
	yaxis, down=270°	D	60	-		

3.3 Input Signal

3.3.1. HDMI Port

Resolution	Refresh
800X600	@60Hz/75Hz
1024x768	@60Hz/75Hz
1280x768	@60Hz
1280x1024	@60Hz/75Hz
1360x768	@60Hz

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1600x1200	@60Hz
1680x1050	@60Hz
1920x1080	@60Hz

3.3.2. DP Port

Resolution	Refresh
800X600	@60Hz/75Hz
1024x768	@60Hz/75Hz
1280x768	@60Hz
1280x1024	@60Hz/75Hz
1360x768	@60Hz
1600x1200	@60Hz
1680x1050	@60Hz
1920x1080	@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	110	220	240	VAC	
AC Power Input Current	TBD	-	-	1.92A	AAC	
Power Consumption	TBD	-	-	192	Watt	

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3.4.2. Green mode function

Item	Symbol	Values			Unit	Note
		Min	Typ	Max		
Stand-by power consumption	TBD	/	/	3	Watt	

3.5. External Interface Portion

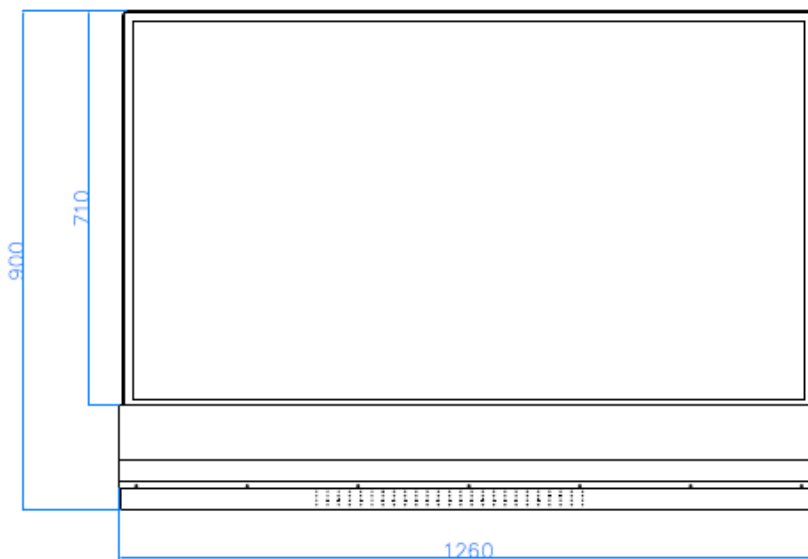
NO	Subtype	Name	Number	Parameter
1.	Ac input	AC Switch	×1	
2.	Input Terminals	HDMI2.0	×1	HDCP 1.4/HDCP 2.2
3.		DP1.2IN	×1	DP 1.2 / 4K2K@60Hz 1Port.
4.	Output Terminals	DP1.2OUTPUT	x1	DP 1.2 / 4K2K@60Hz 1Port.

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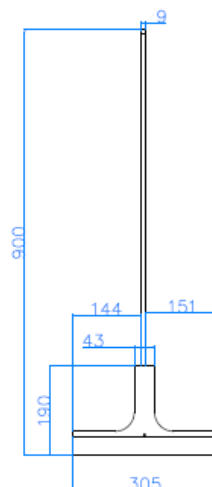
Chapter IV. Mechanical Portion

4.1. Outline drawing

Front View



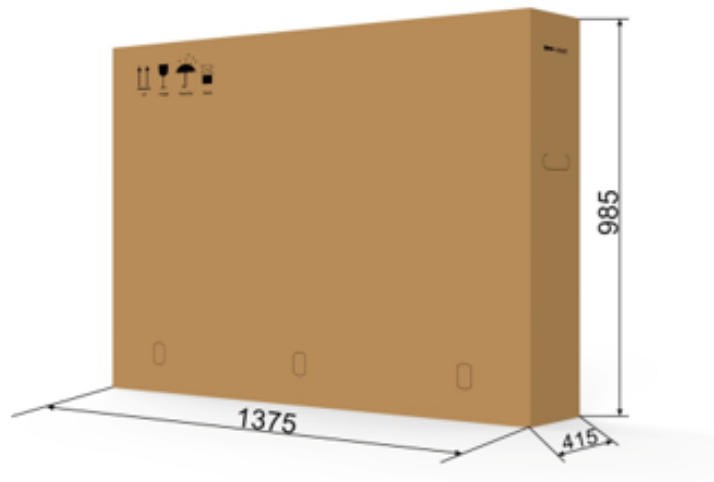
Side View



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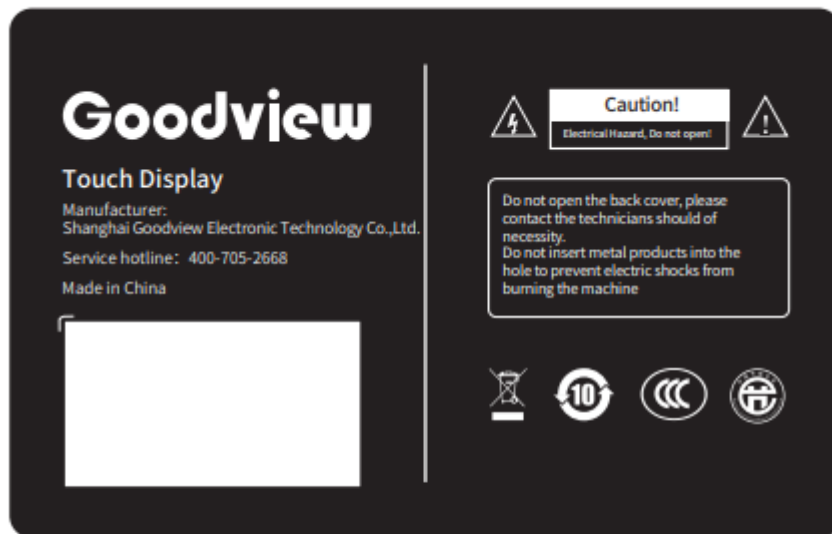
Chapter V. Packaging Portion

5.1. Packing Size



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5.2. Nameplate



Technological parameter

1. Size: length 110mm, Width 70mm, thickness 0.25mm, R Angle diameter 3mm
2. Nameplate color: white on black
3. Nameplate material: PVC

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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).

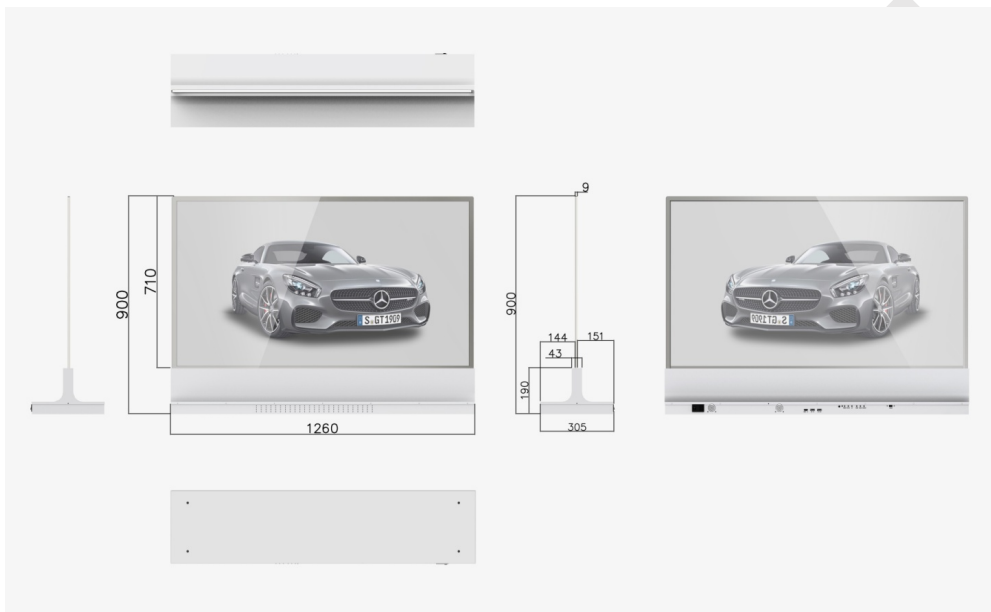
6.2. Storage Temperature

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



7.2. Front View



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7.3. Back View



7.4. End View

