

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

**PD55NP**



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

**Customer**

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

**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 I. Revision History

Parts No.	Version	Revision History	Date	Written by	Auditing	Approval
1130054	V1.0	First issue	2019/10/1	修国权		[Signature]

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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.

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

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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	Product Parameter	Panel	55 inches module		
2		Product size (mm)	1210.81(H)x681.52(V)×88.6 (D)	mm	
3		Active size (mm)	1209.6 (H) ×680.3(V)	mm	
4		Color	Black		
5		Weight (Gross)	33KG	KG	
6		Weight (Net)	23.9KG	KG	
7		Display mode	Portrait, Landscape		
9		OSD Language	Chinese\English		
10		Management Software	screencontrol		
11		Core	CPU	TSUMV56RUU-Z1	
12	Installation	VESA standard	600×400&600*300		
		Installation Method	VESA		
13	Accessories		1. Power cord x1 2. Remote control x 1 3. AAA battery x 2 4. External remote control cord ×1 5. Warranty card x 1 6. Quick start x 1 7. Certificate x 1 8. Security and Environmental Protection×1 9. Standard cable x1		

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### 3.2. LCD Panel Technical Parameters

	Symbol	Parameter			Unit	Note
		Min	Typ	Max		
LCD Panel Size		-	55	-	inches	Led backlight
Active Screen Size		1209.6 (H) ×680.4(V)			mm	
Pixel Format		1920×1080			Pixels	
Panel Luminance		400	500		cd/m2	
Product Luminance		400	500	-		
Contrast Ratio	CR	20000:1	30000 : 1	-		
Color Depth		8bit, 16.7 Million colors				
Color temperature			10000			
Pixel Pitch		0.63*0.63			mm	
Color Gamut			72%		%	
Response Time	G to G BW	-	8	12	ms	
Backlight Life Time		-	50000	-	Hrs	
Viewing Angle	Xaxis,right=0°	R	89	-		
	x axis, left=180°	L	89	-		

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	y axis, up =90°	U		89	-		
	yaxis, down=270°	D		89	-		

### 3.3. Input Signal

#### 3.3.1. HDMI Port

Resolution	Refresh
480I	@60HZ
480P	@60HZ
576I	@50HZ
576P	@50HZ
720P	@50HZ
720P	@60HZ
1080I	@50HZ
1080P	@25HZ
1080P	@30HZ
1080P	@50HZ
1080P	@60HZ



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### 3.3.2 DVI Port

Resolution	Refresh
800x600	@60Hz
1024x768	@60Hz
1280x720	@60Hz
1280x1024	@60Hz
1360x768	@60HZ
1366x768	@60HZ
1920x1080	@60HZ

### 3.3.3 VGA Port

Resolution	Refresh
640×480	@60Hz
800x600	@60Hz
1024x768	@60Hz
1280×720	@60Hz
1280x768	@60Hz
1280x960	@60Hz
1280x1024	@60Hz
1360x768	@60Hz
1600×1200	@60Hz

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1080P	@30Hz
1080P	@50Hz
1920×1080	@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	-	-	2.0	AAC	
Power Consumption	TBD	-	-	200	Watt	

#### 3.4.2. Green mode function

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

### 3.5. External Interface Portion

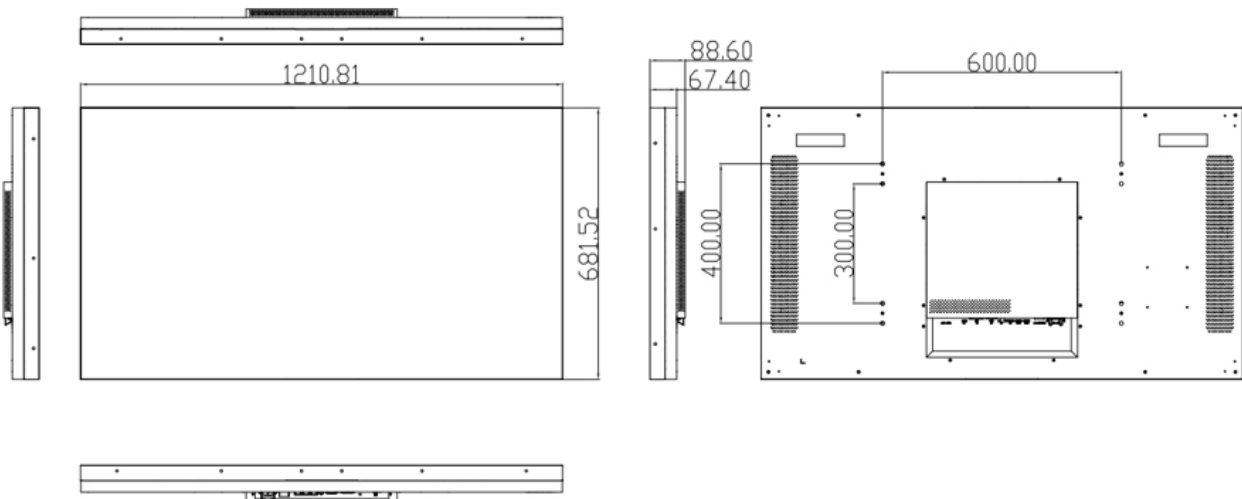
NO	Subtype	Name	Number	Parameter
1.	External Terminals	Coupler	1	Pin tail
2.		AC switch	×1	Rocker switch
3.		HDMI	×1	HDMI2.0

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4.		DVI	×1	DVI-I
5.		VGA	×1	1D-SUB 15pin
6.		Composite-Video	×1	BNC
7.		USB	×1	Upgraded interface
8.		IR/232C(INPUT)	×1	RS232C(OUTPUT)/RJ45 port
		RS232C(OUTPUT)	×2	RS232C /RJ45 port
9.		LED light	×1	Power supply indicate

## Chapter IV. Mechanical Portion

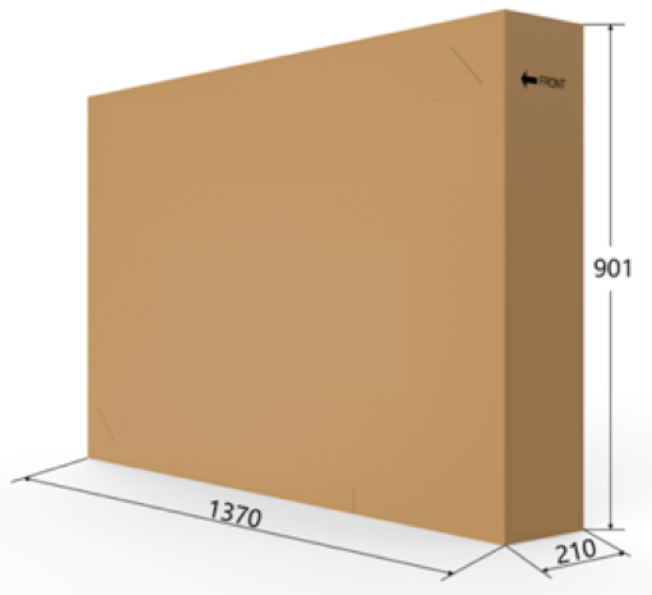
### 4.1. Outline drawing



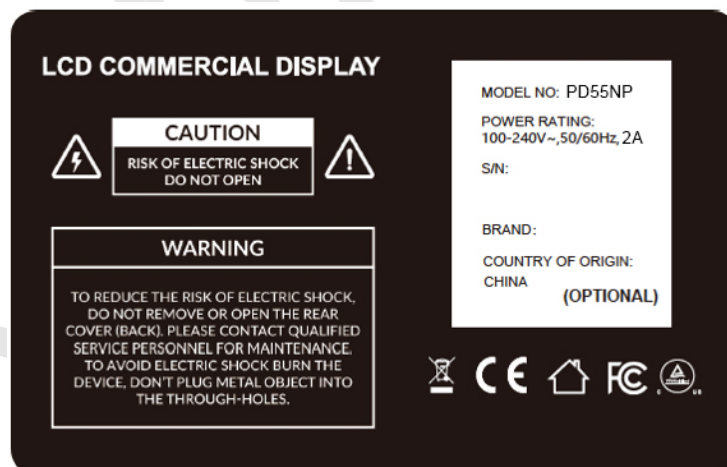
File Type	<input type="checkbox"/> Management guide <input type="checkbox"/> Program File <input type="checkbox"/> Management standard <input checked="" type="checkbox"/> Technical manual <input type="checkbox"/> Standard class <input type="checkbox"/> Inspection specification <input type="checkbox"/>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

### 5.1. Packing Size



### 5.2. Nameplate



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### 5.3. Labels

#### 5.3.1. Nameplate Labels


Model Number: PD55NP

Part Number:

Serial Number: 1130054

Sales:

Remark:




XXXXXXXXXXXXXXXXXXXXXXXXXXXX

**Model:** PD55NP

**Roted voltage :** 100-240V, 2A  
current 50/60Hz,

**ITE Level :** B

**Part No :** 1130054



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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

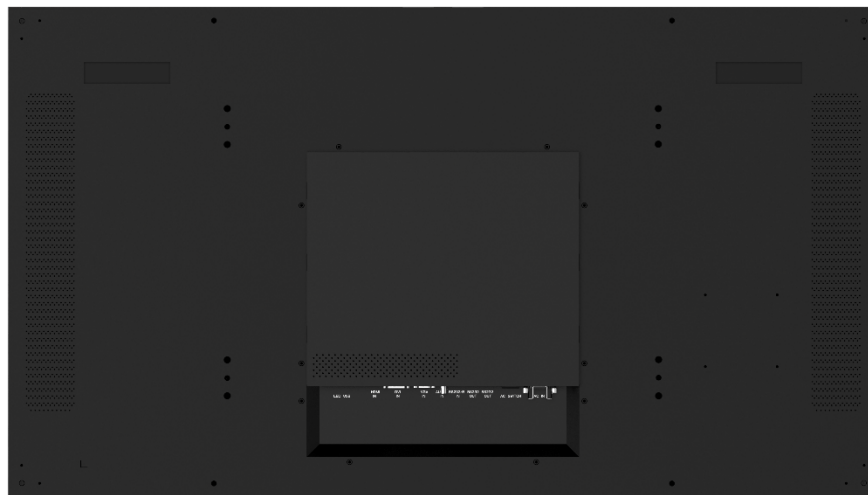


### 7.2. Front View



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### 7.3. Back View



### 7.4. End View





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### 7.5. Interface Rear View

