

P E N S A R L E D



# Product Specification

Product Type: LED All-in-one Display Terminal

Product Model: Majestic 120P2.08

Version: PEN 1.1

SKU: EXSMD120V208



# Product Specification



## Product Features

- ◆ Built-in 2\*30W audio system;
- ◆ Built-in video processing function;
- ◆ Support frame rate conversion function;
- ◆ Support remote control via mobile devices;
- ◆ Support wireless Screen Sharing Function;
- ◆ Support Bluetooth 3.0 Function;
- ◆ Support various scene modes for different application scenarios;
- ◆ Support automatic brightness adjustment;
- ◆ Overall standby power consumption $\leq 0.5W$ ;
- ◆ Fully front access and hot swapping available;
- ◆ Support Wi-Fi dual frequency 2.4G/5G;
- ◆ Support adjustment modes via Wi-Fi, network cable, and USB connection;
- ◆ Built-in Android 9.0 system and Apps;
- ◆ All-in-one ultra-slim and lightweight design,
- ◆ Built-in RS232 and RS485 interfaces can realize a centralized control function



## Product Parameter

### Overall Parameter

Size	120 inch
Aspect Ratio	16:9
Resolution	1280*720
Overall Size (L*H)	2678*1616mm
Display Area (L*H)	2664*1499mm
Screen Thickness	28.5mm
Net Weight	90kg( wall-mounting bar and stand not included)
Recommended Viewing Distance	≥15ft
Maintenance Mode	Front Access
Installation Mode	Stand, Wall-mounting, Ceiling-hanging

### Optical Parameter

Brightness	100-550cd/m <sup>2</sup> (Adjustable)
Refresh Rate	1920/3840Hz
Gray Scale	13-16bit
Contrast	6500:1
Color Temperature	2300-9300K(Adjustable)
Viewing Angle	Horizontal 170°, Vertical 170°
LED Lifespan	≥100,000hrs

### Electrical Parameter

Operation Voltage	100-240VAC 50/60Hz
Standby Power	≤0.5W



## Product Parameter

Average Power Consumption of Overall Unit	0.60KW
Maximum Power Consumption of Overall Unit	1.50KW

## System Parameter

Operating System	Android 9.0
CPU	Dual Cortex-A72 large core + four Cortex-A53 small core, frequency 2.0GHz
RAM	4GB
Storage	32GB
Media Format	Support mainstream video format such as MPEG1, MPEG2, MPEG4, WMV, MKV, TS, and flv; Support audio formats such as MP3; Support JPG, JPEG, BMP, PNG, GIF and other image format.

## Environmental Parameter

Operation Temperature	-10°C-40°C
Operation Humidity	10%-80%RH No condensation



<b>Input/Output Ports</b>	
<b>Type</b>	<b>QTY</b>
HDMI 2.0 Input	3 (2 internal, 1 external)
HDMI 2.0 Output	1 (internal)
USB 2.0	1 (external)
USB 3.0	1 (external)
Type C	1 (external)
3.5 Audio Output	2 (1 internal, 1 external)
Audio Optical Output	1 (internal)
RS232 Port	1 (internal)
RS485 Port	1 (internal)
Bluetooth	1 (wireless)
LAN	1 (internal)



## Introduction to button and interface



NO.	Description
1	Light Sensor
2	IR
3	Type C
4	USB3.0
5	USB2.0
6	Menu button(including brightness,color Temperature,contrast, sound,signal source,test mode and Other sub-menus)
7	Bright/OK (1.When the menu is Not called up,it is the brightness adjustment button,and the + and - keys are used to adjust the brightness; 2.When the menu is called up, it is used as confirm button.)
8	1. In the brightness adjustment mode,it is the brightness reduction key; 2. When the Menu is called up,it is the Down/minus key
9	1. In the brightness adjustment mode,it is the brightness increase key; 2. When the menu is called up,it is the Up/Add key
10	Standby/Wake up button
11	Dual-color indicator light(red/blue)
12	HDMI input (facedown)
13	3.5 Audio output port(facedown)



## Introduction to remote control

Button Icon	Introduction
	Standby/Wake up
	Up
	Down
	Confirm
	Left
	Right
+	Voice +
-	Voice -
	Back
	Brightness Adjustment
	Channel Switch
	Main Interface





## Accessories

Remote Control	1
Front Maintenance Tool	1
Tool kit	1
Wall-mounting Bar	1
Stand	1 set (optional)

## Packing Dimension

Item	Dimension	Quantity
Screen Packing Dimension	1634*742*207mm	2
Module Packing Dimension	705*560*165mm	4
Lower Frame Packing Dimension	1430*270*185mm	1
Wall-mounting Bar Packing Dimension	1860*175*140mm	1
Screen And Module Dimension(wooden box)	1680*810*915mm	1
Lower Frame And Wall-mounting Bar Packing Dimension(wooden box)	2160*430*375mm	1

### Note:

- In case of special requirements, the packing quantity, weight and dimension may change, and the actual product received shall prevail.,

### Special Statement

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