

# **GUANGDONG SEAVIEW TECHNOLOGY CO., LTD**

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## **Product Specification**

### **98inch interactive whiteboard**

L6R-2023-9-26

# I. Product characteristics



- All-metal outer frame structure and a 15mm narrow frame design;
- Make the upper and lower business gray and left and right black of the business two-color frame;
- LED LCD A+ screen;
- Optical bonding process, low parallax, smooth writing, better display;
- Mohs 7H explosion-proof glass screen protection;
- Make 4mm anti-glare tempered glass;
- To support the adjustment of light brightness, display more eye protection;
- Enable 4K UHD display and support full-channel 4K UI display;
- Make two channels of front USB3.0, support switching with the channel, front full-function TYPE-C interface;
- Make  $\pm 1$ mm high-precision infrared touch technology;
- Support 2.4G/5G dual-band wifi, AP + STA working mode;
- Support 5G wireless screen transmission function;
- Built-in 48 million HD cameras, 8 array microphones.

## II. Display parameters

Size	98 inches
Screen type	IPS
Response time	8ms
Picture scale	16:9
Display size H * V mm	2162.2x1221.5
Resolution	3840(H) ×2160(V)
Refresh frequency	60Hz
Chromaticity	1.07B( 10bit)
Color gamut NTSC	72%
Contrast	1200:1
Viewing angle	178°(H/V)
Tempered glass type	Surface with AG anti-glare treatment, surface hardness 7H
Backlight type	DLED
Screen brightness	350 CD/m <sup>2</sup> ± 10% (Nine-point center typical)
Life span	≥ 30000 hours

With different LCD glass models, the peak brightness of the whole machine will be different. The data marked in this specification is for reference only!

### 3. Operating system

System version	Android 13.0
Chip model	A311D2
RAM	8G
ROM	128G
CPU	A73 * 4 + A53 * 4 Octa
GPU	G52 * 8-core
Languages	English, Arabic, Spanish, French, Italian, Japanese, Portuguese, Russian, German, Vietnamese, Polish, Thai, Kazakh, Danish, Farsi, Czech, Hindi, Malay, Dutch, Finnish, Swedish, Hebrew

### IV. Touch parameters

Recognition principle	Infrared identification
Input mode	Passive infrared pen
Touch accuracy	± 1mm (more than 90% touch area)
Touch points	Windows supports 20 points by default; Android supports 10-point writing by default
Minimum identifier	Diameter ≥ 2.5mm
Output coordinates	32768(W) ×32768(D)
Response time	≤9ms
Support System	Windows10/Windows8/Windows7/Android

## 5. Speaker

Sound track	2.0
Speaker	2×15W

## VI. Camera and Microphone

Camera effective pixel	6000 * 8000 (48 megapixels @ 5fps, compatible with 4K @ 25fps and other common resolution output)
Lens field angle	102 ° (diagonal); 6p high lens group, supporting automatic white balance adjustment, adaptive environmental brightness, and intelligent portrait beauty
Image sensor	Samsung GM1 (1/2.0 inch) with optional Ai face detection/sound source localization
Microphone Effective Pickup Distance	≤ 12m (with 8 linear array microphones) Directivity: 178 ° straight ahead, 3A noise reduction

## VII. Electrical parameters

Power supply input	AC 180-240V~50/60Hz
Overall power consumption (standard mode without OPS)	■ 98 inches ≤ 550W
Standby power consumption (excluding external equipment)	≤0.5W

## VIII. Load output of OPS module

OPS supply voltage	17-21V DC
Rated load power	133W (19 V-7 A) Max
Interface types are supported	China OPS-C standard 80-pin interface
Compatible chassis sizes	L196 * W180 * H33 ~ 42mm (recommended height 33mm) does not support European standard OPS box
OPS image resolution	Support up to 3840 * 2160p @ 60Hz output

## IX. I/O Interface

Front interface	
HDMI IN	1
USB 3.0	2
USB Type-C	1
TOUCH 2.0	1
Rear onboard connector	
HDMI IN	2
USB 2.0	1
USB 3.0	2
USB Type-C	1
TOUCH 2.0	2
LINE OUT (mini)	1
VGA	1
PC AUDIO IN	1
DP in	1
RS232	1
COAX OUT	1
HDMI OUT	1
RJ45 IN	1
RJ45 OUT	1

## X. Dimensions and weight

Size	98 inches
Size of complete machine (L × W × T)	L2215.4xH1321.9xW91.4 mm
Package size (L × W × H)	L2380 x H1481 x W285
Complete machine + wall hanging thickness	131.4 mm
Wall mount size mm	L1193 x H860 x T40
VESA hole size (L × W)	1000×400 mm
Wall mounting screw specification	M8×25mm x4pcs
Net weight (KG)	89
Gross weight (KG)	114

It is normal that there are errors in the measurement data of structural dimensions, and the data marked in this specification are for reference only!

## XI. Attached accessories

Power cord	×1
Stylus	×1
Wall rack	×1

## XII. Environmental Factors

Operating temperature	0°C~40°C
Operating humidity	20%~80%RH
Storage temperature	- 10°C~60°C
Storage humidity	10%~90%RH
Working height	Below 5000 meters

## XIII. Wifi module

Wireless module	2.4G /5G
Bluetooth	BT5.0

## XIV. Optional Modules

OPS module model	I3/I5/i7 (optional according to actual needs of customers)
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## XV. Disclaimer

Due to the influence of product configuration and manufacturing process, the actual fuselage size/fuselage weight may be different, please refer to the real object.

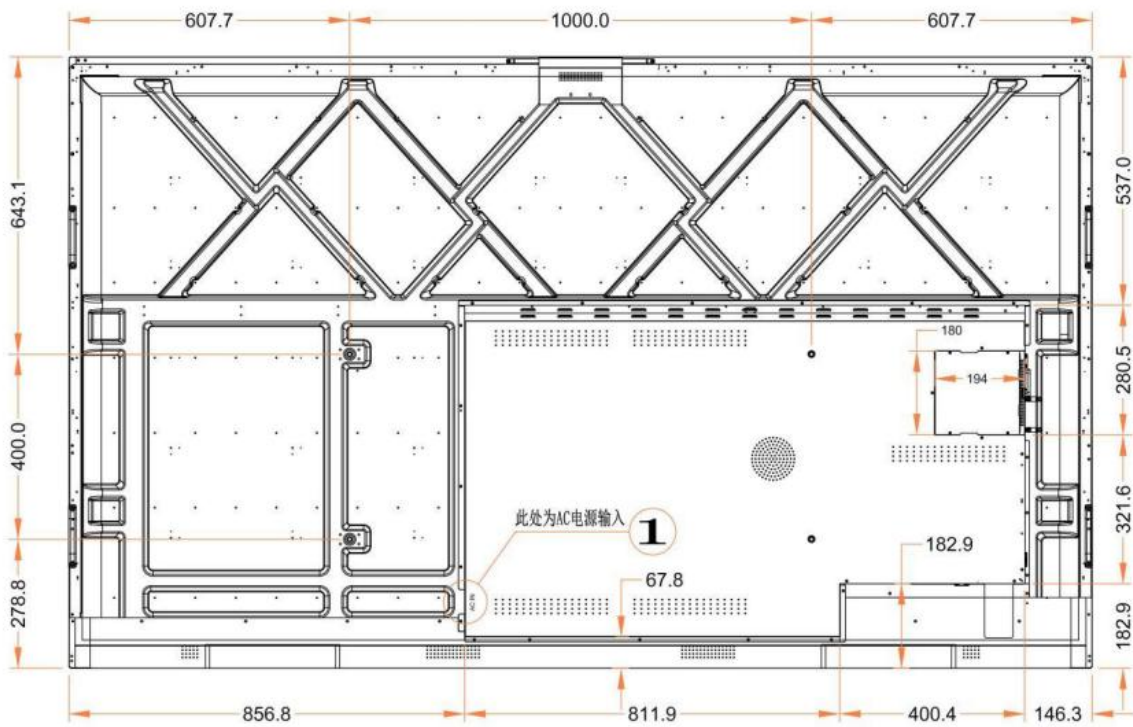
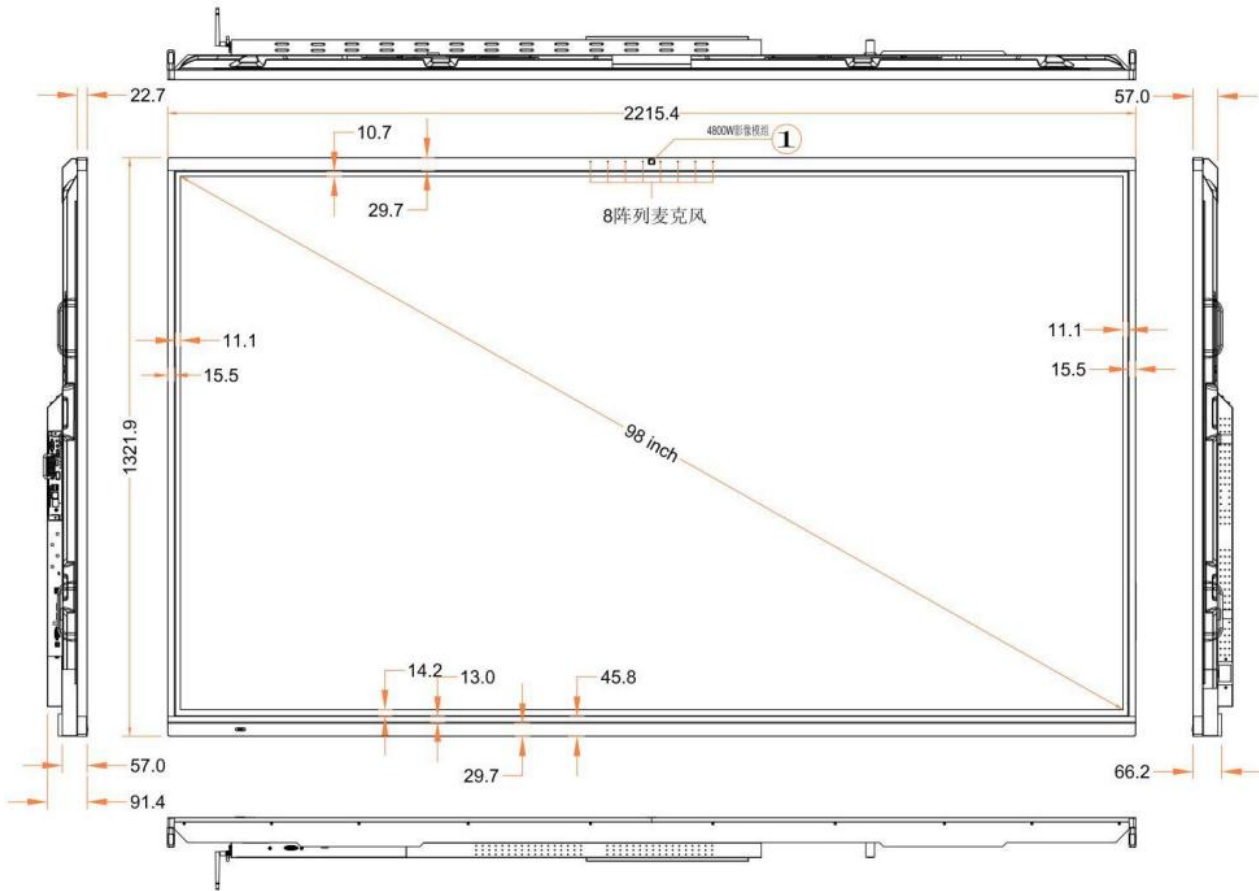
The product pictures in this specification are only for illustration. The physical product effect (including but not limited to appearance, color and size) may be slightly different. Please refer to the physical product.

In order to provide accurate specification parameters as far as possible, it is possible to adjust and revise the text expression, picture effect and other contents of the specification in real time, so as to match the actual product performance, specifications and other information.

If it is necessary to make the above modifications and adjustments, no special notice will be given.



# XVI. Six views of the product



## XVII. Precautions

1. Before operating and using the product, carefully read the precautions.
2. All warning signs in the product and in the instructions for use of the product should be observed.
3. The key on the panel is a unipolar switch. When the power supply is connected, press the key to switch between the power-on state and the standby state. The machine itself has an all-pole switch that is used as a means of disconnecting the power supply.
4. When there is abnormal sound or smell in the machine, please immediately turn off the power supply and pull out the plug. If it is confirmed to be abnormal, do not continue to use it, and ask the product maintenance personnel to repair it.
5. If the all-in-one machine is not used for a long time, turn off the power of the all-in-one machine and unplug the power plug.
6. Inflammable and explosive materials, such as candles, electric stoves and light bulbs, should not be placed on or near the machine to avoid accidents.
7. Be careful that liquid and metal enter the integrated machine. If liquid or metal falls into the machine, it must not be used again. Professionals should be asked to deal with it as soon as possible.
8. Do not use chemical agents to wipe the machine. Solvents may deteriorate the casing and damage its painted surface. If there is dust and dirt, wipe it with a wet cloth after turning off the all-in-one machine for ten minutes. The display screen can be gently wiped with a clean soft cloth. Unplug the all-in-one from the wall outlet before cleaning. Do not use liquid or aerosol cleaners.
9. Pay attention to water and moisture. Do not use this product in or near water, such as: baths, wash basins, kitchens, sinks, wash tubs, wet basements, or near swimming pools.
10. Equipment should not be subject to water drops or splashes, and objects filled with liquids such as vases should not be placed on the equipment.
11. The plug shall be easy to plug and unplug for grounding. This product is equipped with a three-wire grounding type plug that has a grounding pin and can only be inserted into a grounding type power outlet.
12. Do not place the product on an unstable cart, shelf, tripod, bracket or table, or it may cause the all-in-one machine to tip over. When the product is placed on a trolley, it should be moved with care. Quick stop, excessive force or uneven surface may cause the trolley and the integrated machine to overturn.
13. The slots and openings on the equipment are used for ventilation to ensure the reliable operation of the product and prevent overheating. Ventilation holes should not be covered with items such as newspapers, tablecloths, and curtains to prevent ventilation. For adequate ventilation, a certain clearance shall be ensured around the product.
14. This product can only be powered by the type of power supply and power supply voltage indicated on the label. If you are not sure about the type and voltage of the power supply in your home, please contact the product distributor or the local power supply company.
15. The power cable in the accessories of this product is a three-plug power cord (with grounding protection). Please confirm that the grounding terminal of the wall socket is well grounded during installation. When wiring the power cord, avoid the passage to avoid being trampled, and avoid being squeezed by other objects.
16. It is forbidden to push any kind of foreign objects into the product through any opening, otherwise they may contact dangerous voltage points or protruding parts, which may cause fire or electric shock.
17. Do not repair the product without authorization. Unauthorized opening or removal of the cover may expose you to dangerous voltages or other hazards. If there are any dimension. For repair, please contact the maintenance personnel designated by the manufacturer.
18. Install the product in accordance with the manufacturer's operating instructions and use only the installation accessories recommended by the manufacturer.
19. The installation of wall hanging (if any) of this product is only applicable to normal cement walls, solid walls and wooden walls that can bear more than three times the weight of the machine. For the

hanging and hoisting of special walls (referring to steel structure walls, hollow structure walls, glass, marble, etc.), the manufacturer suggests that you must consider the safety of product hanging or hoisting. Operation can be carried out only after ensuring that there is no error. The installation of such special materials must be carried out by professional personnel, and the manufacturer is not responsible for such installation.

20. The important content with the exclamation mark on the rear nameplate means that if the important safety components need to be replaced during maintenance (the components with this symbol next to the components on the circuit board), they must only be replaced with the components specified in the safety test documents. If there is no replacement of the same components, please ask the manufacturer.

21. The protective grounding of accessible conductive parts and output sockets of Class I equipment shall be reliably connected to the protective grounding terminal in the equipment.

22. Do not cover the ventilation hole of the equipment with anything, such as tablecloth, meal, curtain cloth, etc.

23. Do not put any burning (burning flame) objects on the machine, such as burning candles.

24. When you want to move the equipment from a hot place to a cold place, you should turn on the electricity before operation to fully preheat it.

25. In any case where batteries may be used, there is a risk of explosion if they are not replaced properly, and they should only be replaced with batteries of the same or equivalent type. The battery (battery pack or combined battery) shall not be exposed to excessive heat such as sunlight, fire or similar environment.

26. The disconnection device of this product is the appliance coupler. The appliance coupler is located on the shell of the product. When the product is not used, please unplug the power cord through the appliance coupler. Do not place other objects near the appliance coupler, so as not to hinder the disconnection of the product from the power supply.

27. Please confirm that the equipment is installed in a suitable position, such as on the wall or hanging on the mobile bracket. The mobile bracket uses the specifications and models recommended or designated by the manufacturer, and is installed under the guidance of professionals.

28. Due to the influence of product configuration and manufacturing process, the actual fuselage size/fuselage weight and outer packaging may be different, please refer to the real object. The product pictures in this specification are only for illustration. The physical product effect (including but not limited to appearance, color, size and weight) may be slightly different. Please refer to the physical product. In order to provide accurate specification parameters as far as possible, it is possible to adjust and revise the text expression, picture effect and other contents of the specification in real time, so as to match the actual product performance, specifications and other information.