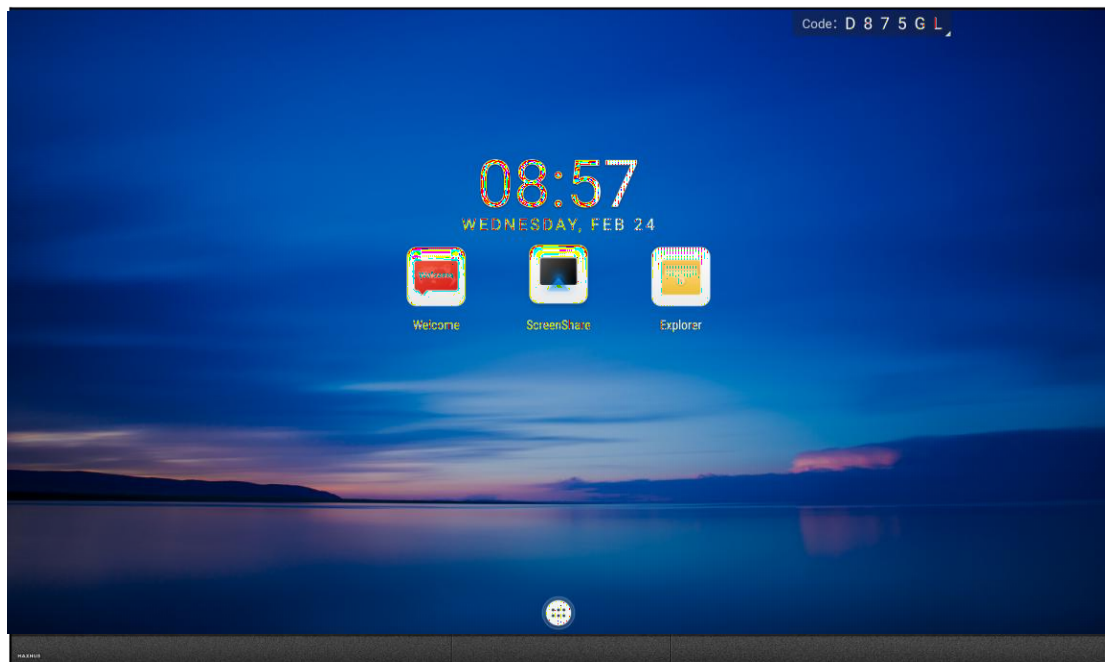'

# ICE Board LED Wall

# LED Wall All-in-1 Display Terminal Specification

# Product Specification



| Product Features |
| --- |

☐ Ultra-light and ultra-thin,the weight of a single LED cabinet is only 4.8kg, the thickness is 31mm, no complicated steel structure is needed,which is convenient for construction and installation ;

☐ Support sound playback, built-in 2*30W audio, support 2.0 channels

☐ Mobile phone interactive function, support mobile phone to realize touchpad and remote control function, support mobile phone to open application quickly, support mobile phone to adjust display parameters;

☐ It supports conference mode, presentation mode, energy saving mode, user mode and multiple modes, and the scene mode can be quickly adjusted according to the application scenario;

☐ The full HDMI interface uses HDMI 2.0 interface and supports 4K input;

☐ Support WiFi function, can be connected to achieve Internet access; support 2.4Gand5Gdual network duplex;

☐ Supports Bluetooth function, and can connect to Bluetooth devices via Bluetooth;

☐ Built-in Android 9.0 system;

☐ Built-in 232 and 485 interfaces can realize centralized control function;

☐ Full front service, supports hot plug, simplifies maintenance ;

☐ Leading 3-in-1 integrated board design, which reduces component wired connection and improves stability;

☐ Independent R & D design of software and hardware, high compatibility of functional modules, maximize performance of products; ;

- ☐ Built-in mature technology, support wireless screen transmission, small screen control large screen, letter sending system, timer, built-in "welcome interface" editing software, etc.;
- ☐ Simple and easy-to-use menu, remote control operation; realize brightness, color temperature, contrast, volume and other adjustments, signal source switching, standby mode selection and other functions.
- ☐ Ultra-low standby power consumption design, the standby power consumption of the whole machine is less than 0.5w.
- ☐ Meet the EU RoHS directive requirement.

## Product Parameter

### Overall Parameter

| | |
|---|---|
| Size | 220 inch |
| Aspect Ratio | 16:9 |
| Resolution | 1920*1080 |
| Overall Size (L*H) | 4893*2862mm |
| Display Area (L*H) | 4880*2745mm |
| Screen Thickness | 31mm |
| Net Weight | 330kg( wall-mounting bar and stand not included) |
| Recommended Viewing Distance | ≥5m |
| Maintenance Mode | Front Access |
| Installation Mode | Wall-mounting |

### Optical Parameter

| | |
|---|---|
| Brightness | 100-550cd/㎡(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 |
| Average Power | 1.76KW |

| | |
|---|---|
| Maximum Power | 5.20KW |
| **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℃-40℃ |
| Operation Humidity | 10%-80%RH No condensation |

## I/O Ports

| Type | QTY |
|---|---|
| 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 |
| Hanging Structure | 1 set (optional) |
| Stand | 1 set (optional) |

| Packing Dimension | | |
| --- | --- | --- |
| Item | Dimension | Quantity |
| Screen Packing Dimension | 1500*240*700mm | 8 |
| Module Packing Dimension | 650*490*150mm | 13 |
| Lower Frame Packing Dimension | 1930*270*200mm | 1 |
| Wall-mounting Bar Packing Dimension | 1840*160*130mm | 1 |

Note：

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

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