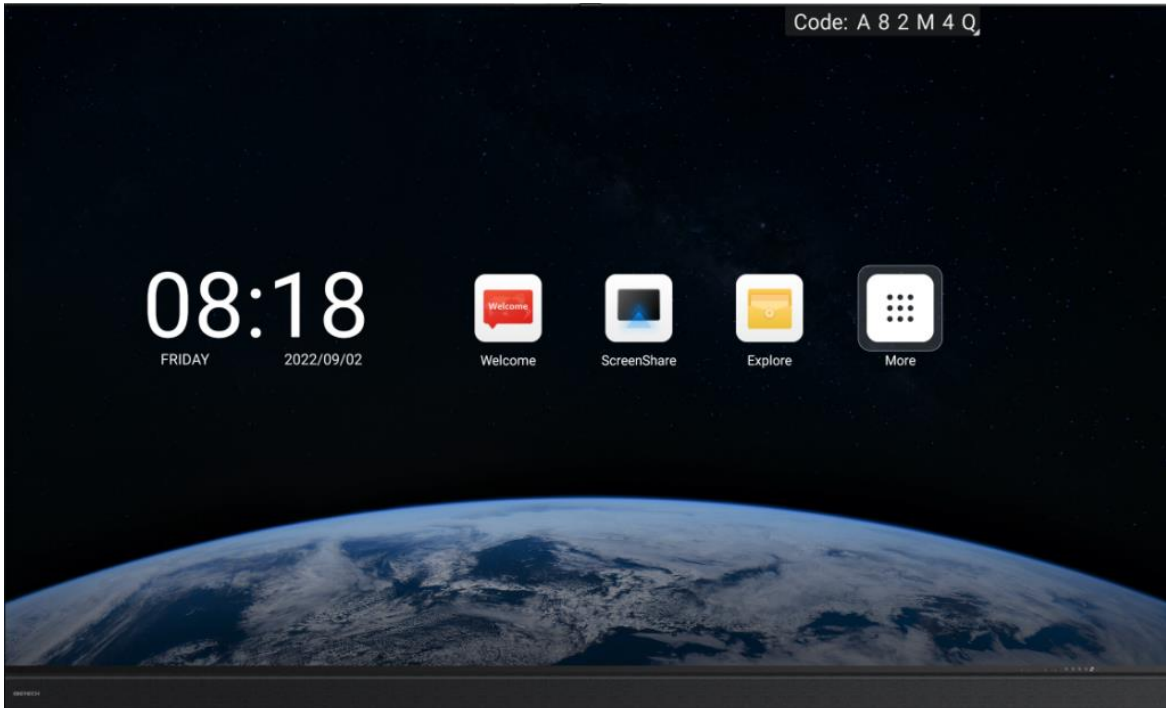# ICE Board LED Wall

LED Wall All-in-1 Display Terminal Specification

Product Introduction

Product Features

1. Built-in 2*30W speakers, support 2.0 channels;
2. Built-in video processing function;
3. Built-in Android 9.0 system
4. Support Mobile phone interactive function;
5. Support wireless mirroring function;
6. Support Bluetooth 3.0 function;
7. Support multiple display modes, including conference mode, presentation mode,energy saving mode and user mode;
8. Ultra-low standby power consumption design, the standby power consumption of the whole LED terminal is ≤0.5w.
9. Front maintenance, support hot swap;
10. All HDMI interfaces use HDMI 2.0 interface and support 4K input;
11. Built-in 232 and 485 interfaces can realize centralized control function;

12. Support WiFi function, can be connected to achieve Internet access; support 2.4G and 5G dual network duplex;
13. Independent R&D of software and hardware, with high matching of functional modules, maximizing product performance;
14. 3 in 1 integrated design reduces component connection lines and improves stability;
15. Meet China's national RoHS environmental protection requirements and EU RoHS directive requirements

Product Parameter

Display Parameter

Size	120 inch
Pixel Pitch (mm)	2.0
Display Ratio	16:9
Resolution (dots)	1280×720
LED Type	SMD1515
Module Size (W*H)/(mm)	166.5×374.6
Cabinet Size (W*H*D)/(mm)	666×374.6
Cabinet Qty	4×4
Overall Dimension (W*H*D)/(mm)	2678×1616mm
Display Dimension (W*H)/(mm)	2664×1499mm
Weight(kg)	90kg (Not including wall hanging bar and foot stand)
Optimum Viewing Distance (m)	≥2.6m
Maintenance	Front Access
Installation Mode	Stand, Foot mounting / Wall mounting

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.

Optical Parameter

Brightness (nit)	100~550 (adjustable)
Refresh Rate (Hz)	1920/3840Hz
Gray Scale (bit)	13-16bit
Contrast Ratio	6500:1
Color Temperature	2300-9300K (adjustable)
Viewing Angle (H/V °)	Horizontal 170°, Vertical 170°
LED Life Time (hrs)	≥100,000hrs

Electrical Parameter

Input Voltage (V)	100-240V AC 50/60Hz
Standby Power Consumption (W)	≤0.5
Average Power Consumption (KW)	0.74
Maximum Power Consumption (KW)	1.85

Environmental Parameter

Working Temperature (℃)	-10 - 40
Working Humidity (RH)	10%-80% No Condensation

I/O Port	
Type	**Quantity**
HDMI IN 2.0	3 (2 Internal & 1 External)
HDMI OUT 2.0	1 (Internal)
USB2.0	1 (External)
USB3.0	1 (External)
Type C	1 (External)
3.5mm Audio OUT	2 (1 Internal & 1 External)
Audio OUT(OPTICAL)	1 (Internal)
RS232 Port	1 (Internal)
RS485 Port	1 (Internal)
LAN Port	1 (Internal)

Physical Keys and Interface

No.	Description	No.	Description
1.	Light Sensor	8.	In brightness adjustment mode, press to reduce the brightness; It is the direction button on the menu mode.
2.	IR	9.	In brightness adjustment mode, press to increase the brightness; It is the direction button on the menu mode.
3.	Type C	10.	Standby/ boot up.
4.	USB 3.0	11.	Dual-color indicator light (blue and red).
5.	USB 2.0	12.	HDMI IN (bottom side)
6.	Menu, (including brightness, color temperature, contrast, sound, signal source, test mode, etc.)	13.	3.5mm Audio OUT
7.	Bright/ ok 1. When the menu is not called out, the brightness adjustment button is used to adjust the brightness with + and - keys; 2. It is the confirm key when calling out		

Remote Control

Button	Description
⏻	Standby/ Wake Up
☼	Brightness
⌃	Up
⌄	Down
‹	Left
›	Right
OK	OK
↺	BACK
⌂	HOME
≡	MENU
+	Volume +
−	Volume -

Accessories	
Type	**Quantity**
Remote Control	1
Front Access Tool	1
Installation Kit	1
Hanging Bar	1
Foot stand	OPTIONAL
Wireless Dongle	OPTIONAL

Note:
☐ Above subpackages shall be packed into one wooden case or flight case according to specific requirements, and packing list that records detailed information of quantity, weight and size shall prevail.

☐ Above accessories are for reference only, please check packing list for details.

☐ All specifications are subject to change without prior notice.

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