SHENZHEN LINGHUFOX TECHNOLOGY CO., LTD.
Focus on Interactive Whiteboard and Solution

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Interactive Electronic Whiteboard





(The picture is just for reference)

Application:

Office | Education | Conference | Presentation

Highlights:

High Contrast | Wide View | Customization | Android | Windows

Model: LINGHUFOX-110S (110 Inch)

Key Features:

1. With Android 11.0, 8G+128G
2. Built-in 48MP Camera and 8 Array Mics
3. Built-in multi-functions whiteboard software (infinite canvas/shape drawing, etc), support 20 points
4. Fast Wireless Screen Sharing for multi-device such as computer, android, iPhone, Mac(4 device at the same time)
5. Compatible with different popular conference software, such as Zoom/Google Meet/Microsoft Teams.
6. An open ecosystem to install various software, just download from Google Play.
7. Integrate TV, Tradition Whiteboard, Audio, AD display, Projector and Computer into one.
8. Suitable for remote video meetings with your teams in other country.
9. With wall mounting rack for installation.
9.Support dual system, Windows system (OPS) is optional.

Our Company Advantages:

1. Put quality and service into the first place, have a strict profession team to control the machine quality, have high temperature aging room, transportation&falling test equipment, etc to ensure high quality.
2. Direct cost control, and can offer favorable margin gap.
3. Flexible and professional OEM&ODM support.
4. LOW MOQ support.
5. 24 hours sweet service support.

Product Design Description

1) Aluminum alloy frame, surface sandblasting and anodic oxidation treatment, iron shell back cover, active heat dissipation;

2) 4mm physical tempered anti-riot glass， strengthen the visual effect and enhance the touch experience;

3) The PC supports 20 touch points, better smoothness, faster writing speed;

4) Using the OPS slot of the international general standard, the integrated plug-in design is convenient for upgrading and maintenance, and there is no visible external connection line of the computer module, and the body is beautiful;

5) Front expansion port: USB3.0*2、HDMI*1、TOUCH *1、Type-C*1;

6) 15Wx2+20W*2 in front of the speaker to prevent the sound effect from deteriorating due to the built-in environment;

7) One button of the front button to start， long press to open and close the screen and host at the same time,easy to operate;

8） OPS can be set to power start;

9) Android 11.0 system comes with electronic whiteboard, annotation function, annotation function can;

10) When the sliding whiteboard is closed on the interactive board,the screen will be automatically dimmed after a certain period of time.

Application field

Infrared touch interactive board, while taking into account the traditional writing layout, has a wide range of application scenarios.

General basic education, including: ordinary classroom, multifunctional classroom, video classroom, wisdom classroom, etc.

Higher education, including: normal wisdom classroom, inquiry wisdom classroom, multifunctional classroom, etc.

Vocational education, including: vocational higher education, vocational schools and other smart classrooms.

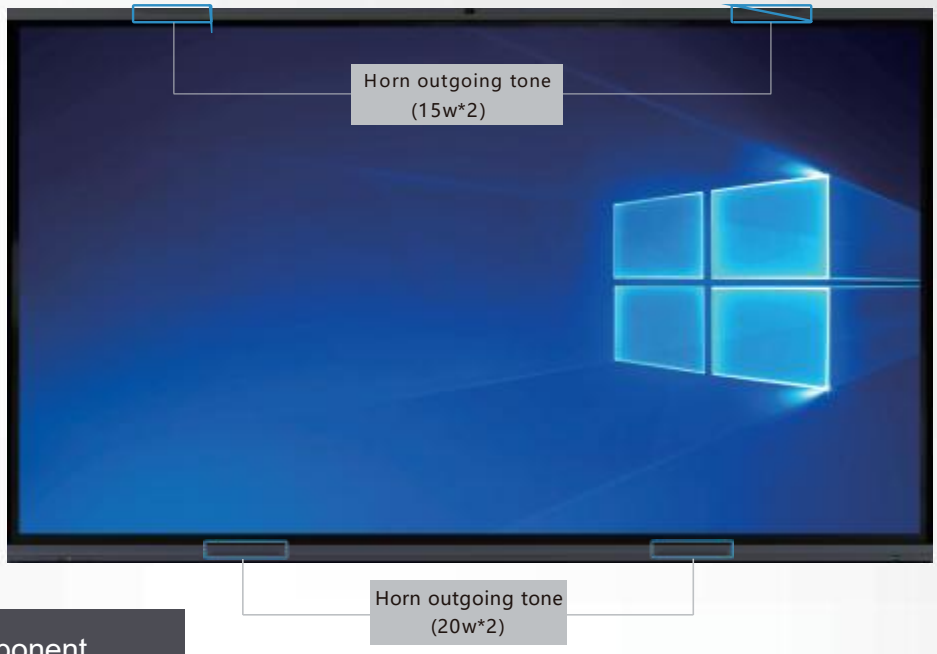
Training institutions, including: academic training, vocational training, promotion training, etc.

Online education, including: online broadcast, distance education and so on.

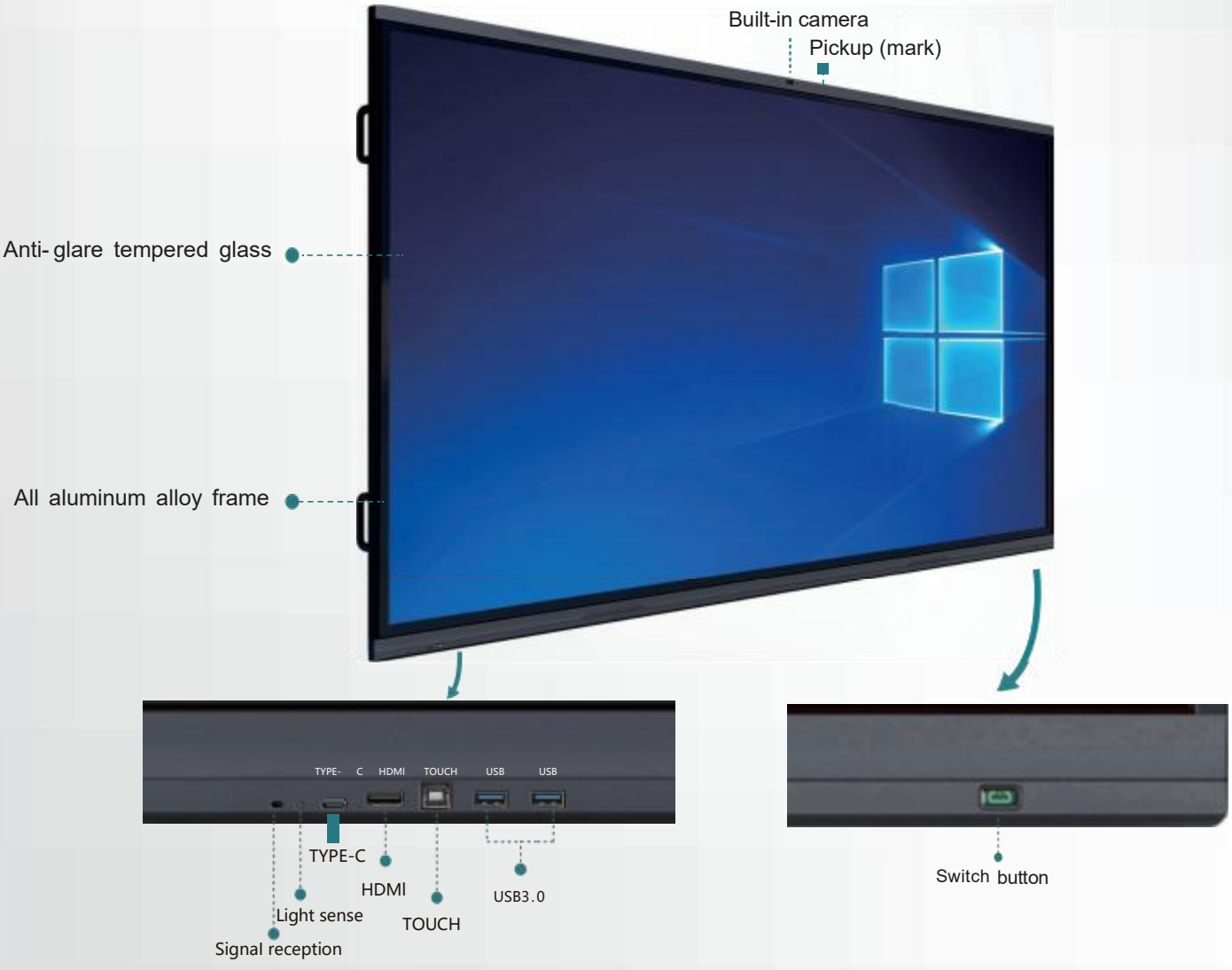
Other markets, such as: conference hall/room, exhibition room, interactive function renovation room, etc.

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Machine Details Introduction

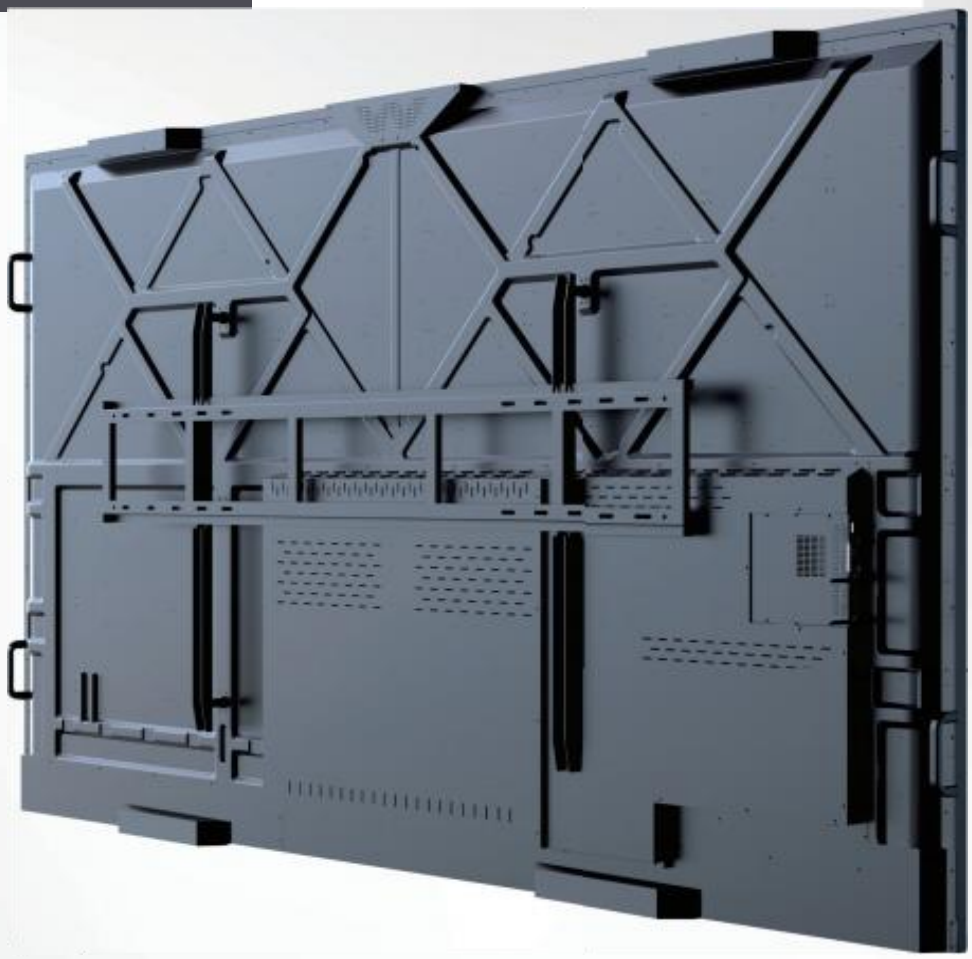


Machine Component Description



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The whole machine product effect drawing



Functional Features

- Support WIFI hotspot;
- Support RS232 central control, centralized control and other management systems;
- One-key micro-class recording, can record screen courseware, sound and video;
- 5 fingers long press the screen off/on;
- Support sidebar shortcut menus;
- Support screen lock, USB lock, touch lock and other security touch functions;
- Intelligent eye protection function;
- Full channel half screen function;
- Light sensing;
- Hover menu following function;
- Blue light blocking function;

Note: Different motherboard schemes, some functions will be different.

Indicator light Definition

Steady red: The interactive board is waiting for power.
Steady blue: The interactive board is working properly.
Blue blinking: Energy saving screen status.

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Usage scenarios

Remote Video Meeting



Teaching



This 110 inch interactive whiteboard is well compatible with different video software such as Zoom, Microsoft Teams, Skype, etc, which can satisfy to have a remote video meeting, training, medical diagnosis with teams from other country.

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Product Specification

Display	Screen Size	110 inch
	Screen assembly process	Frame/Zero Bonding Technology
	Backlight Type	DLED
	Display Type	2D
	Pixel pitch	0.211x0.634mm
	Effective display area	2433.5*1367MM
	Screen Ratio	16:9
	Physical Resolution	3840x 2160 UHD
	Brightness	400-450cd/m^2
	Contrast Ratio	1200： 1 (Typ.)
	Display color	1.06 billion colors
	Viewing Angle	178°,178°
	Refresh	60Hz
	Response Time	8ms
	Audio output power	8Q15W x2+20Wx2
Touch	Touch Type	IR Touch Screen
	Touch Points	The PC supports 20 touch points
	Touch embedding method	Embedded on the side
	Touch drive mode	HID driver-free
	Touch writing surface material	4mm tempered glass + Anti-glare
	Touch screen sensing method	Fingers or other non-transparent touch-sensitive media
	Touch screen positioning resolution	4096X4096
	Touch system communication port	USB 2.0
	Detection function and calibration	With software automatic detection function
	Responding speed	<8ms
	Touch times	Unlimited times
	Scan speed	100Hz/s
	Cursor speed	125P/S
	Touch accuracy	三2mm
	Installation and maintenance method	Rear\side disassembly maintenance type
	Touch support operating system	XP/Win7/ Win10/ LINUX/ Android

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SPECIFICATION	Product Size	2502*1498.7*103MM	No external installation media	
	Size including rack	2502*1498.7*123MM	Hanger hole distance:	800*1000MM
	Embedded wall installation size	2522*1518.7*123MM	Installation Principle	Single side extra 20mm
	Package Size	2680*270*1655mm	Package method	Kraft carton
	N.W./G.W.	116/150.5kg		
	Installation method	Embedded installation (standard)		
	Front Interface	USB3.0*2， HDMI*1， TOUCH *1， Type-C*1		
	Storgage Environment	Storage temperature: -20°C~60°C; storage humidity: 10%RH~90%RH		
	Working Environment	Working temperature: - 10°C~55°C; Working humidity: 10%RH~90%RH		
	Using lifetime	≧50000 hrs		
POWER	Working Volt.	110~240V/50~60Hz	Power switch/position	yes/ rear
	Power consumption	About 650W	Power type/method	Three-core power supply/fixed
	Standby power consumption	≦0.5W	Power interface specification	Y style
Mainboard configuration scheme	Model	C.T982.81		
	System version	Android11.0		
	To configure	T982-N0DN, DDR 8G , eMMC 128G， CPU(A55*4) , GPU （Mali G52MP2) , NPU （ 1T）, CPU Frequency （2GHz）, 2.4G +5G Hot spot		
	Input port	RJ45 IN*1， AUDIO IN*1,RS232*1,USB2.0*1,HDMI*2, USB3.0*2,		
	Output port	RJ45 Out*1， (Mini)LINE Out*1,OPTICAL Out*1,TOUCH Out*1		
	Audio frequency	MPEG1/2 layer I/II,AC-3(To be customized),AAC-Lc,WMA…		
	Video	MPEG- 1/2/4,AVS2 MP,H.264,H265,VP9		
	Picture	JPG/BMP/PNG		
Computer standard **(Computer is optional, no include)**	Dominant frequency	2.4 GHz		4G
	Chip set	Intel(R) 7 Series Chipset	The hard disk	Solid state 128G
	The graphics card	HD Graphics 3000	Sound card	Onboard Realtek ALC622 HD
	WIFI	2.4 G	Maximum output resolution	1920 * 1080
	Input port	1*LAN , 3*USB3.0 , 3*USB2.0 , 1*MIC-IN		
	Output port	1*HDMI , 1*VGA , 1*LINE-OUT		
Camera	Pixel	48 million pixels	Transmission mode	
	Output video format	2592*1944, 1920*1080,1280*720		
	Number of microphone	8 Array microphone	Signal-to-noise ratio	67db
	Pick up distance	10m	Functional characteristics	Echo cancellation beamforming

Accessories: Wall-mount bracket, Remotecontrol, Stylus(writing pen), Antenna, Power cable

Optional: OPS, Mobile Stand, Touch Pen, MiracastDevice, Makers, Camera & Microphone

QUALITY ASSURANCE

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Workshop Environment


Dust-free Workshop


Assembly Line


Aging Line

Manufacturing Process


Assemble Main Board


Assemble Backplates


Assemble LCD Screens

Process Control

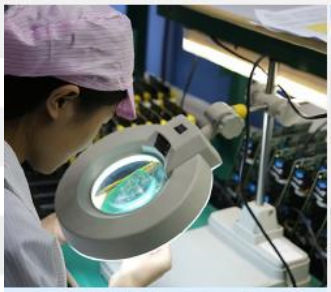

Check Assembly


Check Screen



Check Whole Machine

Quality Inspection


PCB Board Test


High&Low Temperature Aging

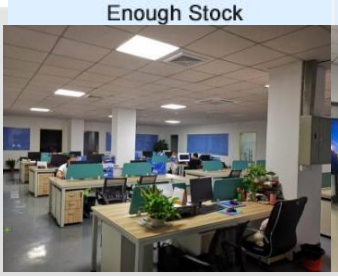

Package Transport & Falling Test

Production Capacity

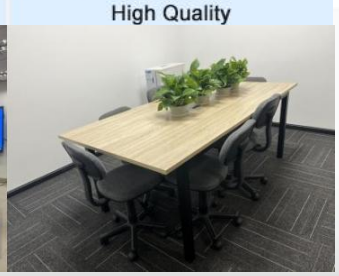

Enough Stock

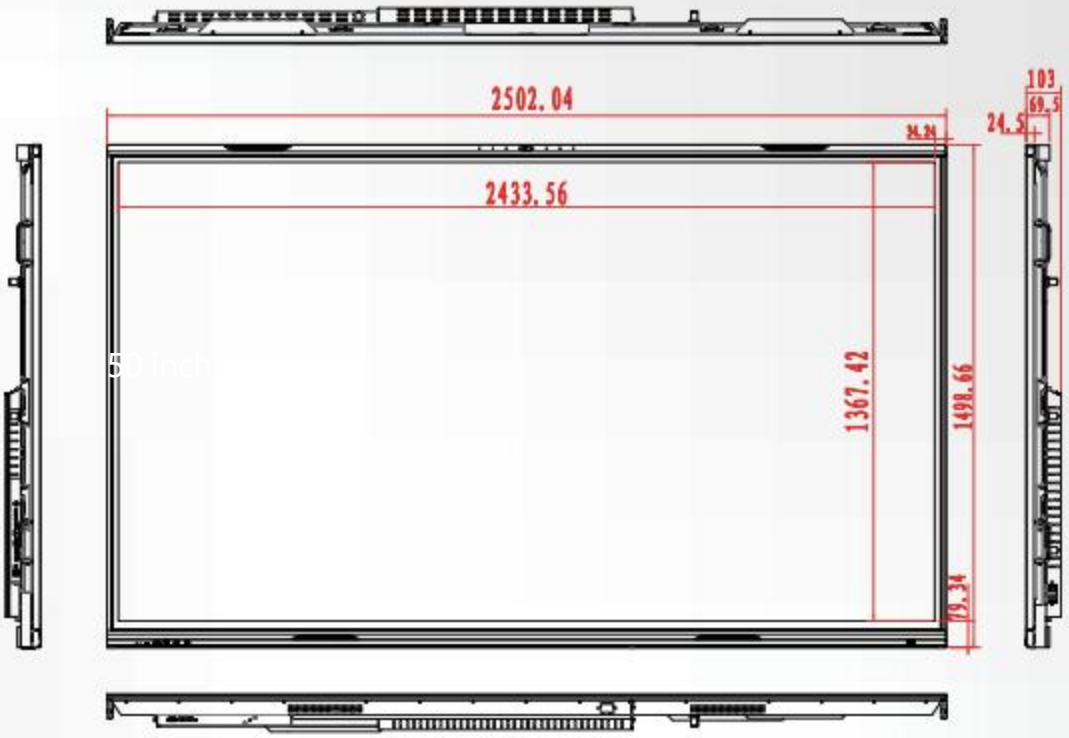

High Production

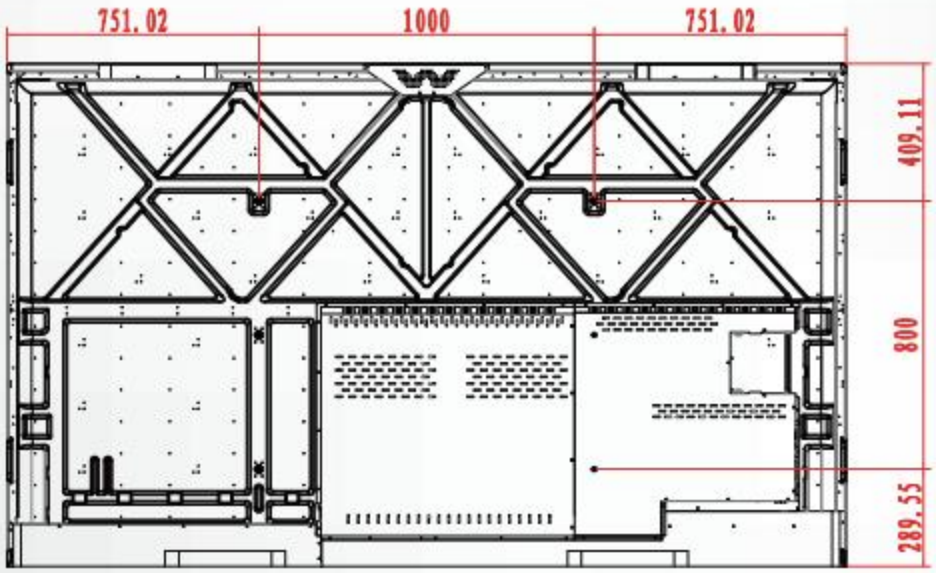

High Quality











Precautions for transportation:

1. During transportation, the machine must be placed in strict accordance with the outer packing box and fixed to avoid the machine from tipping over and being hit by foreign objects during transportation.(Especially hitting the front of the display)

2. Long-distance single transport requires wooden box protection.

Note: The content is for reference only, please refer to the actual object, and no notice will be given in case of any change.