

# Smart Interactive Whiteboard

Quick Start Guide

V1.0.0

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## Foreword

### General

This manual introduces the functions and operations of the smart interactive whiteboard (hereinafter referred to as "the whiteboard"). Read carefully before using the whiteboard, and keep the manual safe for future reference.

### Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable result.
NOTE	Provides additional information as a supplement to the text.

### About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.

- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

## Important Safeguards and Warnings

This section introduces content covering the proper handling of the whiteboard, hazard prevention, and prevention of property damage. Read carefully before using the whiteboard, and comply with the guidelines when using it.

### Storage Requirements



- Stably put the whiteboard onto a support platform that is strong enough to prevent the whiteboard from falling.
- Do not place the whiteboard in a place exposed to sunlight or near heat sources.
- Store the whiteboard under allowed humidity (10%~90% (RH)) and temperature (-10 °C to +50 °C, or -14 °F to +122 °F) conditions.

### Installation Requirements



- Do not install the whiteboard in a place exposed to sunlight or near heat sources.
- Keep the whiteboard away from dampness, dust, and soot.
- Install the whiteboard on a stable surface to prevent it from falling.
- Install the whiteboard in a well-ventilated place, and do not block its ventilation.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and be no higher than PS2. Please note that the power supply requirements are subject to the device label.
- The whiteboard is a class I electrical appliance. Make sure that the power supply of the whiteboard is connected to a power socket with protective earthing.
- The appliance coupler is a disconnection device. Keep it at a convenient angle when using it.
- Only applicable for use in altitudes below 5,000 meters.

### Operation Requirements



- WARNING**
- High voltage inside the whiteboard. Do not disassemble the whiteboard without a qualified professional present to avoid the risk of being exposed to danger.
- Improper use of the battery might result in a fire or explosion.
- Replace unwanted batteries with new batteries of the same type and model.
- Use the standard power adapter. We will assume no responsibility for any problems caused by the use of a nonstandard power adapter.
- Use the power cords that are recommended for the region and conform to the rated power specifications.
- Make sure all cables are connected correctly before plugging the whiteboard into the power. Do not overload the power socket or pull the power code. Otherwise, it might cause fire or electric shock.



- The whiteboard can run continuously for up to 16 hours each day. Please do not keep it running for longer than this time, otherwise the life of the screen will be affected.
- Do not drop or splash liquid onto the whiteboard, and make sure that there is no object filled with liquid on the whiteboard to prevent liquid from flowing into it.
- Operate the whiteboard within the rated range of power input and output.
- Do not disassemble the whiteboard without professional instruction.
- Use the whiteboard under allowed humidity (10%~90% (RH)) and temperature (0 °C to +40 °C, or +32 °F to +104 °F) conditions.

- The whiteboard is a class I electrical appliance. Make sure that the power supply of the whiteboard is connected to a power socket with protective earthing.
- The appliance coupler is a disconnection device. Keep it at a convenient angle when using it.

### Maintenance Requirements



- Power off the whiteboard before maintenance. Do not use the liquid cleaner or spray cleaner when cleaning the whiteboard.
- Use the clean and soft cloth or use the special lens wiping cloth when cleaning the surface of display screen. Do not use the wet cloth to clean the display screen. Otherwise, it may do harm to the screen.

## 1 Introduction

The smart interactive whiteboard is an integrated multimedia device, which integrates large HD screen, computer, electronic whiteboard, audio amplifier, application, and central control system.

The whiteboard supports the following functions and features:

- 4K HD LCD display.
- Switch between Android and Windows systems (for Windows, you need to install a computer module).
- One-tap projection of devices such as mobile phones and tablets.
- Electronic whiteboard.
- Various software such as Microsoft Office and audio and video players.

## 2 Packing List

Check whether there is any obvious damage on the packing box. Unpack the box and check whether the components are complete according to the packing list.

Table 2-1 Packing list

Name	Quantity	Name	Quantity
Smart interactive whiteboard	1	Power cord	1
Stylus pen	2	HDMI cable	1
Wall mount bracket (installed on the whiteboard already)	1	Quick start guide	1
Accessory package	1	Remote control	1

## 3 Installation

### 3.1 Preparation

To ensure correct function and safety, remember to check whether your site is ready for the installation in the first place.

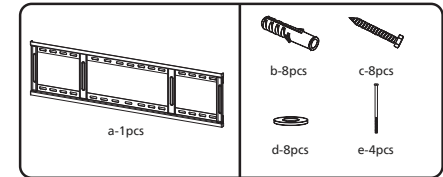
Table 3-1 Preparation

Item	Description
Grounding	The IR touchscreen requires that the site should be safely grounded. Check the voltage between the live and neutral wires, between the live and ground wires, and between the neutral and ground wires. If the voltage is abnormal, report the issue to the technician. The specific voltage requirements might vary depending on your local standard.
Power supply	The power supply circuit for the whiteboard should be independent from lighting and other circuits to avoid interference in power frequency.
Wall	Make sure that the wall can bear a load of 160 kg or more.
Space	Make sure that there is enough space for the whiteboard. The ideal reserved space is 10 mm greater than the length and height of the whiteboard. If you want to embed the whiteboard into the wall, make sure that there is enough space to use the ports and buttons on the 2 sides of the whiteboard.

Item	Description
Tools	Prepare the installation tools. <ul style="list-style-type: none"> <li>To install the whiteboard onto a brick or concrete wall, you need an electric hammer, impact driver, iron hammer, open-ended spanner, laser level or spirit level, crosshead screwdriver, work gloves, and other tools.</li> <li>To install the whiteboard onto a wooden wall, you need an iron hammer, self-tapping screws, laser level or spirit level, crosshead screwdriver, work gloves, and other tools.</li> </ul>

### 3.2 Installation Accessories

Figure 3-1 Installation accessories

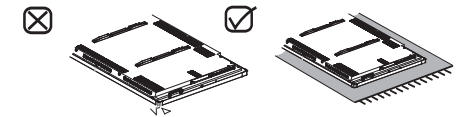


### 3.3 Installation Procedure

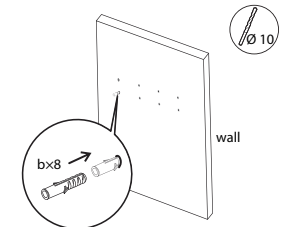
#### Procedure

**Step 1** Unpack the wall mount plate and all accessories.

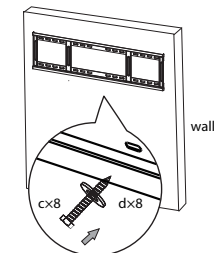
**Step 2** Take the display out of the box and place it on a soft surface, such as a mat, to protect it during installation.



**Step 3** Take 8 pcs of expansion rubber plug (b) and screw them into the wall. It is recommended to use a 10 mm impact drill bit to fix them.

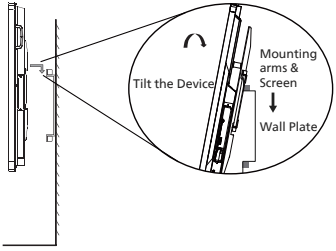


**Step 4** Mount the wall bracket (a) to the wall. Thread the screw (c) and gasket (d) through the holes on the bracket and tighten them with the expansion rubber plug.

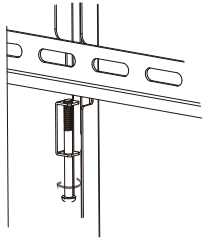


**Note:** If the wireless module is required, install it before mounting the display to the bracket.

**Step 5** Mount the display on the bracket and slide it down vertically. Keep the display in the center of the bracket.



**Step 6** Tighten the safety screw (e) counterclockwise so the screw at the top position can reach the screw hole at the lower position. This step is important for installation on the mobile stand. Tightening the safety screws can make the device more stable.



## 4 Appearance and Structure

Figure 4-1 Appearance

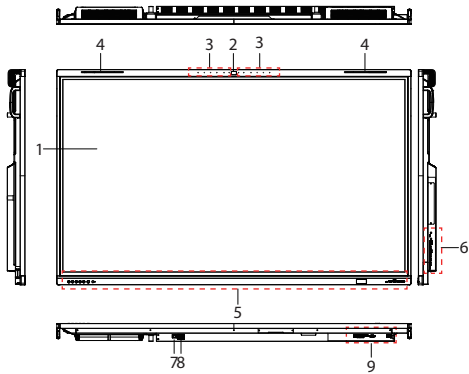


Table 4-1 Appearance description

No.	Description
1	LCD.
2	HD camera.The images are collected when the camera is on.
3	Array microphone.The sound is collected when the microphone is on.
4	Loudspeaker.Sound output.
5	Front panel.
6	Side of the rear panel.
7	AC SWITCH.To open or shut down AC power supply. "I" means power on, "O" means power off.
8	AC IN.AC power input, connecting AC power supply.
9	Bottom of the rear panel.

## Front panel

Figure 4-2 Front panel (1)

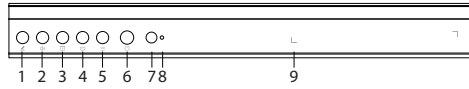
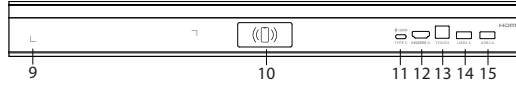


Figure 4-3 Front panel (2)



No.	Items	Function description
1		Enter comment mode.
2		Adjust volume.
3		Enter curtain mode.
4		Select signal sources.
5		Open or close the navigation bar.
6		Power button. Turn on or turn off the screen.
7	Remote control signal receiver	Receive remote control signal.
8	Light sensor	Sense ambient light to adjust backlight for appropriate brightness, it can be switched in the menu.
9	Magnetic zone	Area for placing the absorptive magnetic pen
10	NFC	NFC reading area.
11	USB Type C	USB Type C: Support charging, data transmission, extension for audio and video output interface, etc. Note: The maximum rated power of the USB Type-C port of this product is 20W 5A (20W 3.25A when OPS is plugged in); When using this port to charge electronic devices, the charging power of the electronic device cannot exceed the rated power of this port. If the charging power of the electronic device exceeds the rated charging power of this port, please Do not directly use this port for charging.
12	HDMI IN	High-definition multimedia interface signal input, connect to devices with HDMI output interface (personal computer with HDMI output, set-top box, or another video device).
13	TOUCH	Touch signal output to the external computer.
14	USB 3.0	Connect USB devices such as mobile hard disk, U disk, USB keyboard, mouse, USB drives, etc.

## Side of the rear panel

Figure 4-4 Side of the rear panel

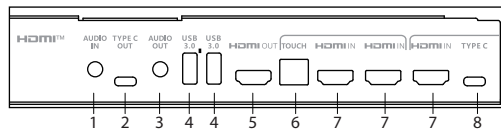


Table 4-3 Description of ports on the side of the rear panel

No.	Items	Function description
1	AUDIO IN	Connect to devices with audio output capabilities.
2	TYPE C OUT	Support data transmission, extension for audio and video output interface, etc.
3	AUDIO OUT	Audio output to the external speaker.
4	USB 3.0	Connect USB devices such as mobile hard disk, U disk, USB keyboard, mouse, USB drives, etc.
5	HDMI OUT	Connected to the devices with HDMI input function (monitor).
6	TOUCH	Touch signal output to the external computer.
7	HDMI IN	High-definition multimedia interface signal input, connect to devices with HDMI output interface (personal computer with HDMI output, set-top box, or another video device).
8	TYPE C	Support charging, data transmission, extension for audio and video output interface, etc. Note: The maximum rated power of the USB Type-C port of this product is 5V 3A; When using this port to charge electronic devices, the charging power of the electronic device cannot exceed the rated power of this port. If the charging power of the electronic device exceeds the rated charging power of this port, please Do not directly use this port for charging.

## Bottom of the rear panel

Figure 4-5 Bottom of the rear panel

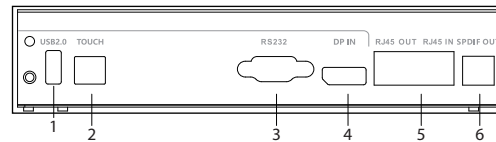


Table 4-4 Description of ports on the bottom of the rear panel

No.	Items	Function description
1	USB 2.0	Connect USB devices such as mobile hard disk, U disk, USB keyboard, mouse, USB drives, etc.
2	TOUCH	Touch signal output to the external computer.
3	RS232	Serial interface, used for mutual transfer of data between devices.
4	DP IN	Connected to devices with Display Port output function.
5	RJ45 OUT RJ45 IN	Connected to Ethernet
6	SPDIF OUT	Carry multichannel sound via optical signals.

## 5 Statement



This symbol, affixed to the product or its packaging, indicates that the product must not be processed with household waste. It must be brought to an electric and electronic waste collection point for recycling and disposal. By the appropriate disposal of this product you also help in preventing potentially negative consequences for the environment and human health. The recycling of materials helps preserve our natural resources. For further information regarding the recycling of this product, please contact your municipality, local waste disposal centre or the store where the product was purchased.



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