



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. 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.

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	Remote control	1
Wall mount bracket (installed on the whiteboard already)	1	Aerial rod	2
Accessory package	1	Quick start guide	1
Legal and Regulatory Information	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. - 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. - 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.

3.2 Installation Accessories

Figure 3-1 Installation accessories

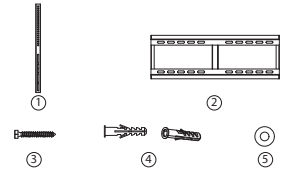


Table 3-2 Accessory descriptions

No.	Name	Quantity
1	Vertical bracket	2
2	Horizontal bracket	1
3	ø6 × 50 wall-mount screw	8
4	Plastic expansion plug for screw	8
5	Gasket	8

3.3 Installation Procedure

Procedure

Step 1 Insert M5 × 100 screws 2–10 mm into the vertical brackets.



The M5 × 100 screws are already installed on the whiteboard.

Step 2 Mark screw locations on the wall, and then drill holes.

- Identify a suitable installation position, and then mark the screw locations.



The recommended distance between the bottom of the whiteboard and the ground is 80–85 cm.

Figure 3-2 Installation dimensions (65-inch series) (mm [inch])

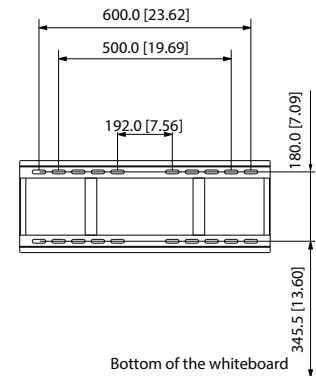


Figure 3-3 Installation dimensions (75-inch series) (mm [inch])

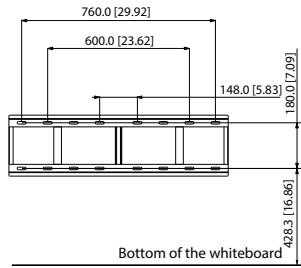
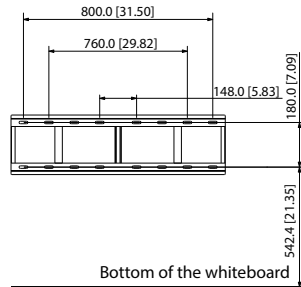
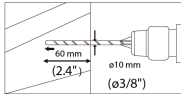


Figure 3-4 Installation dimensions (86-inch series) (mm [inch])



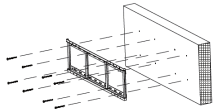
2) Drill holes at the marked locations.

Figure 3-5 Required hole diameter and depth (mm [inch])



Step 3 Use 6 × 50 mm wall-mount screws to attach the horizontal bracket onto the wall and keep it horizontal.

Figure 3-6 Install the horizontal bracket



Step 4 Attach the vertical brackets onto the wall. You can use the holes on the vertical brackets to adjust the height of the whiteboard.

- For 65-inch series, you can use the first to the third holes from up to down, with the maximum adjustment range of 30 mm.
- For 75/86-inch series, you can use the first to the seventh holes from up to down, with the maximum adjustment range of 90 mm.

Figure 3-7 Attach the vertical brackets (65-inch series) (mm [inch])

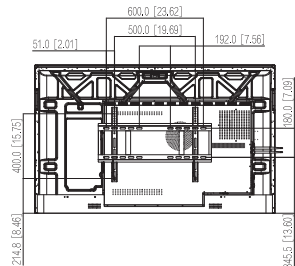


Figure 3-8 Attach the vertical brackets (75-inch series) (mm [inch])

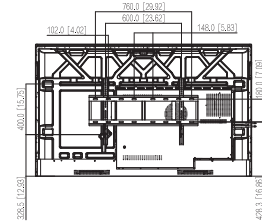
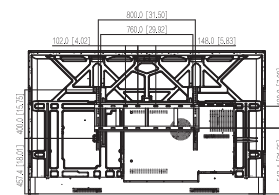


Figure 3-9 Attach the vertical brackets (86-inch series) (mm [inch])

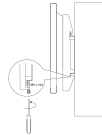


Step 5 Tighten the screws at the bottom of the vertical brackets to secure the brackets.



Make sure to use the appropriate screwdriver.

Figure 3-10 Secure the vertical brackets



4 Appearance and Structure

Figure 4-1 Appearance

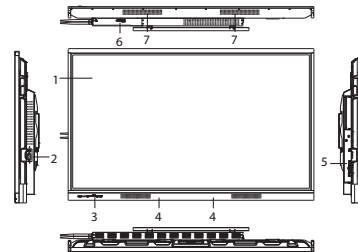


Table 4-1 Appearance description

No.	Description
1	LCD.
2	Power input port. Inputs 100~240 VAC power.
3	Front panel.
4	Magnetic stylus pen attach area.
5	Side of the rear panel.
6	Bottom of the rear panel.
7	Speaker holes.

Front panel

Figure 4-2 Front panel (1)

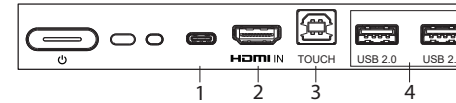


Table 4-2 Description of the front panels

No./ Button	Description
1	Connect with Type C cable for power supply and data transmission.
2	Inputs uncompressed HD video signals and multichannel audio signals from the external HDMI signal source.
3	Transmits touch signals. The port only works with the HDMI port next to it. After you connect your computer with the HDMI port, connect the TOUCH port to the USB port of the computer and then you can control the computer through touch operations on the whiteboard.
4	Connects to USB devices such as mobile hard disk, USB flash drive, USB keyboard, USB mouse. It is applicable to Android system and computer module. After you connect the whiteboard with your computer through the HDMI port and TOUCH port on the front panel, insert a USB device to the USB port and then the USB device will be read and found on your computer.

Side of the rear panel

Figure 4-3 Side of the rear panel

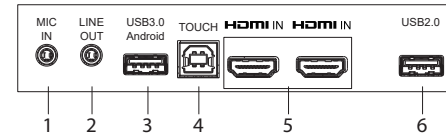


Table 4-3 Description of ports on the side of the rear panel

No.	Port	Description
1	MIC IN	Audio input port.
2	LINE OUT	Line output port. Connects to earphones or speakers.
3	USB 3.0 Android	Can connect USB devices such as portable hard drives, USB flash drives, USB keyboards, USB mice, etc., suitable for Android systems.
4	TOUCH	Transmits touch signals. After you connect your computer with the whiteboard through the HDMI port, connect the TOUCH port to the USB port of the computer and then you can control the computer through touch operations on the whiteboard.
5	HDMI IN	Inputs uncompressed HD video signals and multichannel audio signals from the external HDMI signal source.
6	USB 2.0	Connects to USB devices such as mobile hard disk, USB flash drive, USB keyboard, and USB mouse. It is applicable to Android system and computer modules.

Bottom of the rear panel

Figure 4-4 Bottom of the rear panel

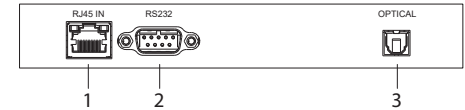


Table 4-4 Description of ports on the bottom of the rear panel

N o.	Port	Description
1	RJ45 IN	Network input port. Connects to the network cable to access network.
2	RS232	Connect with RS232 cable to realize serial communication transmission of data.
3	OPTICAL	HD audio and video signal output port. Transmits uncompressed HD video and multichannel audio data.