

# specification

Product Name: Interactive Smart Whiteboard (Conference)

Product model number: TL86OD-1

Main features: business oxidation black appearance, thin and ultra-narrow edge design, high-precision infrared touch control, intelligent pen edge writing, wireless screen transmission, smooth Android 14.0 system  
document number:

| Internal admission |        |             |        |
|--------------------|--------|-------------|--------|
| compile            | verify | examine and | check  |
|                    |        |             | ratify |
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**[It is possible that this document does not fully reflect all the latest changes to the product, subject to the actual product]**

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## Revision Record (Revision History)

| Date (Date) | Version (Version) | description (Description) | The Author (Author) |
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| 202 2- 1-1  | V1.0              | found                     |                     |
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## 1. product function

Android whiteboard intelligent thick and fine pen writing, with its own pen front, restore notes;

Scan the meeting code, easily take away the meeting minutes, and make the information sharing more convenient;

Support for continuous annotation under any channel;

Support custom boot LOGO and dynamic boot screen;

Support custom replacement of static wallpaper, dynamic wallpaper;

Support the equipment to regularly sleep into the screen saver, energy saving and consumption reduction;

Support for five sets of system theme switching;

The suspension icon supports users to customize and add 8 shortcut function application menus;

Support frozen screen after the gesture will be zoom in, shrink the image;

Intelligent identification of the signal source, access to the external signal to automatically jump into the port channel;

Multi-in-one power button, support two-in-one, three-in-one and other setting modes (energy saving, switch OPS computer, all-in-one function), wireless screen, multi-screen interaction, one-key screen projection, two-way control, to achieve content sharing between multiple devices;

Support to click the left and right sidebar to expand the function menu, respectively, calendar, lock screen, energy saving, record screen, magnifying glass, calculator, photo, photo, custom, sound adjustment, brightness adjustment, machine shutdown, computer shutdown, system Settings, the sidebar expanded without any operation 5S will automatically hide;

Multi-theme system theme, providing conference, education, technology and other multi-theme templates

Dynamic preview of the signal source

Static and dynamic wallpaper, can be clicked after a quick preview, random change, and support custom wallpaper function

A variety of energy saving ways, support screen dormancy, screen saver mode

Timed switch machine

It can monitor the temperature value of the whole machine in real time, and display the temperature situation on the Android home page, prompt with different colors, and automatically close the whole machine when the temperature of the whole machine is too high.

Channel setting, support the custom boot channel, support the channel channel name customization

Channel intelligent identification, insert the signal source after automatically jump, and prompt inquiry dialog box

Integrated safety lock function, provide U disk lock, screen lock, application software lock, touch lock

Image mode, provided in the signal source channel, WYSIWYG, without quitting the menu setting

A variety of sound mode selection, provide the selection of sound device function, optional speaker, USB microphone, etc., and support the equalizer function

Adaptive ambient light function, with support for adjusting the screen brightness according to the ambient light

The system suspension menu and sidebar can be switched and will according to the user needs

When there is no signal under the channel, the background color can be changed to support gesture functions such as five finger extinguish screen and three finger follow

It can be unlocked by remote control button, combination button, input password and U disk

The TV remote control function supports the F1-F12 function keys and Alt + F4 functions commonly used in the analog computer keyboard

Support on-screen pull menu, and can be switched according to user needs

Centralized control, through the external equipment for the whole machine volume, channel, sound, signal source and other functional operation

Provide a variety of language selection, and support the system interface, setting interface, application software, etc., the whole system multi-language follow the system language switch.

Support for online network upgrade

Support the system running time display function, can be viewed at any time. The system supports the anti-blue light eye protection mode to protect the users eyes.

Support USB device sharing, Android and computer at any time to switch, at any time to use

Support search setting function (set menu, support function options within the search system)

Provide fast gesture operation functions such as five-finger screen-out and three-finger screen capture

Wired and wireless network settings

Android whiteboard supports single-point and multi-point writing switching, gesture polishing, zoom and roaming, email sending; scanning code sharing, supports local and network selection functions, and supports current page and all pages; supports different colors and thickness; supports original handwriting writing functions; supports documents, PDF, JPG and other formats, whiteboard, calculator, ruler, timer, spotlight and other common teaching and training functions.

Full channel annotation, support fast setting of writing pen color;

Support to annotate multiple pages, and can preview the annotated pages at any time;

Support the annotation page to quickly import the whiteboard software;

Multi-screen interaction, support more than 4 channels of ios, android, pc, mac and other devices random screen projection;

File management software, support multi-system, U disk and other equipment documents for automatic classification, viewing, editing and other operations.

System optimization software, to provide the system overview, application software management, system memory optimization;

Support system information, ops computer, touch screen, temperature, screen and other complete device monitoring and alarm.

Welcome template, provide enterprises, government, medical, education, advertising and other more than 10 industry template applications, support multi-person sign-in, save, scan code sharing.

Browser, provide Google browser, Android browser

Provide Google Mall, YouTube, Aptoide and other foreign application software pre-installed

Support USB camera, high camera and other shooting equipment

Support for USB full-channel microphone, microphone array

## **2. Appearance of the whole machine**



### 3. Product Parameter

|                          |   |
|--------------------------|---|
| Body material            | Aluminum alloy frame                                |
| Front frame glass        | Physical tempered grade 7 explosion-proof glass,    |
| Machine size             | 1963. 5*1167. 5*123                                 |
| packing measurement      | 2150*1342*260                                       |
| Product weight           | 75 KG (net weight), 83 KG (gross weight)            |
| The power of the machine | 210W (excluding OPS, supporting OPS power 100W)     |
| Standby power            | ≤0.5W   |
| Sound horn               | Stereo sound effects, 2 * 15W high and height sound |
| input voltage            | 100-240V~ 50/60Hz                                   |

### 4. system parameter

|                  |              |
|------------------|--------------|
| slug             | C.MT9679.81  |
| CPU              | A73*4        |
| GPU              | Mali G52MC1  |
| internal storage | 4G           |
| memory           | 32GB         |
| System version   | Android 14.0 |

### 5. Computer parameters

|                  |  |
|------------------|--|
| scheme           | I5 four generations  |
| internal storage | 4G   |
| dedicated space  | 128 G  |
| system           | Windows7/10  |
| function         | Embedded computer, support the plug and pull without a separate connection, support the system one-key restore |

### 6. The machine interface

|                |                             |
|----------------|-----------------------------|
| Enter the port | YPBPR Input: 1 group        |
|                | CVBS video input: 1 group   |
|                | PC-RGB input: 1 group       |
|                | PC-RGB audio input: 1 group |
|                | HDMI: Group 3               |

|                 |                                 |
|-----------------|---------------------------------|
|                 | TF: Group 1                     |
|                 | USB: Group 2                    |
|                 | RS232: Group 1 group            |
|                 | RJ 45: Group 1                  |
|                 | TypeC: Group 1                  |
| output port     | Headphone sound output: 1 group |
|                 | CVBS video output: 1 group      |
|                 | PC-RGB video output: 1 group    |
|                 | Coaxial output: 1 group         |
|                 | RJ 45: Group 1                  |
| Front interface | USB: Group 2                    |
| Front button    | One key button                  |

## 7. Display parameters

|                                    |   |
|------------------------------------|---|
| Panel size                         | 86-inch (16:9)  |
| Backlit type                       | D-LED   |
| Display area                       | 1895.04 (H) ×1065.96 (V)                                |
| resolution ratio                   | 3840 (H) ×2160 (V) (UHD)                                |
| Color degree                       | 8bit , 1.07B  |
| luminance                          | Center point: 300 ~ 350 cd / m <sup>2</sup>             |
| contrast ratio                     | ≥ 5000: 1 (Typ.)  |
| Visual Angle                       | 178° (H) /178°(V)                                       |
| Backlight life                     | For> 30,000 hours                                       |
| Touch embedding mode               | Built-in one-piece                                      |
| The way of writing                 | Finger, touch pen, or other> 2.5mm                      |
| Number of touch points             | At 20 oclock  |
| Touch resolution                   | 32767*32767   |
| Touch precision                    | ±1mm  |
| Single refers to he response speed | <8ms  |
| Minimum identification point       | 2.5mm (support 3mm double fine pen full screen writing) |



|                     |   |
|---------------------|---|
| diameter            |   |
| Touch number        | The theoretical number is infinite        |
| drivers             | System automatic identification, no drive |
| support system      | windows7/10 , Android , Mac OS            |
| working temperature | - 10~+50 °C                               |

## 8. Random attachment

|                    |      |                        |
|--------------------|------|------------------------|
| Power line-gb 1.5M | 1PCS | standard configuration |
| certificate        | 1PCS | standard configuration |
| warranty card      | 1PCS | standard configuration |
| instructions       | 1PCS | standard configuration |
| telecontroller     | 1PCS | standard configuration |
| Wall hanging frame | 1SET | standard configuration |
| Touch the pen      | 2PCS | standard configuration |