HDFocus

# *HDFocus* Specification

## Interactive Whiteboard

www.hd-focus.com

# 55” Interactive Whiteboard

## HD-55I-T

## 1. Product Outlook

## 2. Main Features

- ◆Excellent slim design with aluminum alloy edging;
- ◆Ultra high 4K resolution and new original panel with TFT LED backlight;
- ◆Sensitive 20 points IR touch;
- ◆Support front button,quick switch touch, settings, home, recording, protect eyes,vol+/vol-;
- ◆Built in professional Anti-Glare Tempered glass;
- ◆Built in wireless projection and reverse touch control, support mobile and PC;
- ◆Support wireless transmitter for wireless projection, plug and play (optional);
- ◆Windows PC can support Webcast function, PC can install one wireless project software, then can wireless project screen to interactive board, and can reverse touch control;
- ◆Dual OS: Android OS and Windows OS available;
- ◆Built in professional OPS slot;
- ◆Built in professional whiteboard software, full 4K resolution user interface and GIF icons;
- ◆Built in annotation function, can annotate on both Android and Windows OS, support QR scanning to download to mobile phone;
- ◆Magnetic touch pen can be absorbed on the board’s front frame;
- ◆VC module: 48M pixels camera or 48M pixels motion and audio tracking camera with 8 sound arrays system (optional);
- ◆CE,ROHS, TELEC, PSE, FCC, HDMI and ENERGY STAR certified;
- ◆ISO9001 and ISO14001 certified.

## 3. Display

| | |
|---|---|
| Display Screen | 55” |
| Panel back light | TFT-LCD Module with DLED backlight |
| Panel Protection | Anti-Glare tempered glass |
| Hardness | 7H |
| Aspect Ratio | 16:9 |
| Color | 1.07B colors (10 bit) |
| Display area | 1210*678mm |
| Resolution | 3840*2160 |
| Brightness | 350cd/m2 |
| Contrast | 4000:1 |
| Response Time | 5ms |
| View Angle | 178° left and right, up and down |
| Life | Over 60,000 hours |

## 4. IR Touch

| | |
|---|---|
| Touch Type | Infra-red |
| Points | 20 points |
| Response Time | Less than 5ms |
| Resolution | 32767 * 32767 |
| Position Accuracy | ±1mm |
| Communication | USB2.0 |
| Touch Way | Pen, Finger or other light-proof items |
| Life Time | Over 60,000,000 touches |

## 5. Android Configuration

| | |
|---|---|
| CPU | Octa-core ARM Cortex-A55 |
| GPU | Mali-G52 MP2(2EE) |
| RAM | 8GB DDR4 |
| ROM | 128G EMMC |
| WIFI | IEEE802.11an 2.4/5 GHz |
| Hotspot | IEEE802.11 a/b/g/n Dual Band 2.4GHz/5 GHz |
| Bluetooth | Support, can receive signal up to 12M. |
| Android OS | Android 14.0 |

# 6. Input/output Interface

## Android I/O Interface

| | |
|---|---|
| Front Port | USB 2.0 * 2， USB 3.0 * 1 |
| | HDMI2.0 IN*1 |
| | TOUCH*1 |
| Rear Input Port | USB 2.0 *1,USB 3.0 * 1 |
| | HDMI2.0 IN*2 |
| | DP IN*1 |
| | RS232*1 |
| | RJ45 IN*1 |
| | VGA IN*1 |
| | Audio in *1(VGA Audio) |
| | AV IN*1 |
| | MIC *1 |
| | TF card slot*1 |
| Rear Output Port | AV OUT*1 |
| | RJ45 OUT*1 |
| | RCA OUT*1 |
| | Touch USB*1(USB TYPE B) |
| | Audio*1 |
| | HDMI2.0*1 |
| Bluetooth/WIFI | 1x 2.4 built-in module,1x 5G built-in module |
| | Bluetooth5.0*1 |

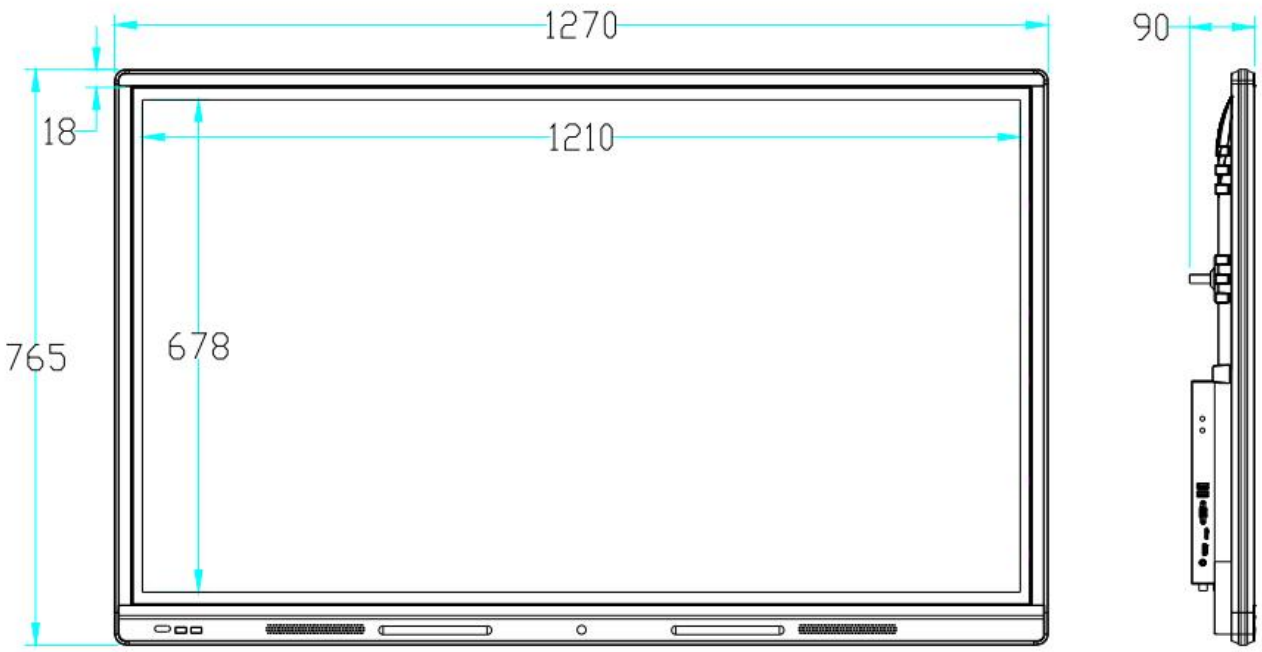
## 7. Accessories

| | |
|---|---|
| Remote Controller | Remote controller*1 |
| Wall Mount Racker | Racker*1 |
| Touch Pen | Free Touch Pen*2 |
| User Manual | User Manual*1 |
| Power cable | Power cable*1 |

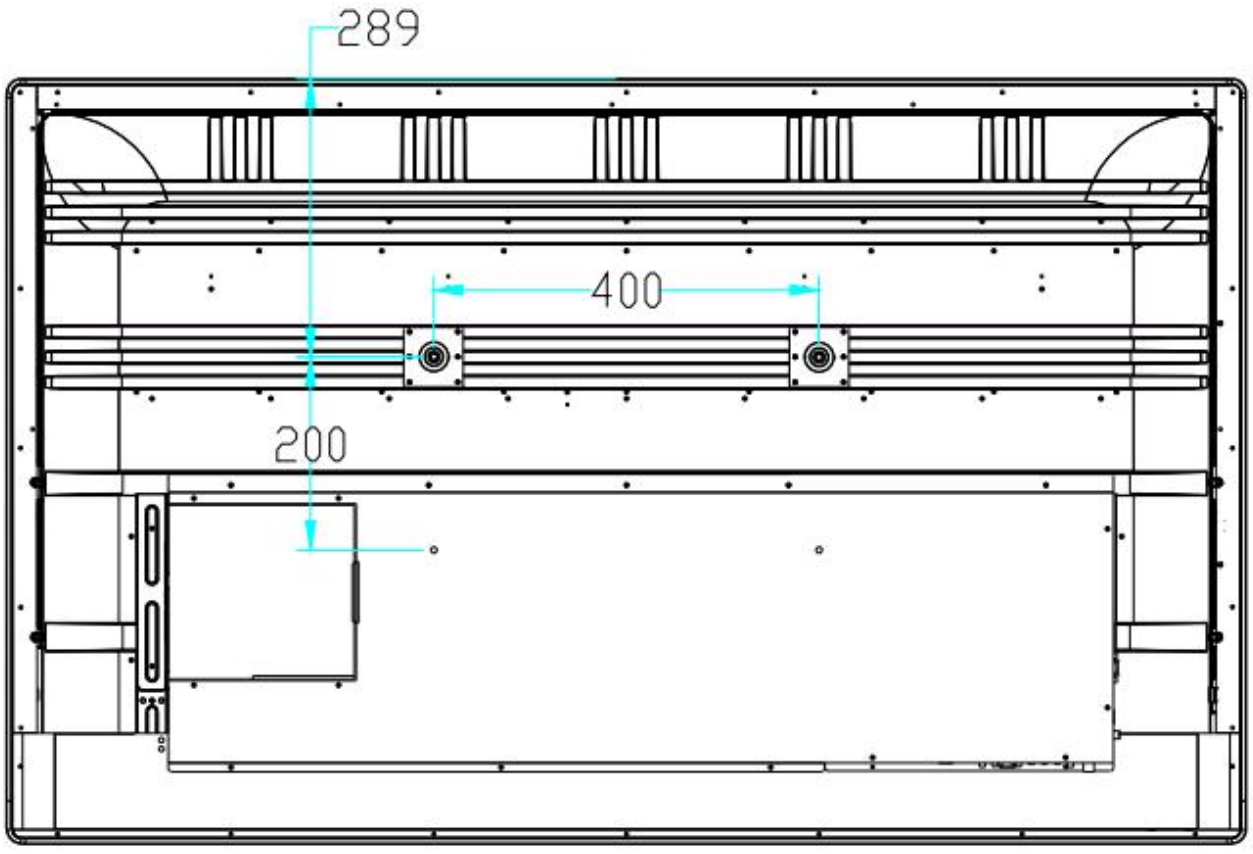
## 8. Others

| | |
|---|---|
| Net Dimension | 1270*90*765mm |
| Package Dimension | 1397*165*907mm |
| Net Weight | 24KG |
| Gross Weight | 31KG |
| Speaker | 2*16W speakers (Front) |
| VESA | 200*400mm |
| Color | Top and bottom in Silver, left and right in Black |
| Voltage | 100 V ~ 240 V, 50-60 Hz |
| Power | ≤ 160W |
| Working Temperature | 0— 40 ℃ |

## 9. Detailed Dimension Drawing

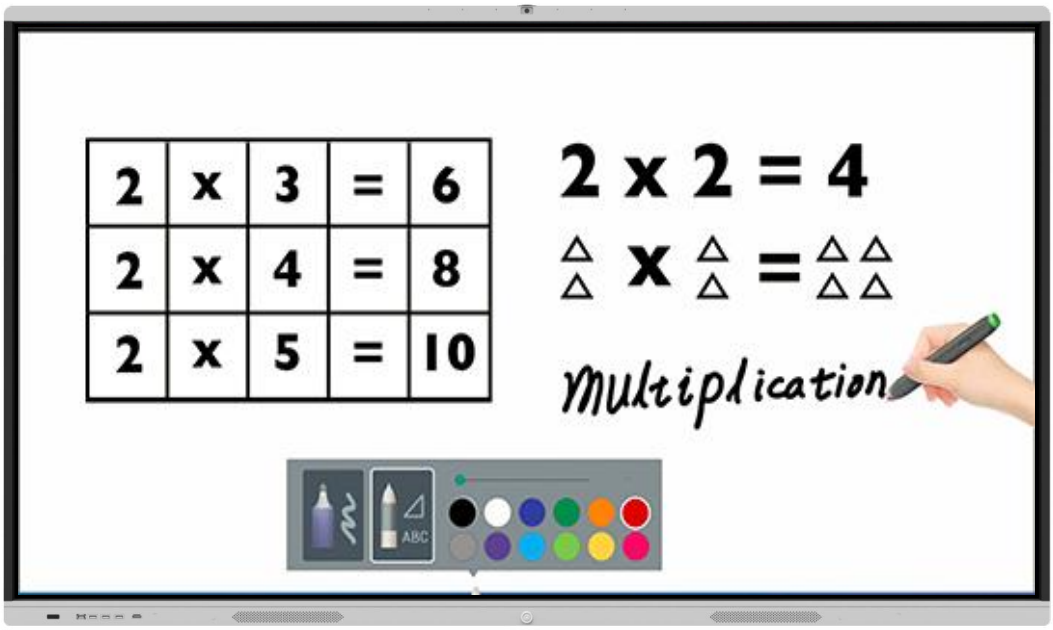



**Front and Side**




**Back**

## 10. White Board Software



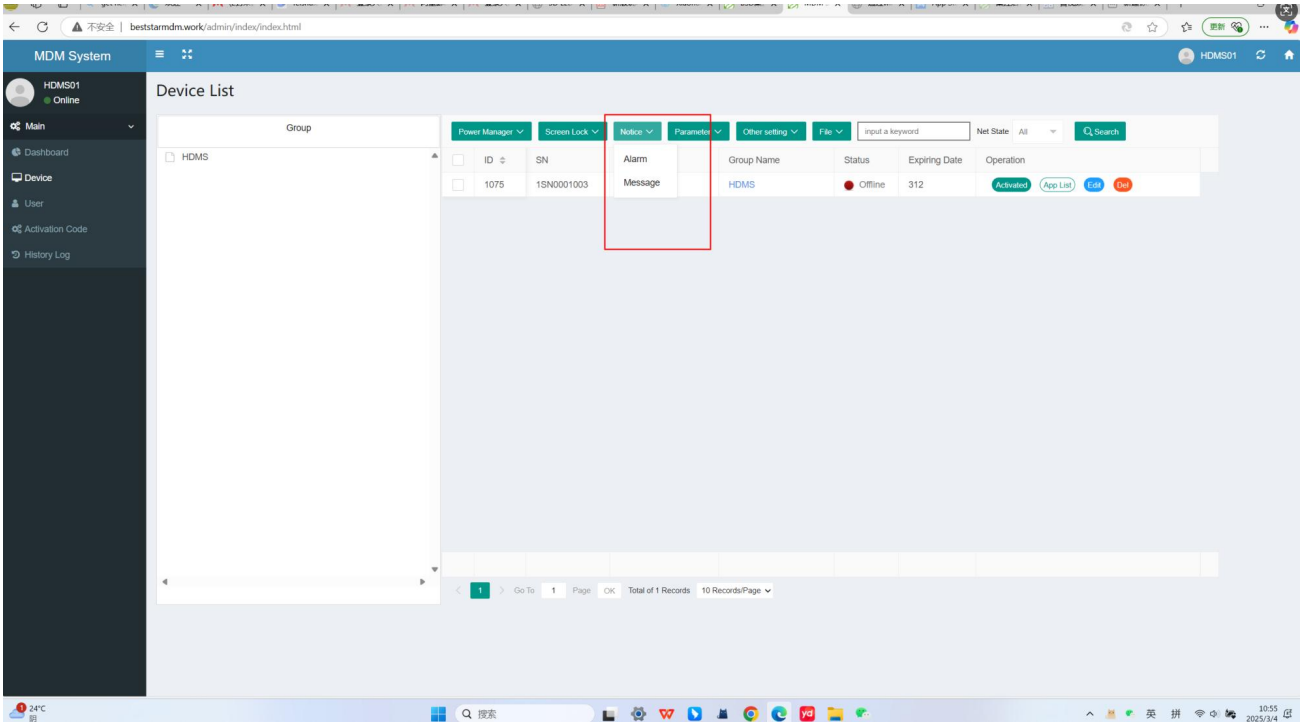

# Main features:

- Professional whiteboard software and wireless sharing software under Android OS;
- It supports gesture recognition, supports three fingers touch can call floating menu following, five fingers touch can call power on/off screen; and can be recognized as pen and erasing function by changing the touch area. It also supports erasing while writing;
- Support mobile phone wireless project, and reverse control;
- Built in eraser function, support hand gesture erasing;
- Annotation function, can annotate on both Android and Windows OS, and the annotation content support QR scanning to download to mobile phone or can be saved locally in the interactive board;
- QR code sharing, can download the content by QR scanning directly;
- Recording both the audio and pictures in MP4 format; Support wireless projection function, both mobile and PC;
- It supports the intelligent U disk lock function, the whole machine can be set to touch and key lock;
- Intelligent character recognition of the hand writing words and change to the standard English fonts, and support Google search the the hand writing words through web browser by opening a new window;
- Support half screen mode, pull down the upper part of the Windows display screen to the lower part of the display screen, and you can still operate the Windows system normally by touching.

## 11. Wireless Solution Control Software

| Control Software Main Features | |
|---|---|
| File Push Function | Support push picture, video, audio and Office file to locally display |
| File upload function | Upload any files wirelessly to the interactive board, users can download this file and display in the screen |
| Intelligent control | Intelligent control function: Wireless Touch Mouse, air mouse, Wireless keyboard Voice Handwriting input, Wireless Touchpad, Remote control for common keys(Home Menu Back Vol+/-…etc.) |
| Wireless camera | Support wireless camera and BYOM function |
| Annotation | Mobile phone and Windows PC can do wireless annotation to the interactive board screen. |
| TV Mirror | The interactive board screen can be shared to a mobile device wirelessly, and this mobile device can reverse touch control interactive board screen simultaneously |
| Split Screen Display | Can wireless project 9 mobile devices signals to the interactive board screen with 9 split screens display |
| Moderator Control | The moderator can control the permissions of the client devices, such as screen transfer, reverse screen transfer, touch, annotation and exclusive screen display |
| Airplay | Compatible with AirPlay protocol, any iOS devices can use AirPlay function to wireless project screen without install any APP |
| DLNA Protocol | Compatible with DLNA protocol, any App which support DLNA protocol can wireless project screen to the interactive board screen |
| iOS Project | iOS devices can wireless project screen to interactive board screen, and can reverse touch control the iOS devices through the interactive board screen |
| Android Project | Android OS devices can wireless project screen to interactive board screen, and can reverse touch control the Android OS devices through the interactive board screen |
| Extended Screen Project | Wireless Dongle terminal can do extended screen wireless transfer for the Windows 10 devices |
| Screen Group Display | Support the simultaneous transmission of one single signal to multiple interactive board screens for synchronous display with the wireless receiver product |

## 12. MDM System




This system is a centralized equipment management system. Through this system, the unified management of the interactive board can be realized remotely, including:

1. Dashboard visualizes statistical information: including number of devices, online devices and offline devices, total number of users, online users, and offline users, the number of used days, application usage statistics, and device distribution map.

2. Power management, including shutdown, restart, screen off, and screen on;

3. Screen lock, including lock, unlock;

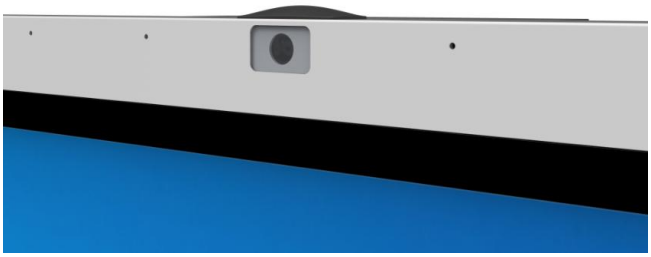
4. Send notification, including alarm and send message;

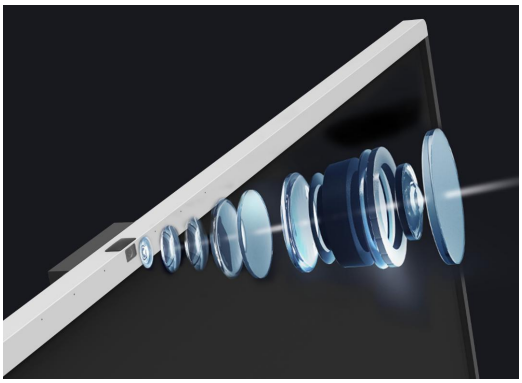
5. Parameter setting, including adjusting backlight, volume, signal source, restoring factory settings, system language setting, timed power on and off, and power-on channel.

6. Device lock, delayed lock, permanent unlock;

## 13. VC Module(OPTIONAL)

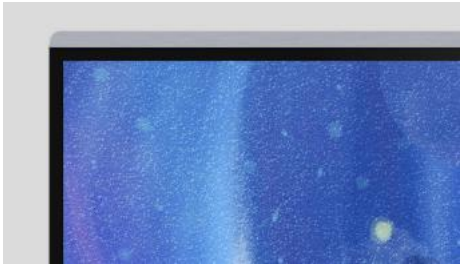
**VC module is use together with video conference software, such as ZOOM**





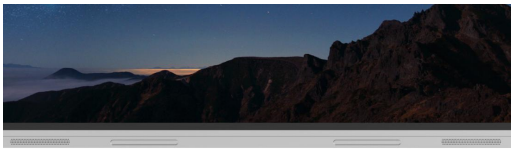
| | |
|---|---|
| Camera | 48M pixels |
| Number of Arrays | 8 microphone sound arrays system |
| Noise Cancellation | Support noise cancellation |
| Voice Pickup range | Up to 12M |

## 14. Product Details Pictures



Super slime design

Arc shape 0 bezel



Two Front Speakers

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