HDFocus

# *HDFocus* Specification

## Interactive Whiteboard

www.hd-focus.com

# 65” Interactive Whiteboard

# HD-65I-T Dual OS

## 1. Product Outlook




## 2. Main Features

- ◆Excellent slim design with aluminum alloy edging, matte grey and black color;
- ◆Ultra high 4K resolution and new original panel with TFT LED backlight;
- ◆Sensitive 20 points IR touch,can customize 40 points IR touch;
- ◆Built in professional Anti-Glare glass;
- ◆Built in wireless projection and reverse touch control, support mobile and PC;
- ◆EShare wireless transmitter for wireless projection, plug and play (optional);
- ◆Windows PC can support Webcast function, PC can install one Eshare software, then can wireless project screen to interactive whiteboard screen, and can reverse touch control;
- ◆Dual OS: Android OS and Windows OS available;
- ◆Built in professional OPS computer, can customize CPU, RAM and storage(optional);
- ◆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;
- ◆Support one line for the entire network(optional);
- ◆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 | 65” |
| Panel back light | TFT-LCD Module with DLED backlight |
| Panel Protection | Anti-Glare glass |
| Hardness | 7H |
| Aspect Ratio | 16:9 |
| Color | 1.07b colors (8 bit) |
| Display area | 1428.2*803.18mm |
| Resolution | 3840*2160 |
| Brightness | 350cd/m2 |
| Contrast | 1200:1 |
| Response Time | 8ms |
| View Angle | 178° left and right, up and down |
| Life | Over 60,000 hours |

## 4. IR Touch

| | |
|---|---|
| Touch Type | Infra-red |
| Points | 20 points(can customize 40 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. Dual OS Configuration:

## Android Configuration（OPTIONAL)

| | |
|---|---|
| Model 1 | 9679 Pro |
| CPU | Quad core ARM Cortex-A73 |
| GPU | Mali G52 MC1 |
| RAM | 4G DDR4 |
| ROM | 32G EMMC |
| WIFI | IEEE Std. 802.11a/b/g/n/ac/ax<br>Buidl In 2.4G&5G module (Dual-band Single Module) |
| Bluetooth | Bluetooth2.1+EDR/3.0/4.x/5.2/5.3/5.4 |
| Android OS | Android 14.0 |

## Android I/O Interface

| | |
|---|---|
| Front Port | USB*3 |
| | HDMI IN*1 |
| | TOUCH*1 |
| | TYPE-C*1 |
| Rear Input Port | RJ45*1 (100M) |
| | RS232*1 |
| | HDMI IN*2 |
| | USB2.0*1 |
| | MIC IN*1 |
| | USB3.0*1 |
| Rear Output Port | OPTICAL OUT*1 |
| | LINE OUT*1 |
| | TOUCH OUT *1 |

## Android Configuration（OPTIONAL)

| | |
|---|---|
| Model 2 | 9679 Max |
| CPU | Quad core ARM Cortex-A73 |
| GPU | Mali G52 MC1 |
| RAM | 8G DDR4 |
| ROM | 128G EMMC |
| WIFI | IEEE Std. 802.11a/b/g/n/ac/ax<br>Buidl In 2.4G&5G module (Dual-band Single Module) |
| Bluetooth | Bluetooth2.1+EDR/3.0/4.x/5.2/5.3/5.4 |
| Android OS | Android 14.0 |

## Android I/O Interface

| | |
|---|---|
| Front Port | USB*3 |
| | HDMI IN*1 |
| | TOUCH*1 |
| | TYPE-C*1 |
| Rear Input Port | RJ45*1 (100M) |
| | RS232*1 |
| | HDMI IN*2 |
| | USB2.0*1 |
| | MIC IN*1 |
| | USB3.0*1 |
| Rear Output Port | OPTICAL OUT*1 |
| | LINE OUT*1 |
| | TOUCH OUT *1 |

## Android Configuration（OPTIONAL)

| | |
|---|---|
| Model 3 | 9679 Maxplus |
| CPU | Quad core ARM Cortex-A73 |
| GPU | Mali G52 MC1 |
| RAM | 8G DDR4 |
| ROM | 128G EMMC |
| WIFI | IEEE Std. 802.11a/b/g/n/ac/ax<br>Buidl In 2.4G&5G module (Dual-band Dual Module) |
| Bluetooth | Bluetooth2.1+EDR/3.0/4.x/5.2/5.3/5.4 |
| Network | Supports one-network connectivity (Android 1000M Ethernet; 100M OPS, customizable up to 1000M OPS) |
| Android OS | Android 14.0 |

## Android I/O Interface

| | |
|---|---|
| Front Port | USB*3 |
| | HDMI IN*1 |
| | TOUCH*1 |
| | TYPE-C*1 |
| Rear Input Port | DP IN*1 |
| | RJ45*2 (1000M) |
| | HDMI IN*2 |
| | RS232*1 |
| | VGA*1 |
| | PC AUDIO IN*1 |
| | MIC IN*1 |
| | USB 3.0*1 ; TYPE-C*1 ; USB 2.0*1 |
| | TF CARD*1 |
| | HDMI IN *2 |
| Rear Output Port | TOUCH OUT*2 |
| | LINE OUT*1 |
| | OPTICAL OUT*1 |
| | HDMI OUT *1 |

**Windows OPS Configuration (OPTIONAL)**

Client can choose from the Pro, Max or Max plus version for the OPS, we also can customize other configurations, pls check with sales separately.

| | | | |
|---|---|---|---|
| Sky Lake-S 6th Gen processors | I3-6th Ge. | I5-6th Ge. | I7-6th Ge. |
| DDR4/RAM | 4G/8G/16G/32G (Optional) | | |
| Hard disk/SSD | SSD 128G/256G /512G/1TB (HDD 1TB Optional) | | |
| Memory Module | SO-DIMM DDR4 2400/2666MHz | | |
| Storage Interface | One M.2 2280 interface supports both NVMe and SATA protocols | | |
| | 1* 2.5" SATA HDD/SDD | | |
| Graphics card | Intel® HD Graphics card 530 integrated | | |
| WIFI & BT | 1*M.2 2230 for Wifi+BT | | |
| Windows OS | Win 10/11, Linux, Chromium OS | | |

**Windows OPS I/O Interface, based on 6th Generation OPS (Only available with OPS built in, for customized OPS, the I/O interfaces are different)**

| | |
|---|---|
| HDMI | HDMI OUT*1 |
| DP | DP OUT*1 |
| MIC | MIC IN*1 |
| RJ45 Port | RJ45*1 |
| USB Port | USB 2.0*2, USB 3.0*4 |
| Type-C | Type-C*1 |
| LINE-OUT | LINE-OUT*1 |
| Power | Power*1 |
| Restore | Restore*1 |

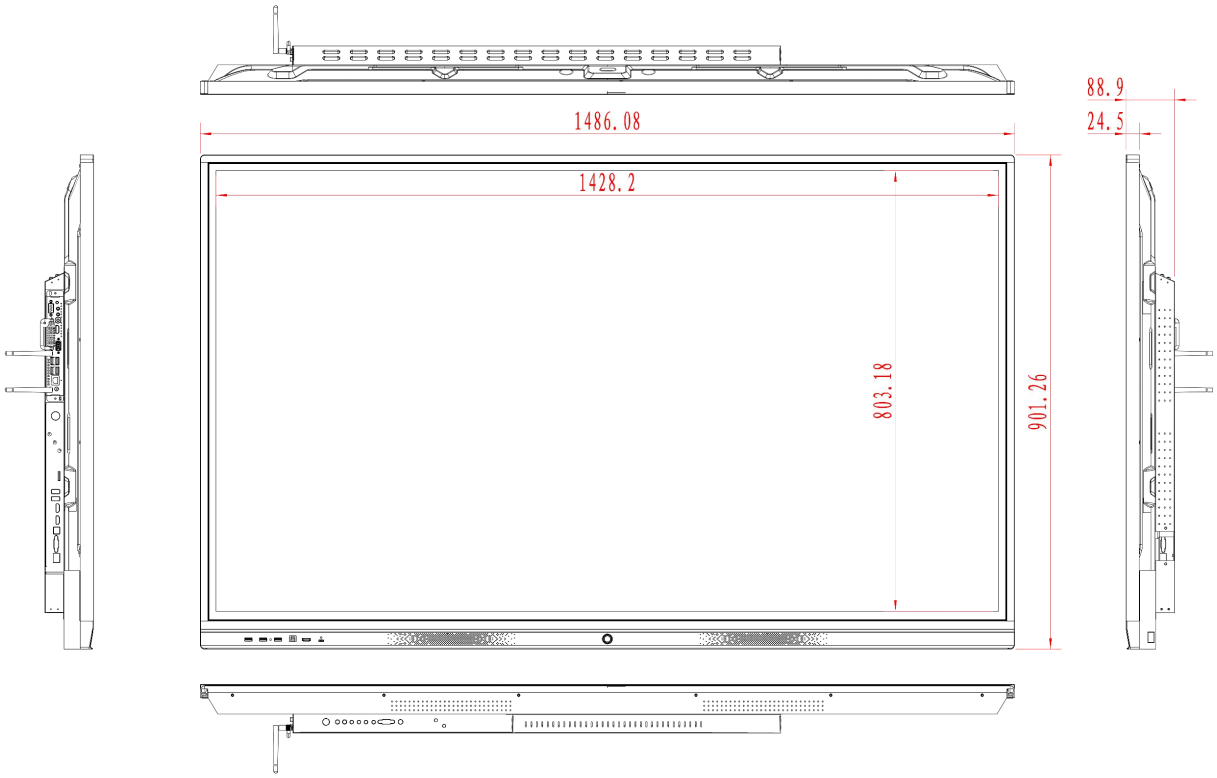
## 6. Accessories

| | |
|---|---|
| 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 |

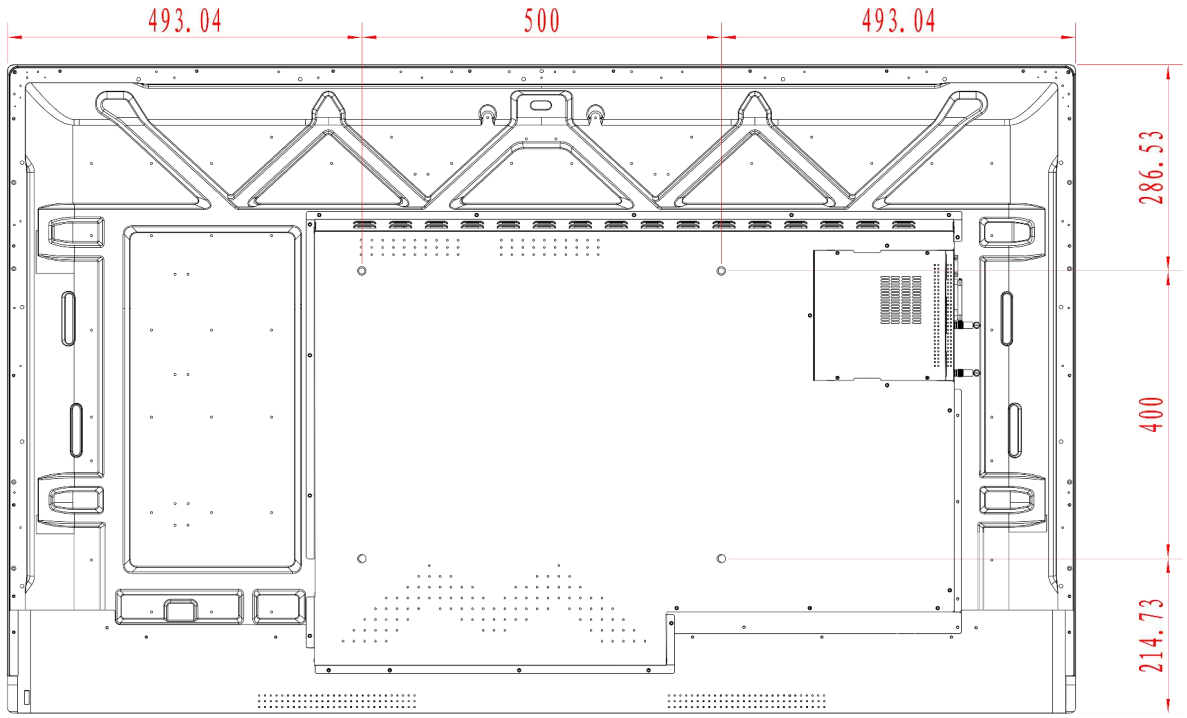
## 7. Others

| | |
|---|---|
| Net Dimension | 1486.08*901.26*88.9mm |
| Package Dimension | 1600*205*1001.5mm |
| Net Weight | 37.2KG |
| Gross Weight | 46KG |
| Speaker | 2*15W speakers (Front) |
| VESA | 400*500mm |
| Color | Top and bottom in Iron gray, left and right in Black |
| Voltage | 100 V ~ 240 V, 50-60 Hz |
| Power | ≤ 200W |
| Working Temperature | -10— 55 ℃ |

## 8. Detailed Dimension Drawing

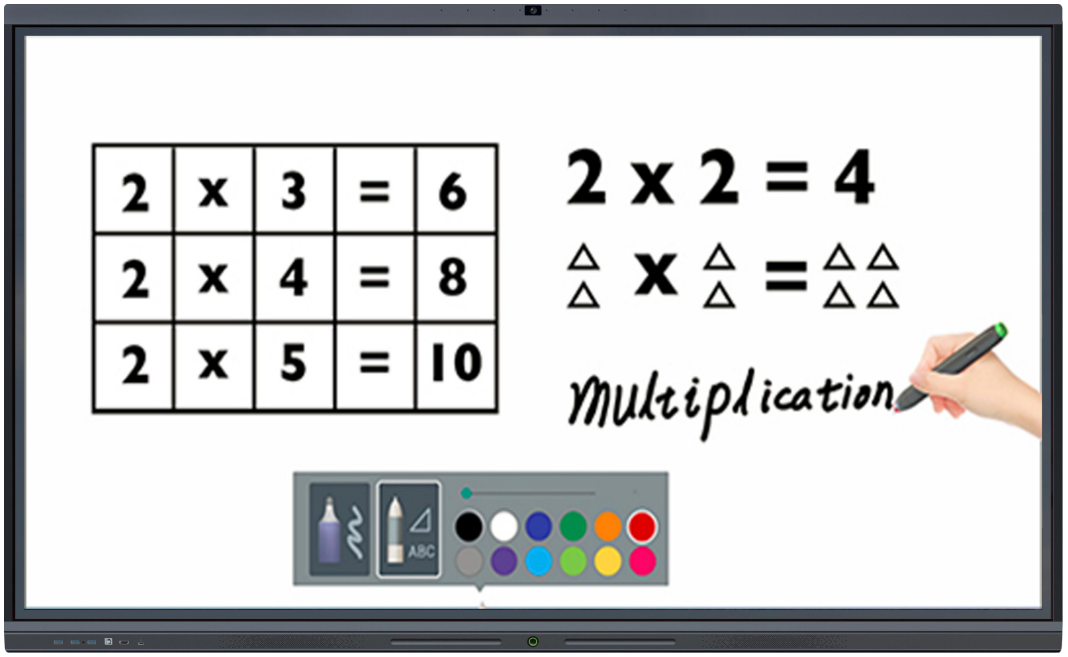



**Front and Side**




**Back**

## 9. 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 whiteboard;
- 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.

## 10. EShare Wireless Transmitter (OPTIONAL)



**Model: HDT1**

- Wireless projection, support project the PC signal to the interactive whiteboard, and reverse control;
- Featured with ultra-low power consumption;
- Classic design with plastic case and LED lighting;
- Plug and play, no more software need to install;
- Support dual band of 2.4G&5.8G,more stable and fast transfer;
- Transfer audio and video up to 1080P resolution and 30FPS.

| Detailed Specification | |
|---|---|
| Interface | USB2.0 (5V/500mA) |
| Supported OS | Windows 7 and above, macOS 10.10 and above |
| PC Minimum Spec | Frequency: 1.8GHz and above; RAM: 2G and above |
| Input Resolution | Input resolution support up to 3840*2160 |
| Project Resolution | 1080P@25~30fps |
| Audio Transfer | 44.1KHz/16bit, stereo audio |
| Wireless Project | Plug and play, auto run, no need to install any software |
| Wireless Protocol | IEEE 802.11ac / 802.11n |
| Wireless Band | 2.4G&5.8G |
| Wireless Distance | Maximum 35M |
| Transmission Delay | Less than 50ms |
| Reverse Touch Control | Reverse touch control, maximum support 10 points touch |
| Extended Screen Transfer | Windows 10 PC  can wireless transfer extend screen |

# HD-65I-T Specification

## EShare Wireless Solution Control Software



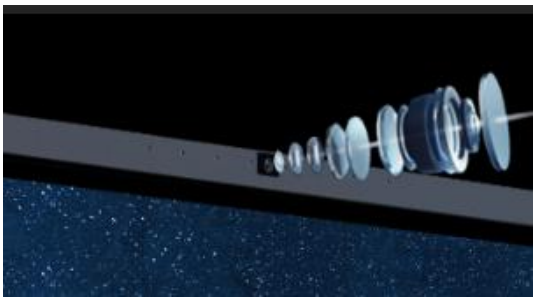



| Control Software Main Features | |
|---|---|
| File Push Function | Support push picture, video, audio and Office file to locally display |
| File upload function | Upload any files wirelessly to the interactive whiteboard, users can download this file and display in the screen |
| Intelligent control | 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 |
| Annotation | Mobile phone and Windows PC can do wireless annotation to the interactive whiteboard screen. |
| TV Mirror | The interactive whiteboard screen can be shared to a mobile device wirelessly, and this mobile device can reverse touch control interactive whiteboard screen simultaneously |
| Split Screen Display | Can wireless project 9 mobile devices signals to the interactive whiteboard 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 whiteboard screen |
| iOS Project | iOS devices can wireless project screen to interactive whiteboard screen, and can reverse touch control the iOS devices through the interactive whiteboard screen |
| Android Project | Android OS devices can wireless project screen to interactive whiteboard screen, and can reverse touch control the Android OS devices through the interactive whiteboard 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 whiteboard screens for synchronous display with the wireless receiver product |

## 11. VC Module(OPTIONAL)

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



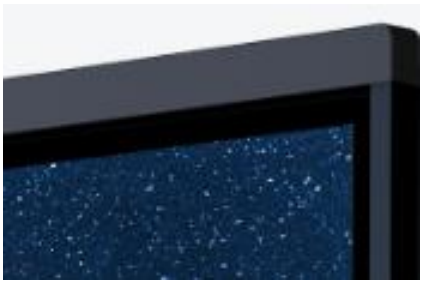


| | |
|---|---|
| Camera1 | 48M pixels |
| Camera2 | 48M pixels motion and audio tracking camera(optional) |
| Number of Arrays | 8 microphone sound arrays system |
| Noise Cancellation | Support noise cancellation |
| Voice Pickup range | Up to 10M |

## 12. Product Details Pictures



Super slime design



Arc shape 0 bezel



Two Front Speakers



3-in-1 Button Key

## 13. Floorstanding Rack (OPTIONAL)

**We offer free Wall Mounted Rack as free accessories.**



| | |
|---|---|
| Model | R12 |
| Support Size | 55”,65”,75”,85”,86” |

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