



# Hikvision Interactive Flat Panel D5B (New)

Advance collaboration to a new level

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# 01 Overview



# Interactive Flat Panel: A Better Choice for Efficient Meetings

HIKVISION®



-  All-in-one design: simplify meeting room arrangement.
-  Elegant appearance and outstanding display effect.
-  Easy multi-terminal wireless projection.
-  Free annotation and convenient sharing.
-  Open App capabilities to expand system applications

Hikvision interactive flat panel is an all-in-one device with functions of **wireless projection, smart writing, free annotation, remote meeting, scanning code sharing**, etc. With free App installation capability, it can meet the demands of a variety of business scenarios.



02

# Product Introduction





## ***All-in-one design, value beyond price***

- Simple installation and quick deployment
- Easy operation and convenient maintenance
- Elegant appearance and outstanding display



## ***Wireless projection, easier than ever***

- Wireless projection and bi-directional control
- Multi-terminal simultaneous projection
- Duplicated displays for synchronized projection



## ***Intelligent whiteboard, free idea sharing***

- Pen pickup detection, know what you think
- Multi-person writing and convenient material import
- Code scan sharing for easy meeting result saving



## ***Remote conference, communication without distance***

- Compatible with mainstream remote conference software
- Rich remote conference peripherals available

★★★  
- **12 MP Camera & 6 microphone array:**  
premium meeting experience

★★★  
- **Optical Bonding Screen:** writing  
without sense of extra space.

★  
- **Linear Pen Slot:** holding the pen  
magnetically when finish using.

- **Highlight Ink Screen Logo:** delicate  
texture, business style.

- **Matte Powder Coating:** matching  
the color of the whole device.



★★★  
- **Elegant Appearance:** 150 mesh ultra-  
fine sandblasting frame, comparable  
to the texture of a laptop.

★★  
- **High Color Gamut:**  $\geq 90\%$  color  
gamut outstanding display.

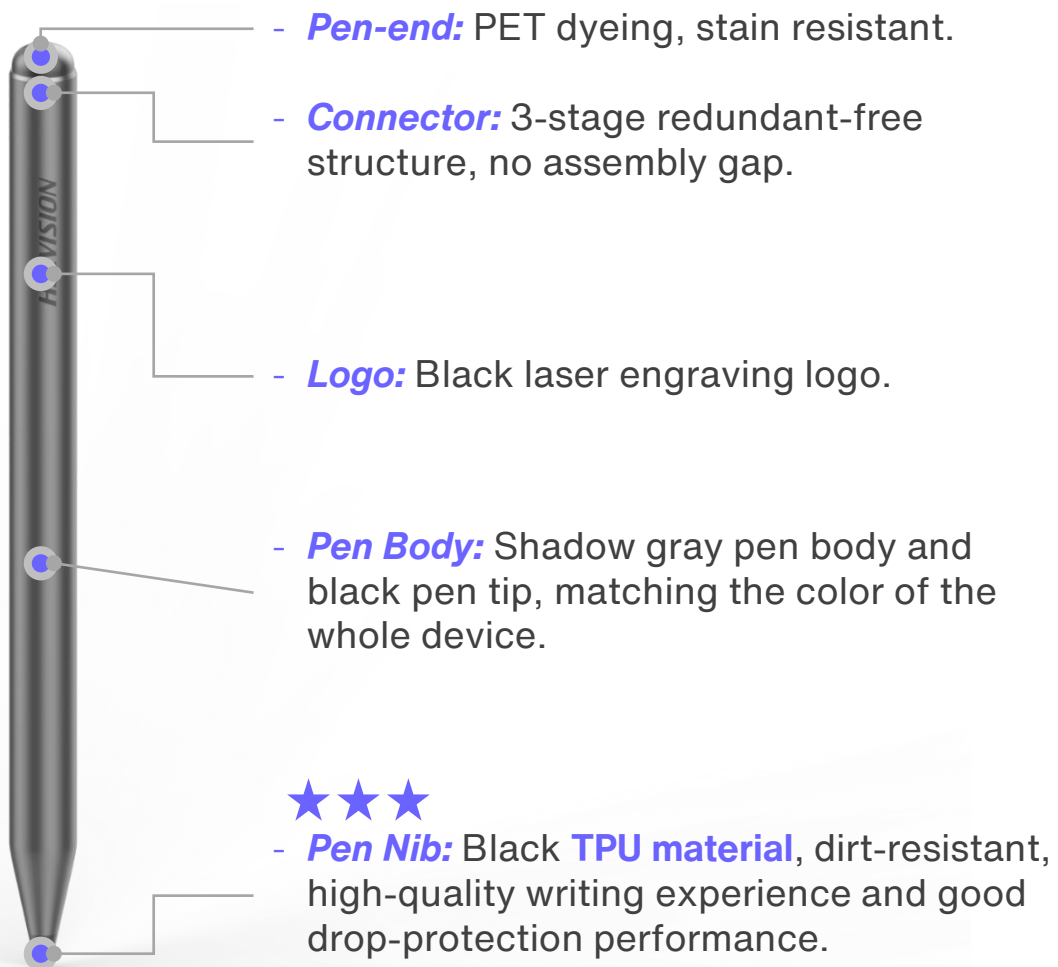
- **Newly Designed Pen:** TPU nib material  
for fluent writing and fall-protection.  
- **Pick-up Detection:** Show prompts when  
the pen is picked up.  
- **USB & Type-C Ports**

★★  
- **Bracket Upgrade:** beautiful and elegant,  
easy to install and cost-effective.

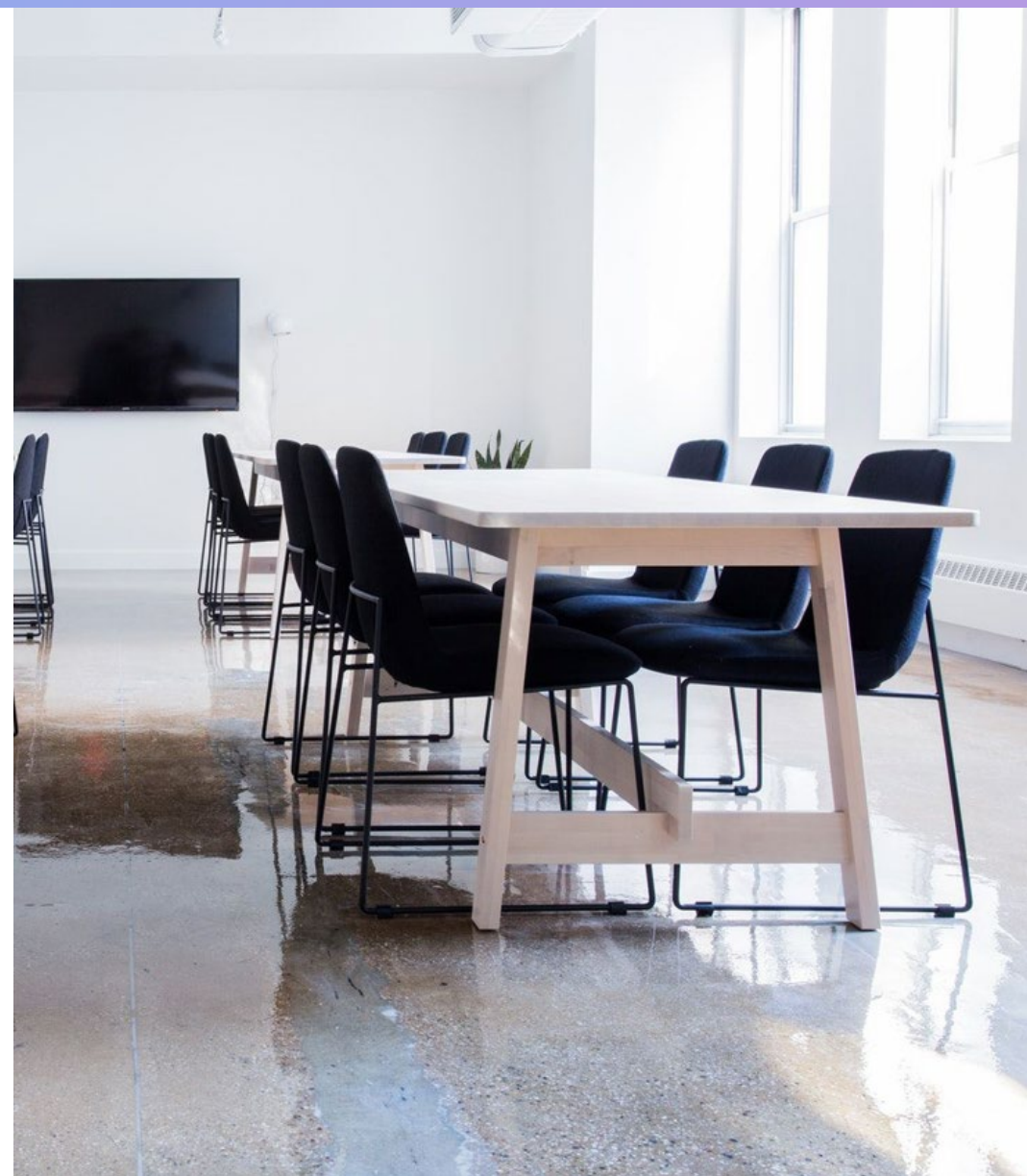


# Advanced Industrial Design-Writing Pen

HIKVISION®

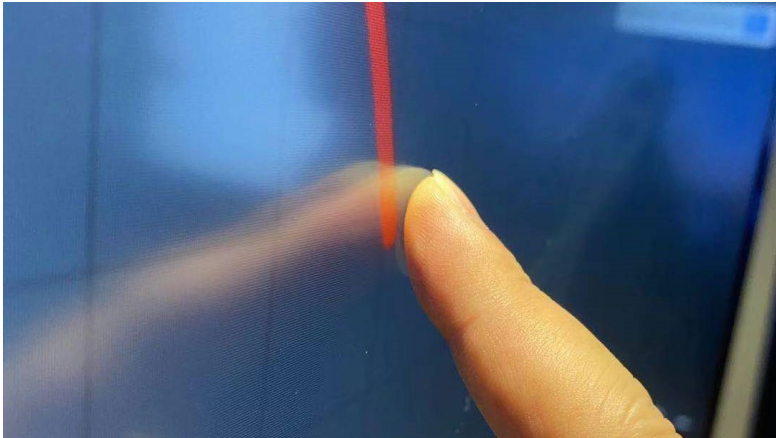


Two pens are included within the interactive flat panel's package.



## Frame Bonding

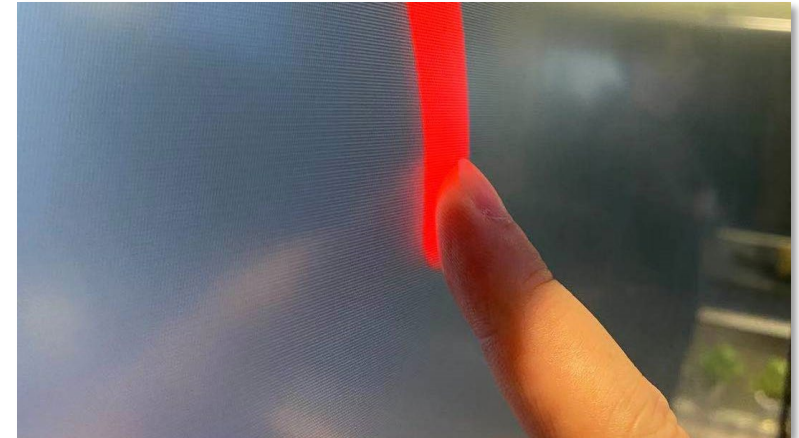
Glass   
Display Layer   
There is a big gap between the two layers.



VS

## Optical Bonding

Glass   
Display Layer   
The two layers are bonded together closely.



### Advantages of Optical Bonding

- Reduce diffuse reflection and eliminate screen ghosting.
- Fluent writing without a sense of extra space.

## Linear Pen Slot

- Curved design to meet human habits while perfectly fitting with the pen, creating a stylish shape with ingenuity.

## Slim Design

- The thinnest part of the whole device is reduced from the originally 27.8mm to now only **22.8mm**, giving more elegant visual perception.

## Integrated Antenna

- Integrated antenna design, wire-free, making it safer and more beautiful.

## Selected Material

- High-quality anodizing process, 150 mesh ultra-fine sandblasting frame, with ultra-high heat resistance and wear resistance, bringing more delicate surface appearance.



## 4K 4K Resolution

- 10-bit color depth, in-depth restoration of image details.

## Anti-glare Glass

- Professional anti-glare treatment, clearer display, anti-fouling, non-slip, explosion-proof, and anti-fingerprint.

## Eye Protection

- Filter >90% ultrashort wave blue light to protect human eyes.
- Auto brightness adjustment according to the environment.

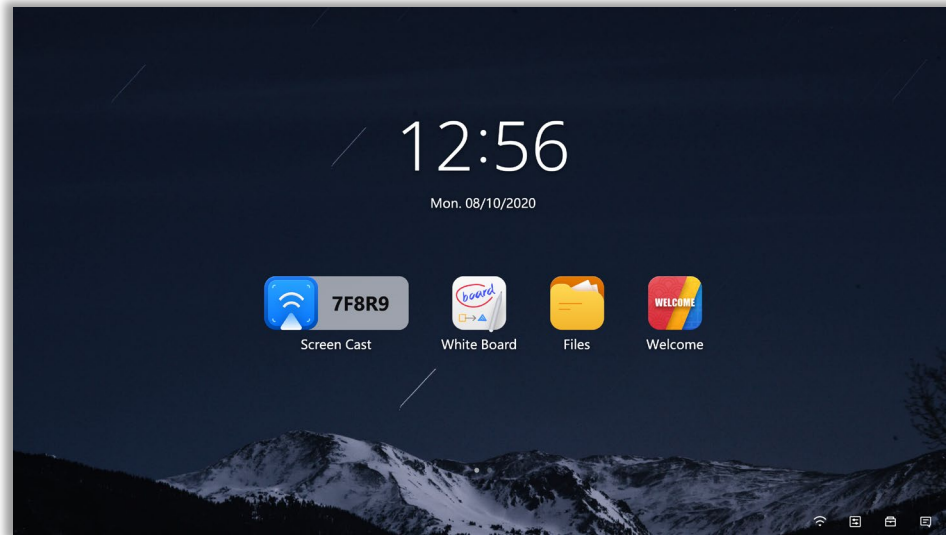
## World-class Panel

- Using the world-class original panel, DLED backlight, the display is more delicate and the brightness is more uniform.



## Concise Homepage

- Show time, **projection code** and core applications on the homepage.



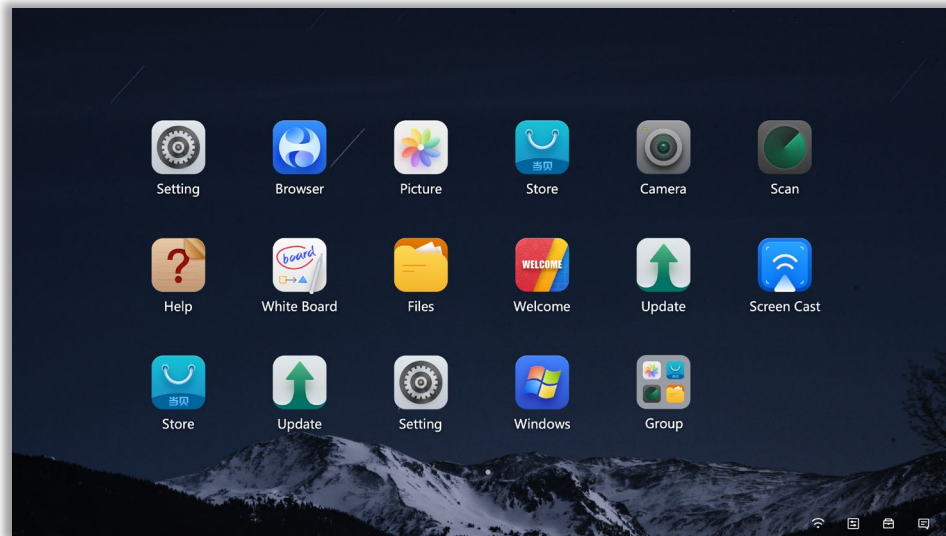
## Efficient Content Display

- Show widgets on the negative screen.
- Multi-screen sliding to show more Apps.



## Avant-garde Stylish UI in 4K

- Lightly materialized icons to ensure recognition and fashion at the same time.
- Tailored UI in **4K** resolution.



## Simple Console Bar

- Auto-adjust the content of the console bar according to different applications.



Install **WonderCast software** for easy projection:

- Visit [Download WonderCast \(hikvision.com\)](http://hikvision.com) to download.

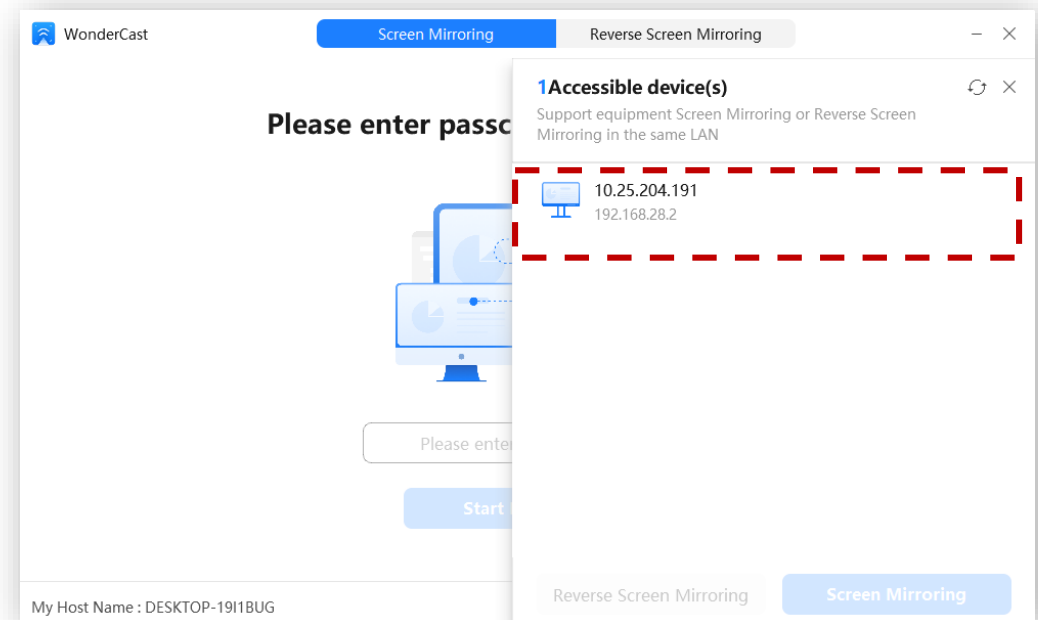
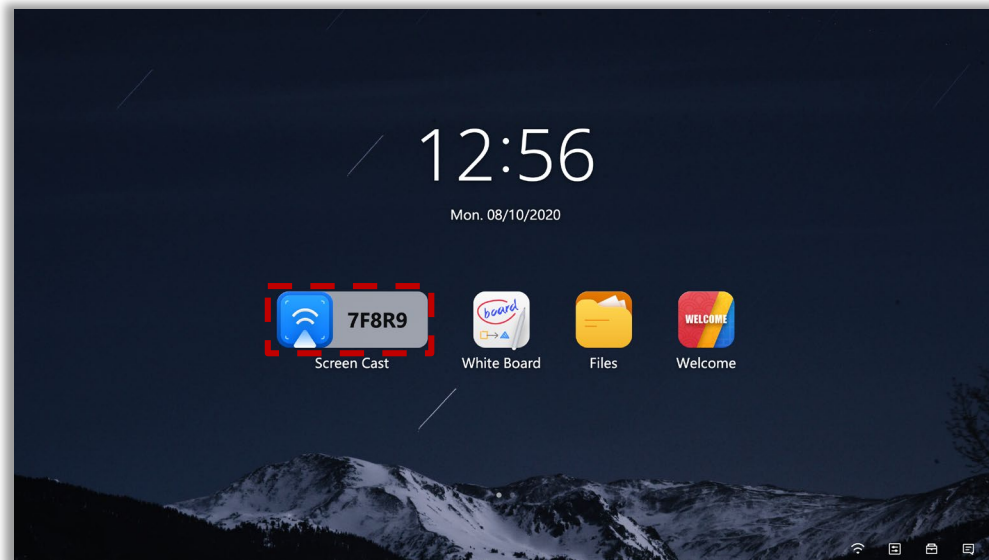
- Available for Android, IOS, MacOS and Windows.

## 1 Code Projection

- Projection code will be shown on the interactive flat panel's homepage.
- Input the projection code in the WonderCast software to start projection.

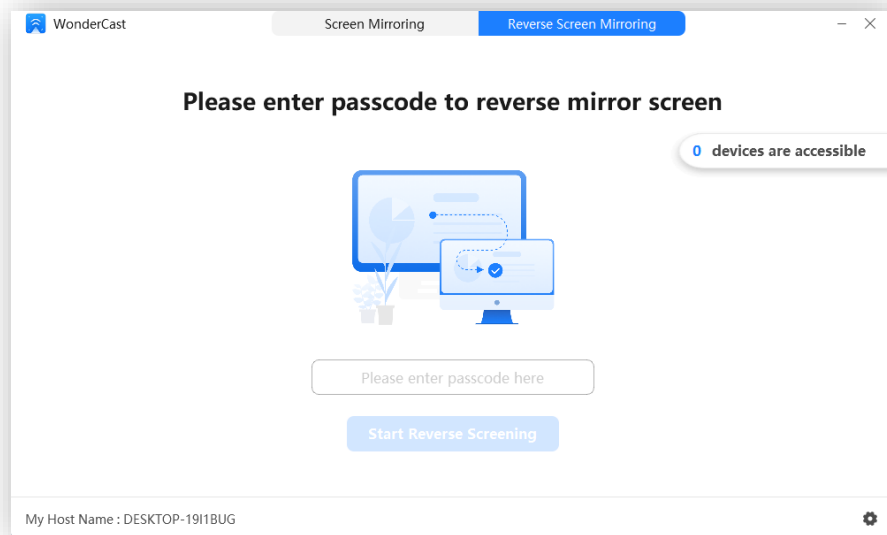
## 2 Select Device Projection

- All the interactive flat panels in the same network with the projection source will be listed on the WonderCast software.
- Select one device to start projection.

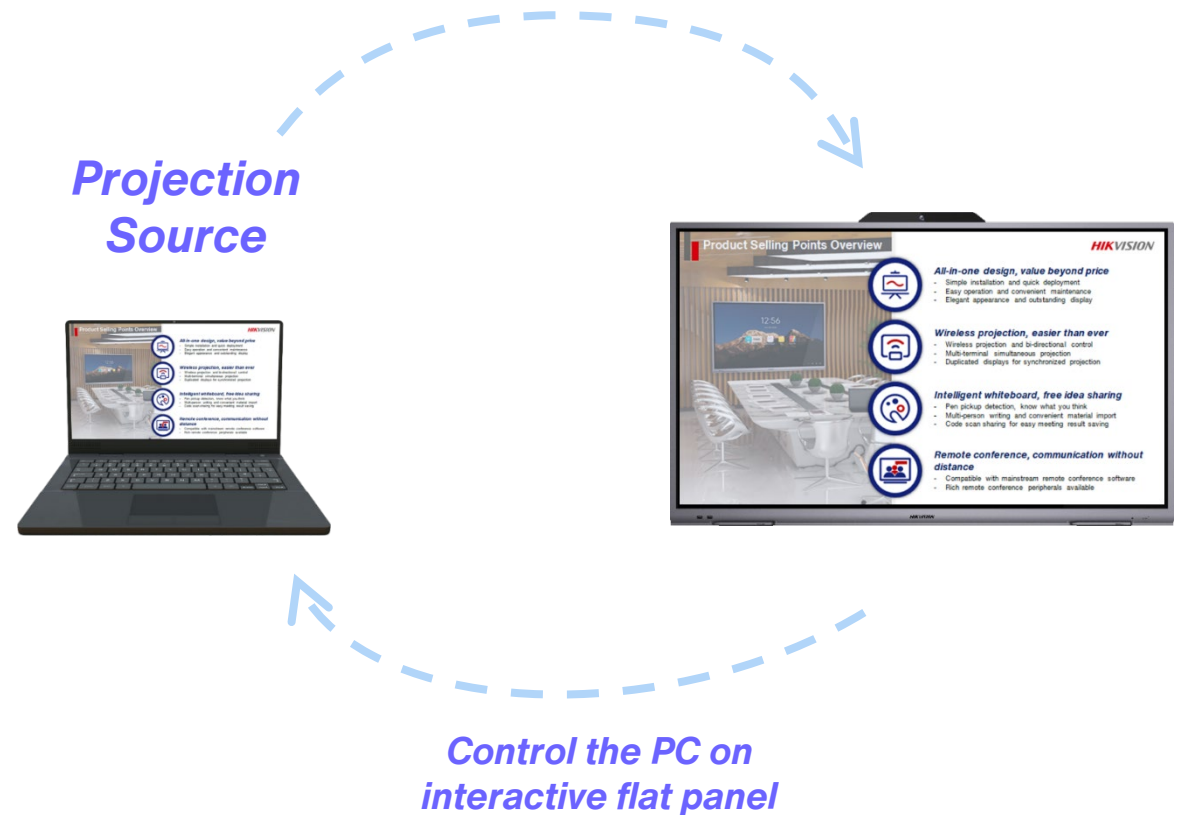


## 3 Reverse Screen Mirroring

- Select “Reverse Screen Mirroring” and enter the projection code start reverse projection.
- The interactive flat panel’s view will be projected to the computer.
- User can control the interactive flat panel on the computer, like writing and drawing on the whiteboard by mouse.



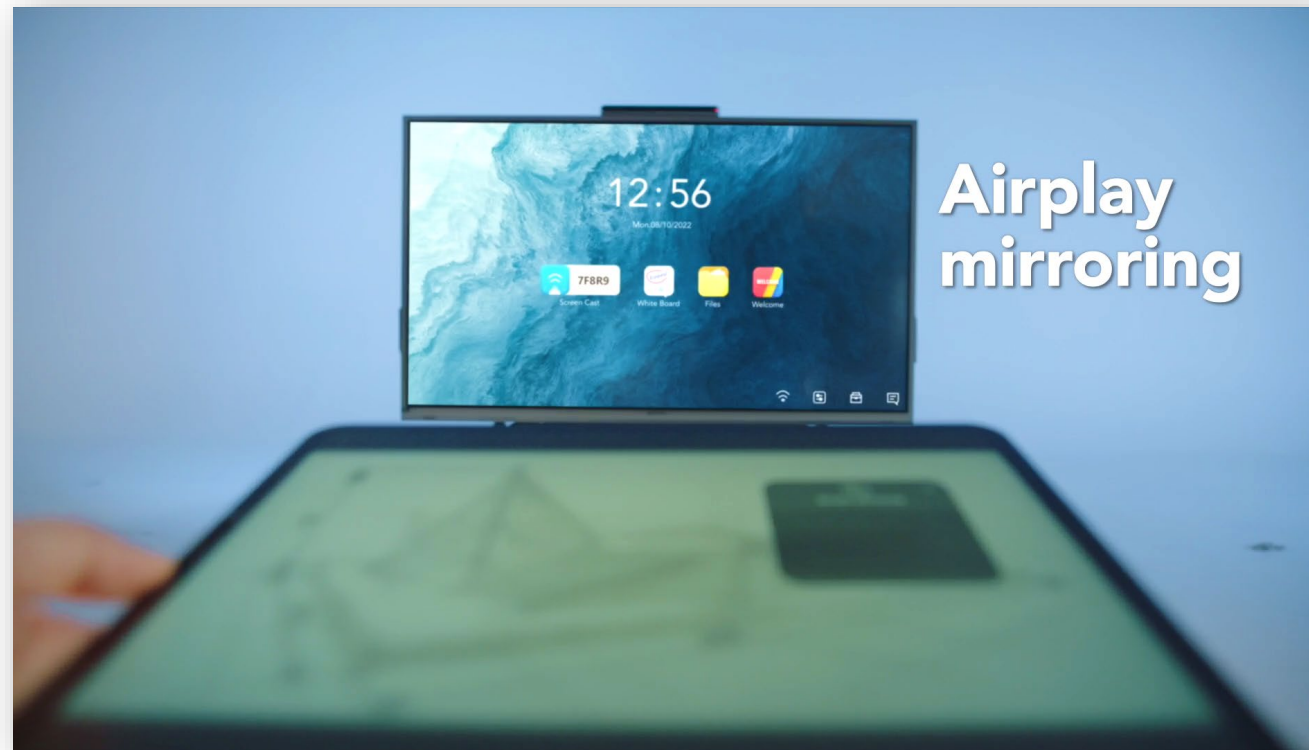
During projection, user can reverse control the PC on the interactive flat panel..



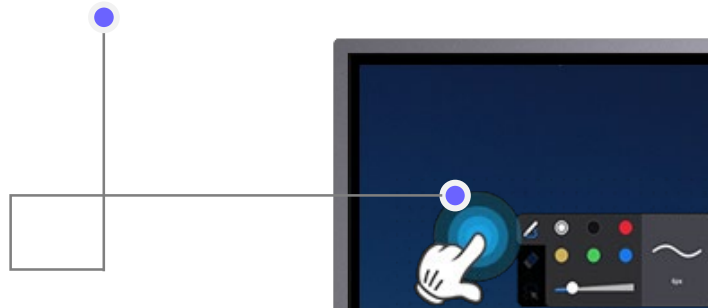


## 4 AirPlay Mirroring

- IOS devices under the same network with the interactive flat panel support AirPlay projection in the drop-down menu, just one click to project the content.



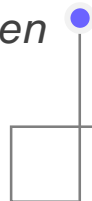
Long press anywhere on the whiteboard interface to call a **quick operation panel**



The whiteboard/annotation function icon will **automatically pop up** when the pen is picked up



**Magnetic point** to hold the pen



# Support 20 languages





## Multi-terminal Projection

- Support Wi-Fi projection via **mobile phone, Pad, PC and Mac.**
- The interactive flat panel can work as a Wi-Fi AP for quick Wi-Fi projection.



## Reverse-control

- Support controlling PC and MAC on the interactive flat panel while projecting.



## App Split Screen Projection

- Support simultaneous display of the screen projection interface and other APP interfaces.



## Simultaneous Projection

- Support up to **4 terminals** projection simultaneously via window splicing.





## Free Annotation

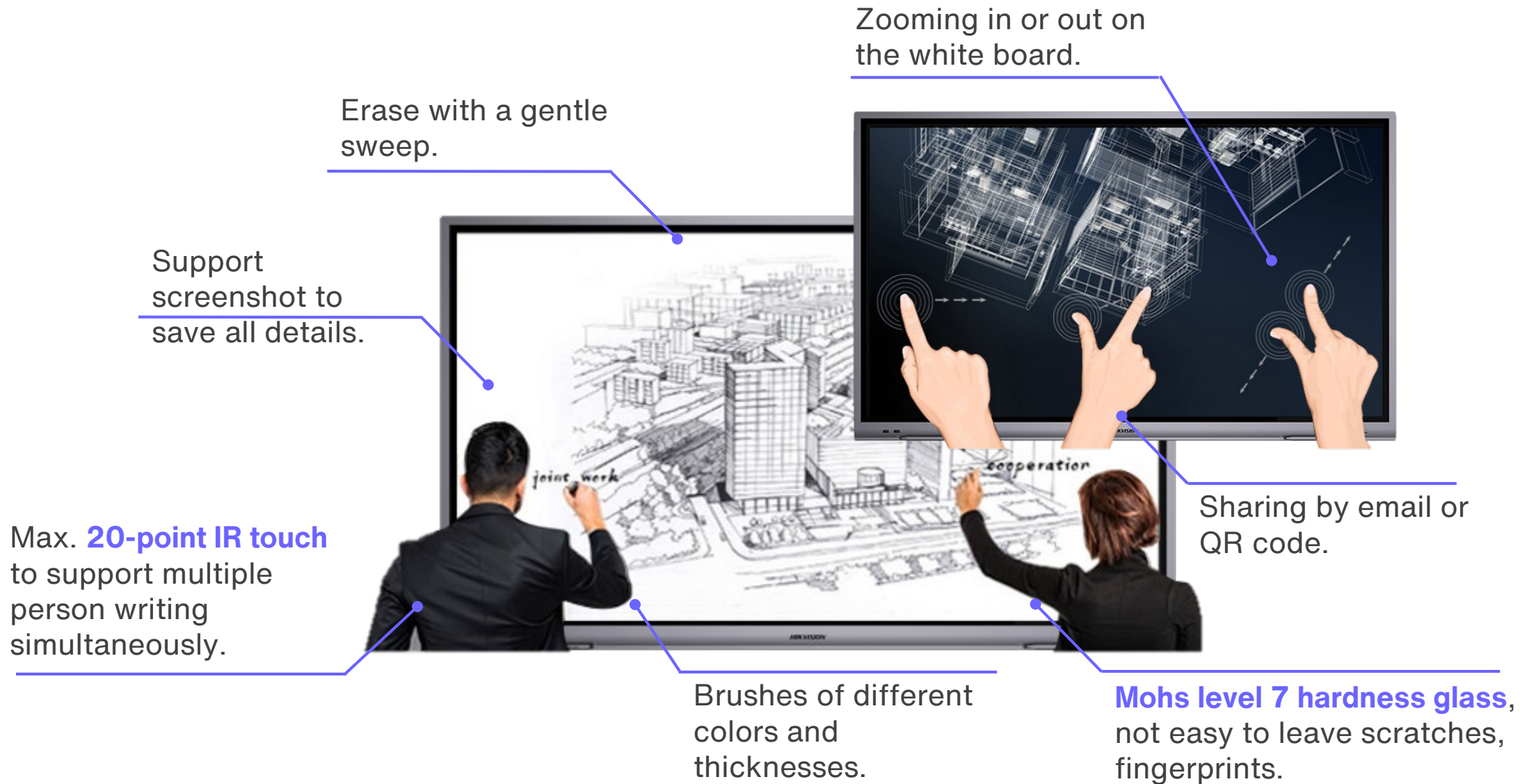
- At **any interface**, user can quickly start annotating by a single click.
- The annotation supports color adjustment, thickness adjustment and stroke optimization.
- **1 mm** writing accuracy.



## Scan Code Sharing

- The annotated content supports local saving and scanning code sharing.





## 2 Screen Split

- Split screen display of different applications.



## Quick Switch

- Quickly switch Apps anywhere.





## Dual-system Design

- Built-in **Android 11.0** by default, and OPS optional for Windows OS.



## OS Quick Switch

- **One click switch** between duals OS.
- Mainstream competing products only support single OS, and cannot support free switching between dual systems






## OTA




- Support OTA (Over the Air) on Android for easy App upgrade.



**OPS**



Model	DS-D5B65RB/C	DS-D5B75RB/C	DS-D5B86RB/C
Image			
Diagonal Size	65"	75"	86"
Backlight	DLED		
Resolution	3,840 × 2,160 @60 Hz		
Color	10 bit		
Visual Angle	Horizontal 178°, vertical 178°		
Response Time	6 ms		
Contrast Ratio	1,200:1		
Brightness	350 nits		
Built-in Camera	No		
Built-in Microphone	No		

Model	DS-D5B65RB/D	DS-D5B75RB/D	DS-D5B86RB/D
Image			
Diagonal Size	65"	75"	86"
Backlight	DLED		
Resolution	3,840 × 2,160 @60 Hz		
Color	10 bit		
Visual Angle	Horizontal 178°, vertical 178°		
Response Time	6 ms		
Contrast Ratio	1,200:1		
Brightness	350 nits		
Built-in Camera	12MP Built-in Camera		
Built-in Microphone	6-array Microphone		



## DS-D5BxxRB/C

(Without built-in camera and microphone)



## DS-D5BxxRB/D



### Built-in 12MP Camera

- **Resolution:** 4K
- **Function:** Smart switch between Android and OPS
- **FoV:** 100 °(diagonal), 90°(horizontal), 66°(vertical)
- **Distortion:** ≤1%



### Built-in 6-array Microphone

- **Specification:** Omni-directional 6-array layout
- **Function:** Echo reduction and smart noise-cancellation
- **Sound-pickup Distance:** 8m
- **Sampling Rate:** 32K
- **Mic Sampling Rate:** 16bit

## USB Camera

### DS-UC4



- 4MP CMOS, 2560 x 1440
- Low-distortion lens
- USB Type-C interface, USB 2.0 protocol
- Plug-and-play, no need driver software
- Support auto focus

## Bracket

### DS-D5ABKY2-B



- Suitable for 86" model
- Silver gray, SPCC high quality steel plate
- Sheet metal spraying

### DS-D5ABKY2-S

- Suitable for 55/65/75" model
- Silver gray, SPCC high quality steel plate
- Sheet metal spraying



- **Note:** wall-mounted bracket is included in the interactive flat panel's package list by default.

## OPS



### DS-D5AS5/8S1L

- 6<sup>th</sup>-generation **Intel® Core i5 7400 3.0 GHz**
- **Memory 8GB, SSD 128GB**
- Intel Integrated Graphics, support H.265 and 4K resolution
- Interfaces: 6 x USB 3.0, 1 x HDMI, 1 x DP
- Support MSATA system disk quick start
- Standard Intel OPS interface
- **Without Windows OS**



### DS-D5AS5/8S2L

- 8<sup>th</sup>-generation **Intel® Core i5 9400 3.0 GHz**
- **Memory 8 GB, SSD 256 GB**
- Intel Integrated Graphics 500, support H.265 and 4K resolution
- Interfaces: 4 x USB 3.0, 2 x USB2.0, 1 x HDMI, 1 x DP
- Support MSATA system disk quick start
- **Built-in Win 10 OS**

## Omnidirectional Microphone

### DS-65VA300L



- 360° mic coverage
- 256 ms acoustic echo cancellation
- Dynamic Noise Reduction (DNR)



### DS-D5AOW

- Built-in 6 microphone arrays
- 5 meters 360° mics coverage
- Support Bluetooth, USB and AUX
- Support AEC (Automatic Echo Cancellation), AGC (Automatic Gain Control), ANC (Automatic Noise Cancellation) and VAD (Voice Activity Detection)

03

# Application Scenarios



# Small & Medium-Sized Meeting Rooms – for On-Site Meetings



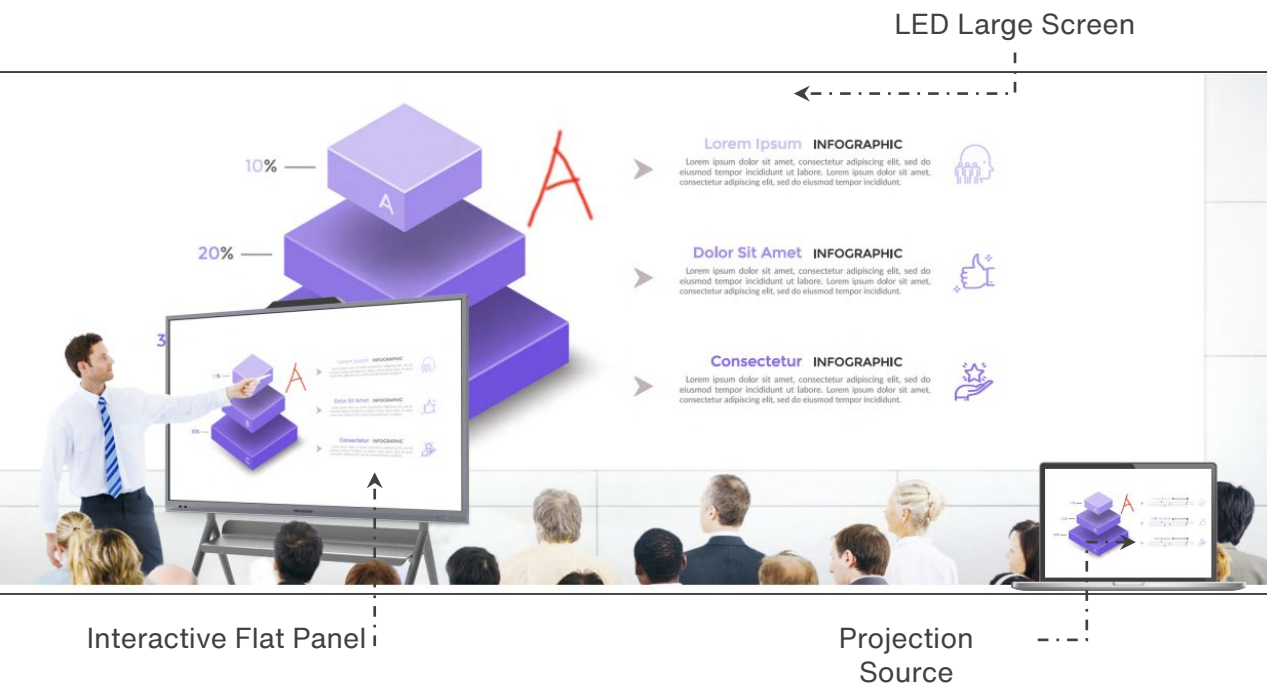
20 m<sup>2</sup>  
10 to 20 people



30 m<sup>2</sup>  
20 to 30 people

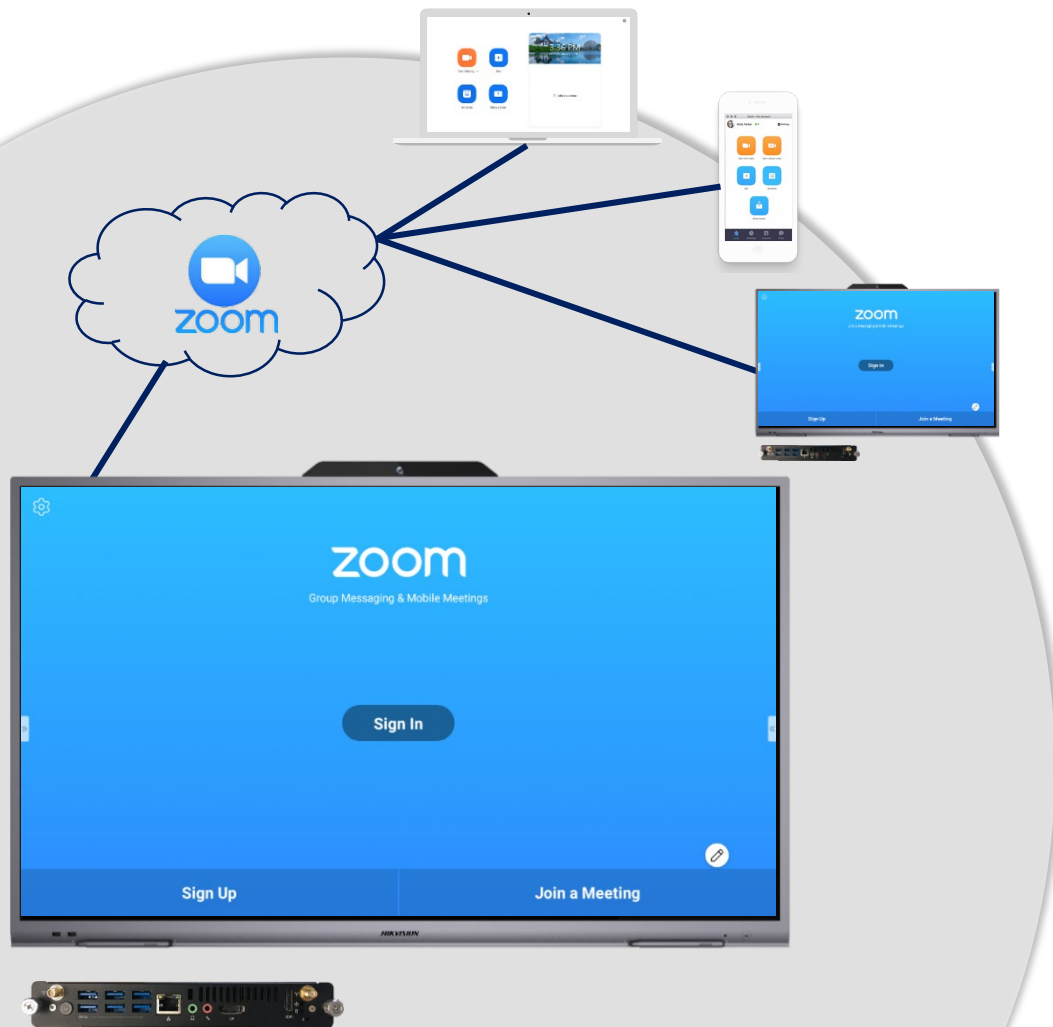
40 m<sup>2</sup>  
30 to 50 people

# Large Meeting Room- for LED Large-Screen Projection



- 1) PC or Mobile can project its content to interactive flat panel via Wi-Fi, by connecting the interactive flat panel's **HDMI output port** and LED sending card's HDMI input port to finally project the content to the LED large screen;
- 2) When annotate on the interactive flat panel, **the annotation can be synchronized to the LED large screen.**





- OPS is essential for remote video conference solution.
- Any remote meeting software is OK, not limited to Zoom.

## USB Camera



### DS-UC4

4MP CMOS, 2560 x 1440, USB Type-C interface, USB 2.0 protocol, support auto focus

## Omnidirectional Microphone



### DS-65VA300L

360-degree mic coverage



### DS-D5AOW

360-degree mic coverage, 6 microphone array, 5 meters pickup radius

## OPS



### DS-D5AS5/8S1L

Intel i5, Intel HD Graphics 4600, 8GB RAM, 128GB SSD, **without windows OS**



### DS-D5AS5/8S2L

Intel i5-8400, Intel® HD Graphics , 8GB RAM, 256GB SSD, **default built-in Win 10 OS**

- OPS is **essential** for remote conference application.
- Insert OPS into the slot on rear side.







# THANKS

Clear Video, Always Delivered