

# Hikvision Interactive Display Introduction

International Product and Solution Center

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# Part. 01

# Overview



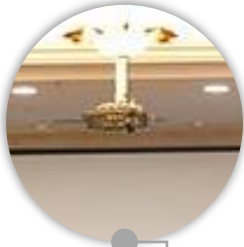
# Interactive Display: A Better Choice for Efficient Meetings

## Hikvision Interactive Display

Loudspeaker



Projector



Curtain



Tradition Meeting Room



PPT Pen, Eraser, Oily Pen



Whiteboard



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 intelligent interactive display 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.



# Part. 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



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



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



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



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

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

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

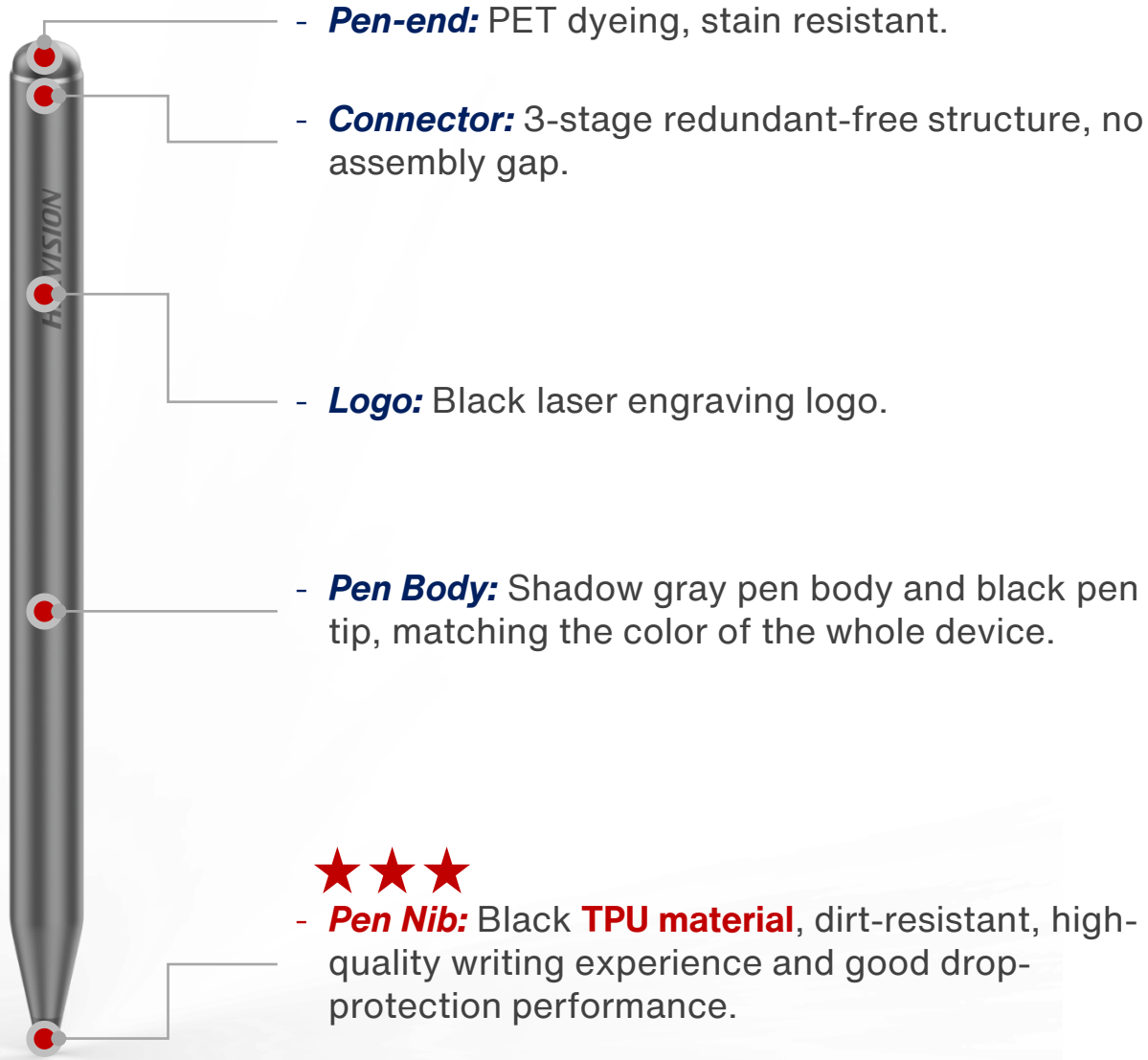
- **Matte Powder Coating:** matching the color of the whole device.



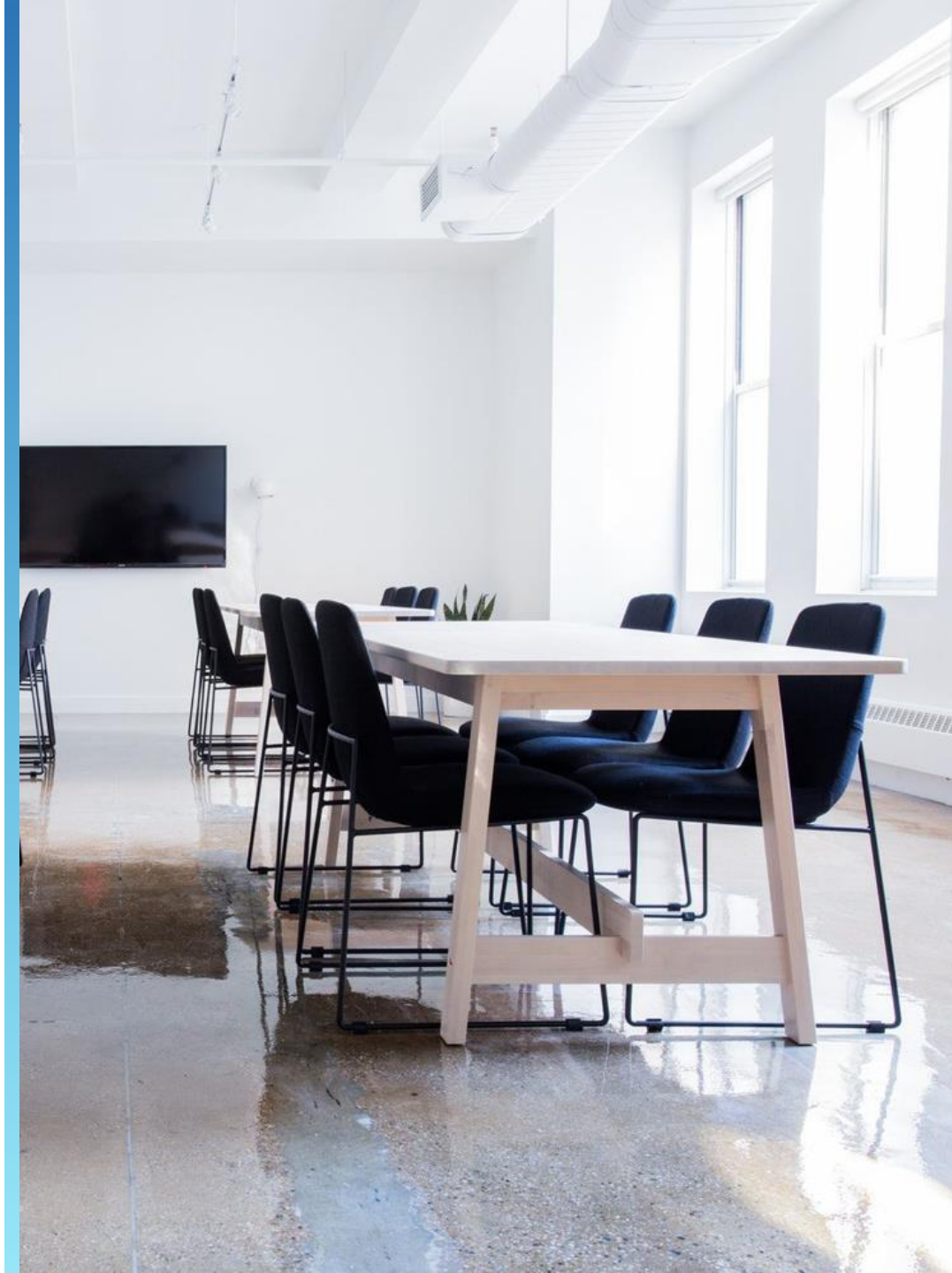
- **Bracket Upgrade:** beautiful and elegant, easy to install and cost-effective.



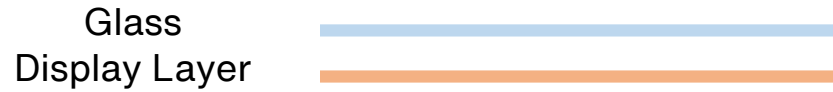
# Advanced Industrial Design- Writing Pen



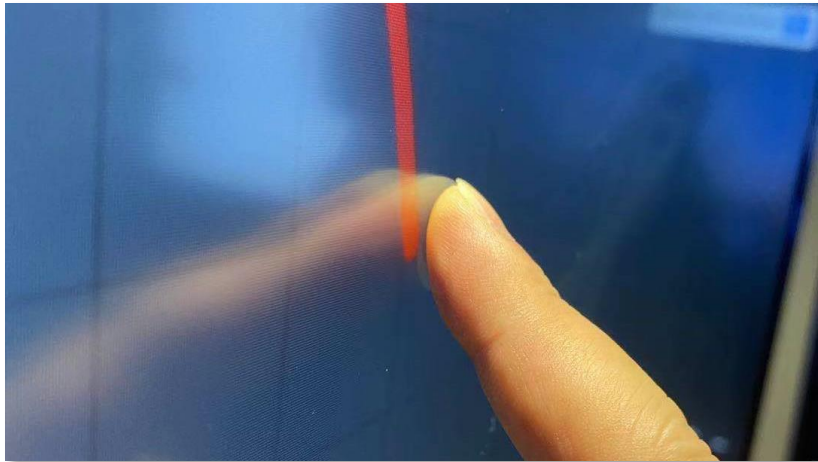
**Two pens** are included within the interactive display's package.



## Frame Bonding



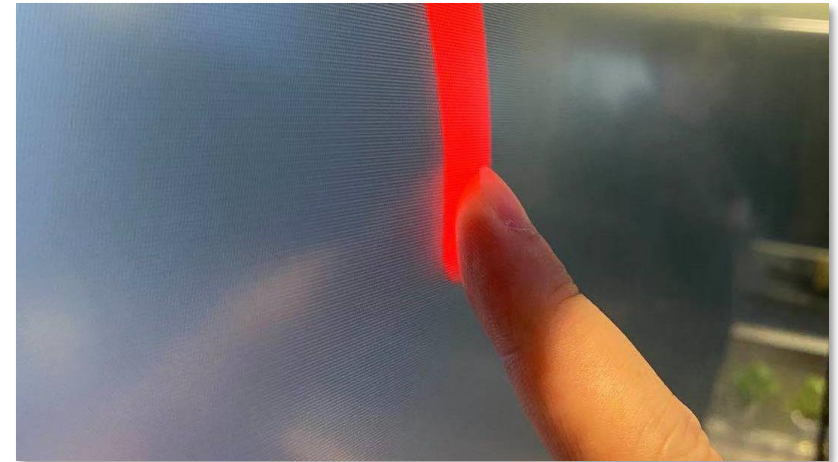
There is a big gap between the two layers.



## Optical Bonding



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

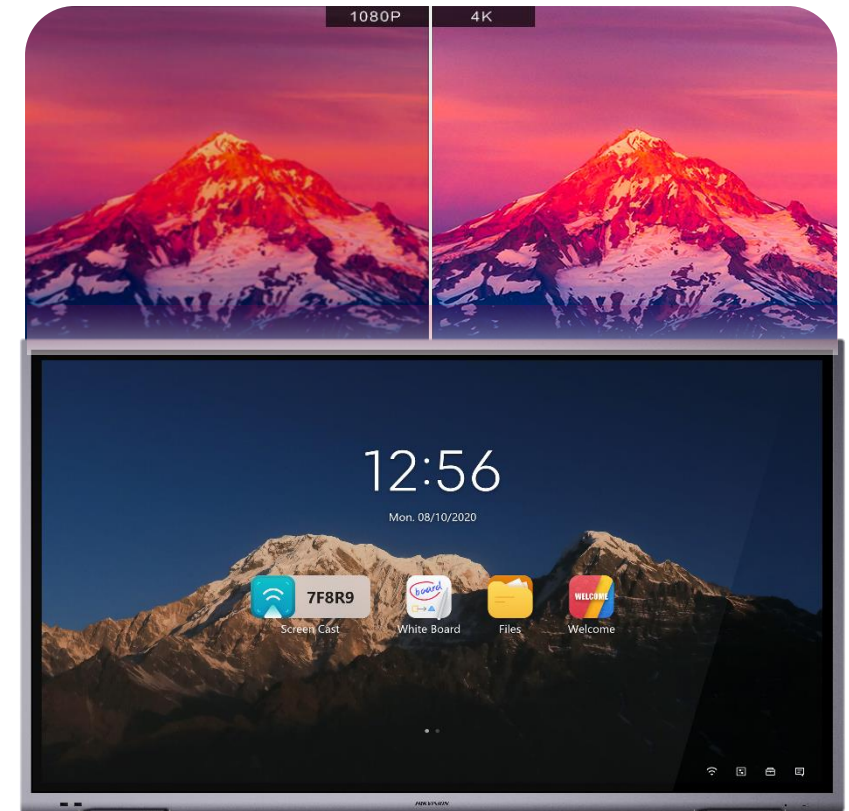
- Professional anti-glare treatment, clearer display, anti-fouling, non-slip, explosion-proof, and anti-fingerprint.

## 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.



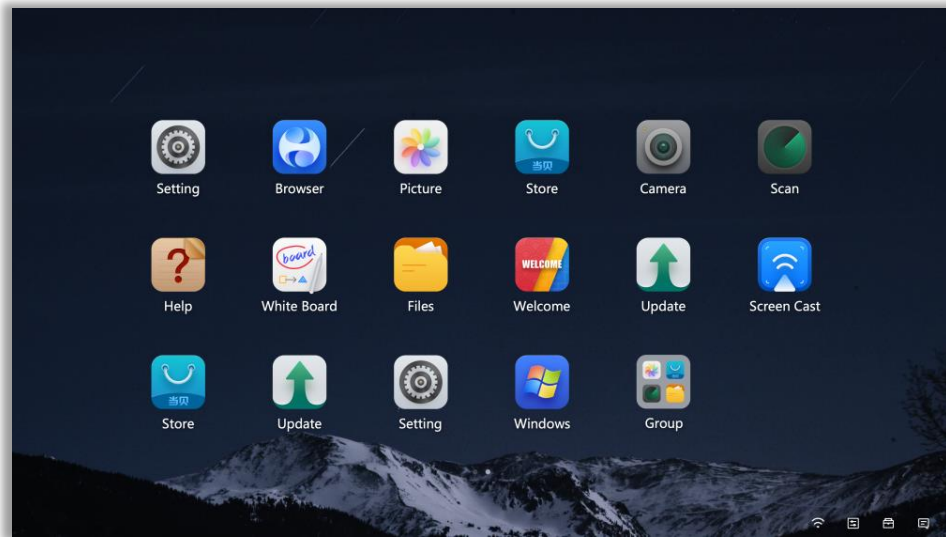
## Efficient Content Display

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



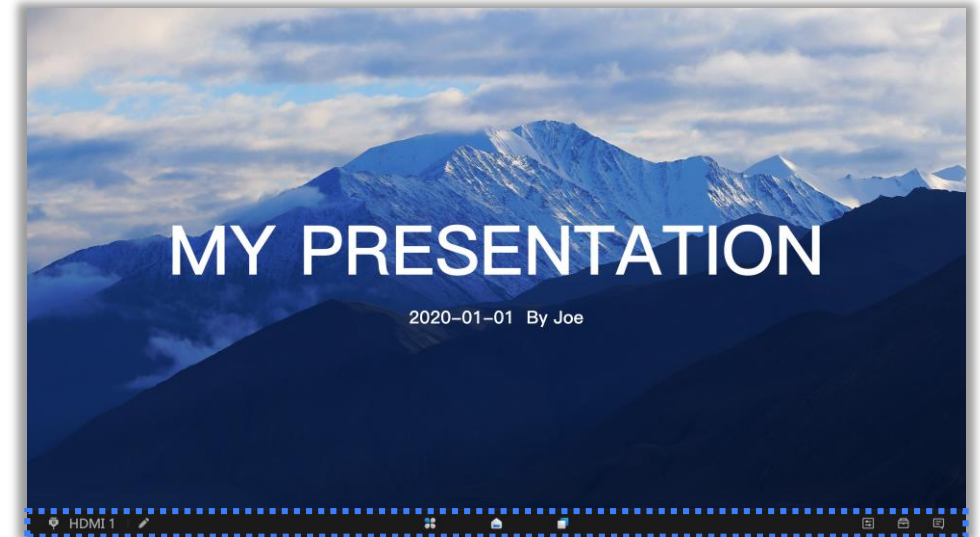
## Avant-garde Visual Style

- Lightly materialized icons to ensure recognition and fashion at the same time.



## Simple Console Bar

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



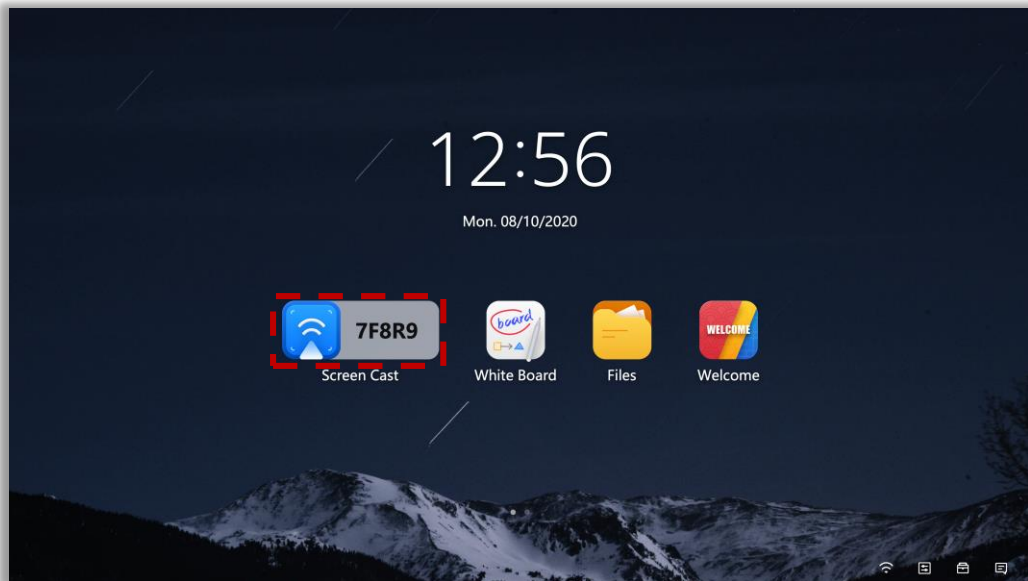
# UI2.0- Easy Projection

Install **Hik-share software** for easy projection:

- Visit [www.hikshare.com](http://www.hikshare.com) to download.
- Available for Android, IOS, MacOS and Windows.

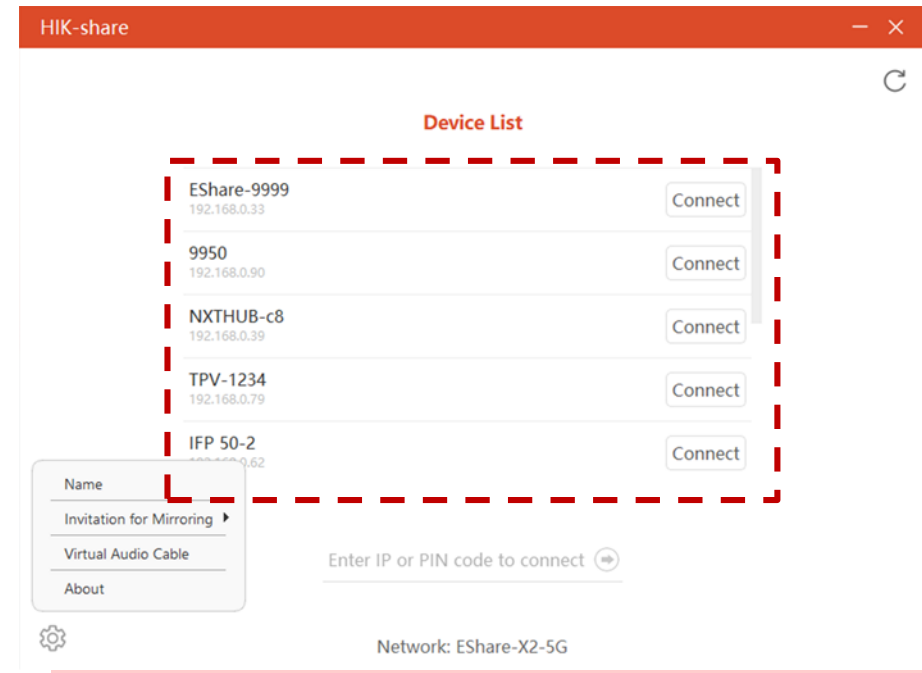
## 1 Code Projection

- Projection code will be shown on the interactive display's homepage.
- Input the projection code in the Hik-share software to start projection.

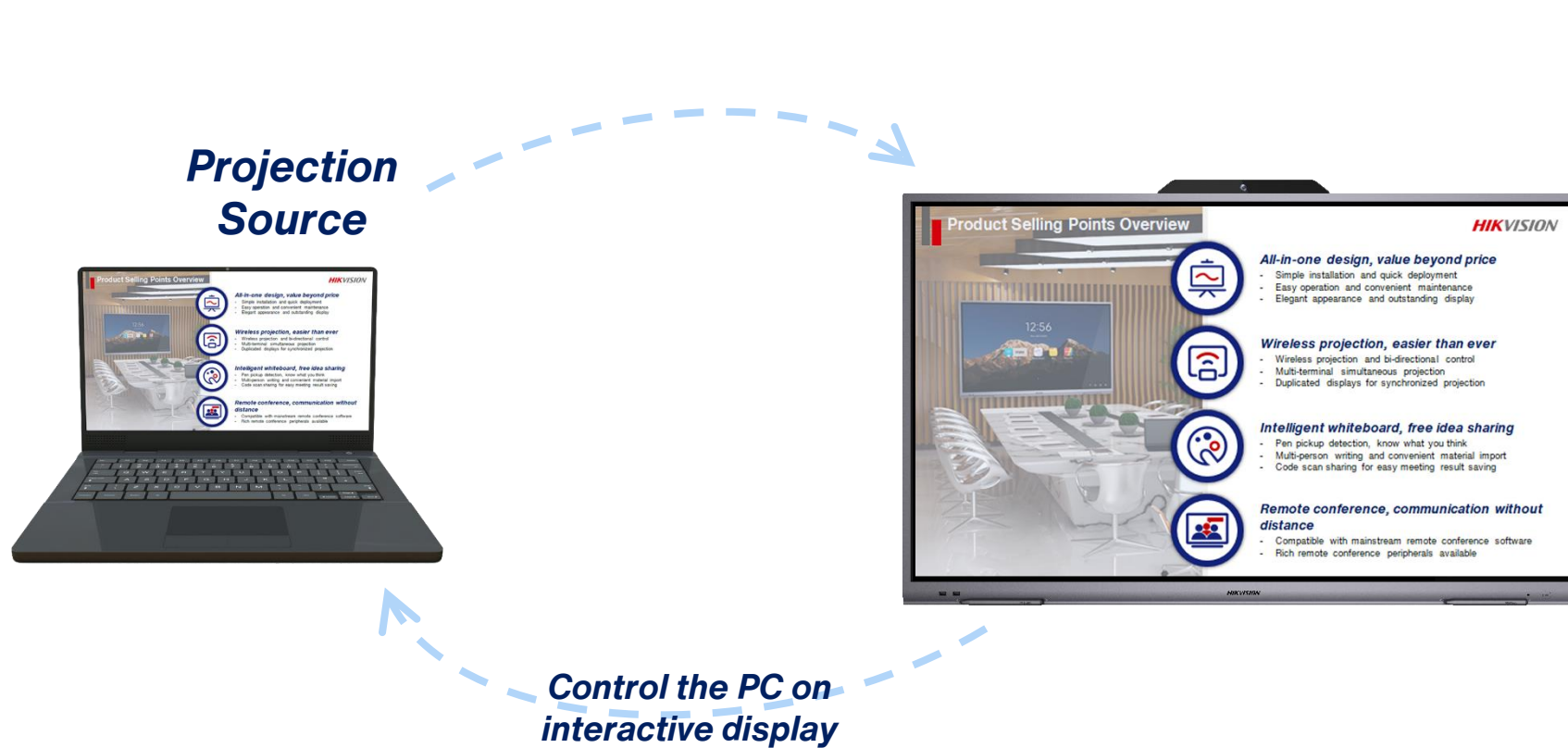


## 2 Select Device Projection

- All the interactive displays in the same network with the projection source will be listed on the Hik-share software.
- Select one device to start projection.



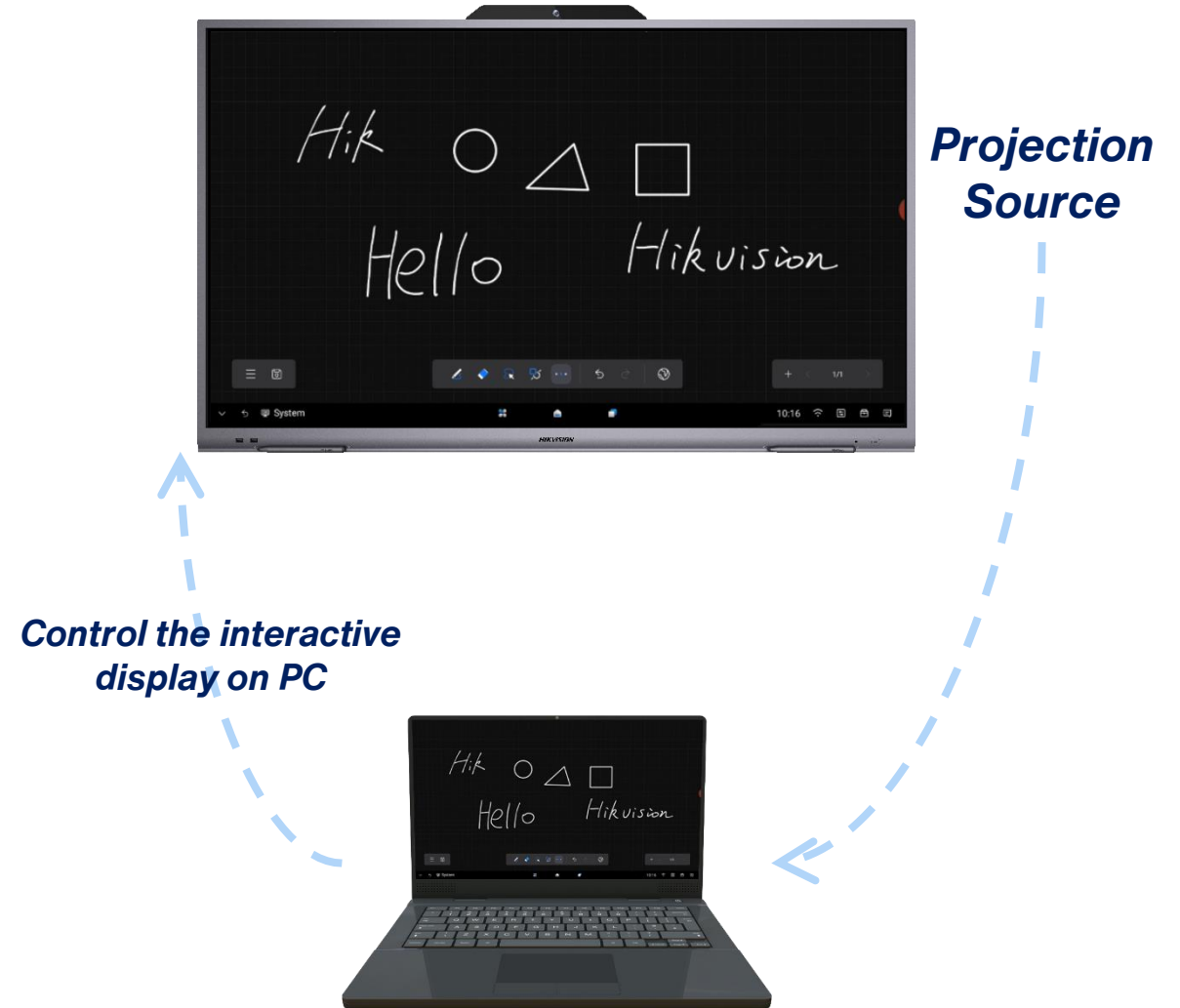
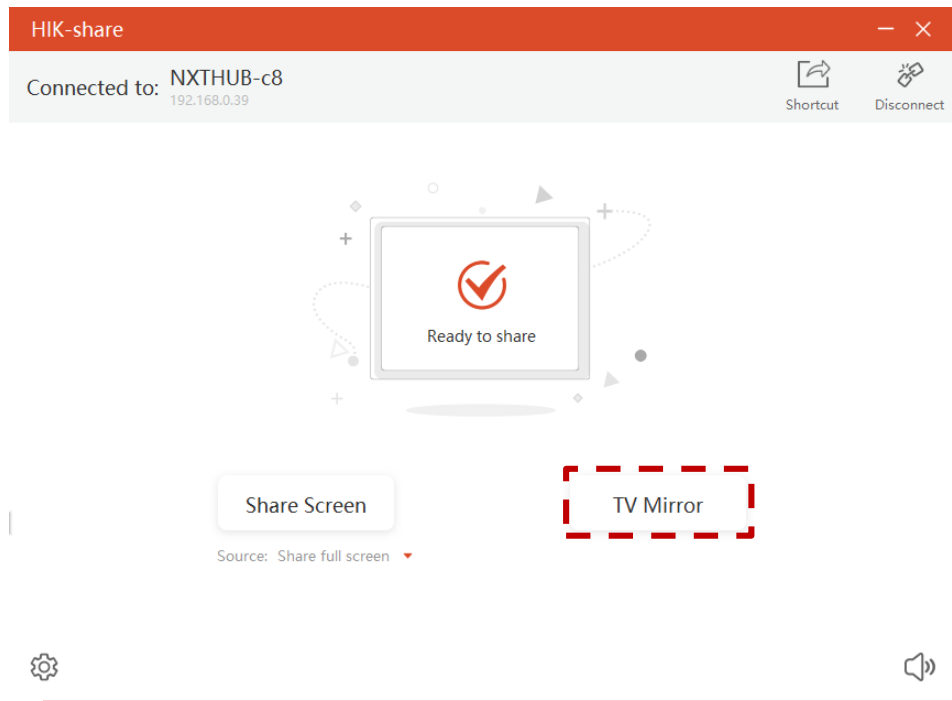
During projection, user can control the PC on the interactive display.





## 3 Reverse Projection

- Select “TV Mirror” at Hik-share software to start reverse projection.
- The interactive display’s view will be projected to the computer.
- User can control the interactive display on the computer, like writing and drawing on the whiteboard by mouse.



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

русский

Tiếng Việt

Türk

Français

عربي

Português

日本語

Español

Magyar

Slovák

English

Bahasa Indonesia

Čeština

Deutsche

Dansk

Română

Polskie

Italiano

Nederlands

தமிழ்





## Multi-terminal Projection

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



## Reverse-control

- Support controlling PC and MAC on the interactive display 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.



Zooming in or out on the white board.

Erase with a gentle sweep.

Support screenshot to save all details.



Sharing by email or QR code.

Max. **20-point IR touch** to support multiple person writing simultaneously.



Brushes of different colors and thicknesses.

**Mohs level 7 hardness glass**, not easy to leave scratches, fingerprints.

## 2 Screen Split

- Split screen display of different applications.



## Quick Switch

- Quickly switch Apps anywhere.





## Dual-system Design

- Built-in **Android 8.0** 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.





**Duplicate** Projection  
Interactive Display 1

**Main** Projection  
Interactive Display

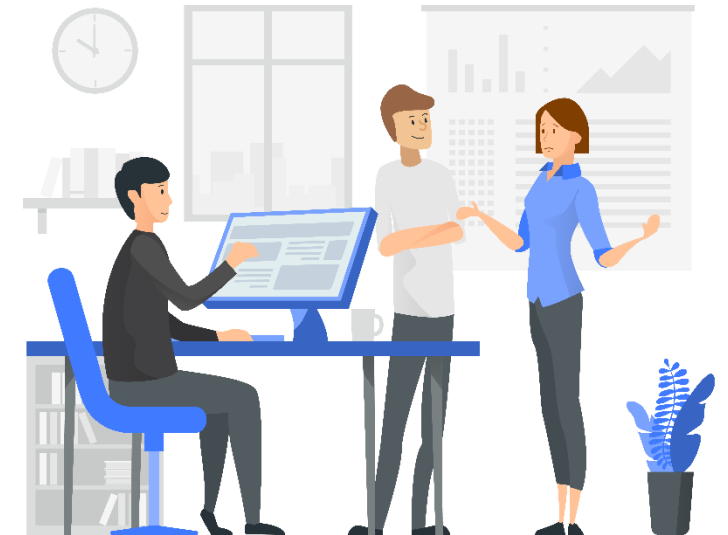


**Projection Source**





**Duplicate** Projection  
Interactive Display 2





## Duplicate Displays

For big size area application, the interactive display can duplicate its screen to another up to **2** interactive displays, so that all the people can see the projection content more closely and clearly.



# Product Showcase

Model	DS-D5B55RB/A	DS-D5B65RB/A	DS-D5B75RB/A	DS-D5B86RB/A
Image				
Diagonal Size	55"	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	4,500:1			1,200:1
Brightness	350 nits			
Built-in Camera	No			
Built-in Microphone	No			

Model	DS-D5B55RB/B	DS-D5B65RB/B	DS-D5B75RB/B	DS-D5B86RB/B
Image				
Diagonal Size	55"	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	4,500:1			1,200:1
Brightness	350 nits			
Built-in Camera	8MP Built-in Camera			
Built-in Microphone	6-array Microphone			

# Difference Between RB/A & RB/B Series



## DS-D5BxxRB/A

(Without built-in camera and microphone)



## DS-D5BxxRB/B



### Built-in 8MP 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 display'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° mic coverage
- Support Bluetooth, USB and AUX
- Support AEC (Automatic Echo Cancellation), AGC (Automatic Gain Control), ANC (Automatic Noise Cancellation) and VAD (Voice Activity Detection)

# Part. 04

## Application Scenarios





Fashionable and  
Elegant Appearance



Outstanding  
Display Effect



Easy Wireless  
Projection



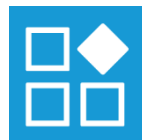
Flexible  
Annotation



Convenient  
Content Sharing



Multi-person  
Whiteboard



Free App  
Installation



Friendly and  
Efficient UI



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

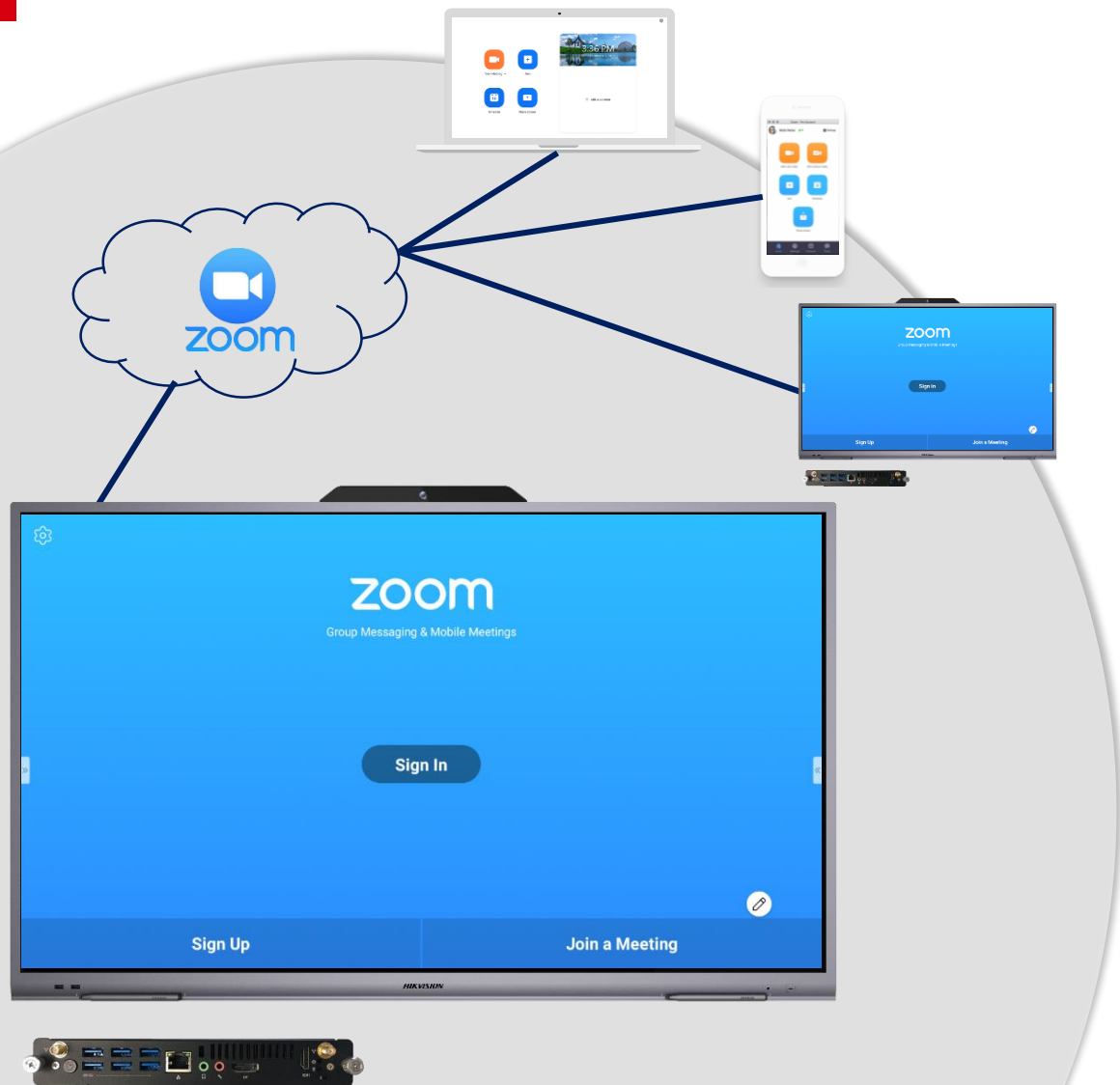
20 m<sup>2</sup>  
10 to 20 people

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

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



# Remote Video Conference



- 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**



# — Thanks —

Hikvision Digital Technology Co., Ltd.

International Product and Solution Center