Building a Fully Connected, Intelligent World

HUAWEI IdeaHub

New Style Smart Office

CMYK-SRGB

Projection Code
CMYK-SRGB
Use IdeaShare Client for Projection | Projection Network: Wlanaccess2.0

投屏码
CMYK-SRGB
使用IdeaShare客户端投屏 | 投屏网络: Wlanaccess2.0

Projection code
CMYK-SRGB
Use Huawei Cloud Meeting Client for Projection | Projection Network: Wlanaccess2.0

Projection Code
CMYK-SRGB
Use IdeaShare Client for Projection | Projection Network: Wlanaccess2.0

HUAWEI

HUAWEI IdeaHub

Leveraging extensive expertise in audiovisual technology, native OS, software and hardware system engineering, full-stack AI capabilities, and native cloud services, we offer an all-in-one collaboration device for enterprise scenarios.

It seamlessly integrates with diverse terminals and a rich office cloud ecosystem, enhancing productivity through device-cloud collaboration. Additionally, it can integrate with professional conferencing systems to drive industry digital transformation.

31 years	**4000+**	**170+**	**700+**
Exploration in audiovisual technologies	Partners	Countries/Regions covered	Global patents

HUAWEI IdeaHub Products

High-End Flagship Series

Flagship
HUAWEI IdeaHub ES2 Plus

Galileo's eyes, dual mirroring and control, Bring Your Own Meeting (BYOM), and 4K video meeting

Efficient
HUAWEI IdeaHub ES2

HD meeting, Bring Your Own Meeting (BYOM), Wi-Fi 6 for direct projection, and standout performance

Versatile
HUAWEI IdeaHub S2

HD meeting, Bring Your Own Meeting (BYOM), and Wi-Fi 6 for direct projection

Education Series

Pioneering
HUAWEI IdeaHub K3

Comfort and health, engaging interactions, and thriving ecosystem

Cloud Meeting Basic Series

Flexible
HUAWEI IdeaHub B3

Bring Your Own Meeting (BYOM), Wi-Fi 6 for direct projection, and speaker tracking

Affordable
HUAWEI IdeaHub B2

HD meeting, intelligent whiteboard, and dual Wi-Fi projection

Interactive
HUAWEI IdeaHub Board 2

4K anti-blue light screen, intelligent whiteboard, and easy projection

Elegant
HUAWEI IdeaHub Board 3 Pro

4K anti-blue light screen, dual mirroring and control, Wi-Fi 6 for direct projection, 16 ms low latency

IdeaManager: Intelligent O&M Platform

- Remotely manages and controls up to 50,000 IdeaHubs, and supports batch configuration, upgrade, and shutdown.
- Provides quick fault rectification, device status statistics, inspection fault alarms, and self-service fault diagnosis.
- Supports precise advertisement push by pushing startup animations and bulletin boards.

Notes:

*The platform can be deployed on virtual machines (VMs) or physical servers.

IdeaHub Optional Accessories

IdeaShare Key (Type-A)
Easy projection, clear display

IdeaShare Key (Type-C)
Projection with just a press (BYOM supported)

OPS
Extended support for Windows

IdeaHub Controller
Convenient conference control commands

CloudLink Touch
Seamless call and conference control

C200-HW
12x optical zoom and 4K UHD PTZ camera

CloudLink Mic 500 Series
Microphone array, for sound pickup within 6 m

M100 series
USB cable/Bluetooth/Bluetooth adapter, plug-and-play

Notes:

*CloudLink Touch and CloudLink Mic 500 series are supported only by IdeaHub ES2 Plus, ES2, and S2.

*Product pictures and display content in this datasheet are for reference only. Actual product specifications and display content (including but not limited to backgrounds, interfaces, and illustrations) may vary.

IdeaHub Product Highlights

All-in-one endpoint Multiple functions

- 4K anti-blue light screen
- Professional 4K camera dedicated for video meetings
- 12 m long-distance sound pickup* and stereo speaker

Cross-terminal collaboration

- Dual mirroring and control
- Network-free projection*
- 4K content sharing

Intelligent meeting Immersive experience

- Native HD cloud meeting*
- BYOM
- Intelligent tracking and acoustic baffle*

Intelligent whiteboard Smooth handwriting

- Minimum 16 ms low writing latency
- Intelligent writing recognition
- Co-authoring

Intelligent O&M Remote management

- Centralized endpoint management and control
- Fast diagnosis of faults
- Advertisement push

Ultimate security Full-link protection

- Secure communications
- Data protection
- System protection

Notes:

*12 m long-distance sound pickup is supported by IdeaHub ES2 Plus, ES2, and S2.

*Network-free projection: Peer-to-peer device connection technology based on Wi-Fi Direct.

*Native HD cloud meeting: Subject to the cloud service coverage in the local country/region.

*Acoustic baffle is supported by IdeaHub ES2 Plus, ES2, and S2.

*Features supported only by IdeaHub ES2 Plus, ES2, S2, and B3: network-free projection, BYOM, intelligent tracking, and dual mirroring and control
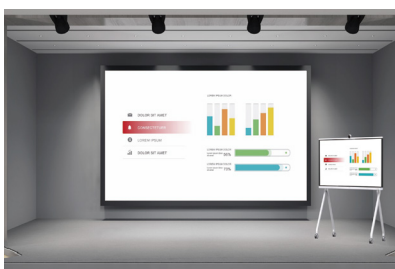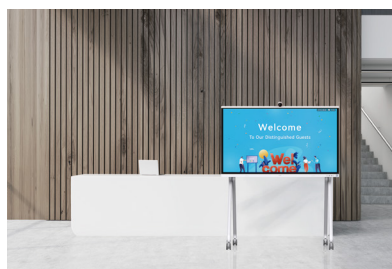
Application Scenarios

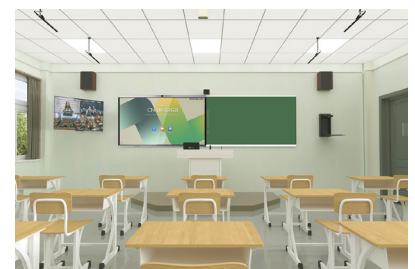**Regular Meeting Room**

Executive Office

Open Area

Multimedia Room

Information Desk

Digital Classroom

HUAWEI IdeaHub ES2 Plus

Intelligent Evolution, Limitless Collaboration

Galileo's eyes | Dual mirroring and control | BYOM

Galileo's eyes

Intelligent triple-lens camera

Dual mirroring and control

Enhancing connectivity between IdeaHub and personal devices

BYOM

Transfer PC meetings to the IdeaHub

Intelligent tracking 3.0

60% portrait proportion within 8 meters

4K video meeting

SIP/H.323

Acoustic baffle

12-meter

Ultra-long-distance sound pickup

High-definition

Huawei Cloud Meeting

16 ms

Ultra-low writing latency

Wi-Fi direct projection

Network-free projection via Wi-Fi 6

4K doubled frame rate

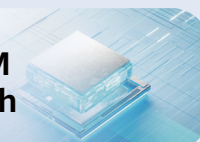Convert 30 fps video streams to 60 fps

TÜV Rheinland

Low Blue Light (Hardware Solution) Certification

12 GB RAM
64 GB Flash

CC EAL6+

Highest level of security certification

HUAWEI IdeaHub ES2

New Style Smart Office

BYOM | Wi-Fi 6 for direct projection | HD cloud conferencing

1080p video meeting

SIP/H.323

High-definition

Huawei Cloud Meeting

Intelligent tracking

Acoustic baffle

12-meter

Ultra-long-distance sound pickup

Wi-Fi 6 for direct projection

One-step projection with Wi-Fi 6

BYOM

Transfer PC meetings to the IdeaHub

Dual mirroring and control

16 ms

Ultra-low writing latency

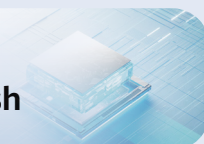**Multi-Window**

Two apps on one screen

TÜV Rheinland

Low Blue Light (Hardware Solution) Certification

**12 GB RAM
64 GB Flash**

CC EAL6+

Highest level of security certification

HUAWEI IdeaHub S2

New Style Smart Office

BYOM | Wi-Fi 6 for direct projection | HD cloud conferencing

Wi-Fi 6 for direct projection

One-step projection with Wi-Fi 6

BYOM

Transfer PC meetings to the IdeaHub

Dual mirroring and control

FHD video meeting

Professional camera

12-meter

Ultra-long-distance sound pickup

Intelligent tracking

High-definition

Huawei Cloud Meeting

Acoustic baffle

Multi-Window

Two apps on one screen

16 ms

Ultra-low writing latency

TÜV Rheinland

Low Blue Light (Hardware Solution) Certification

8 GB RAM 64 GB Flash

CC EAL6+

Highest level of security certification

HUAWEI IdeaHub B3

New Style Smart Office

BYOM | AI-powered communication | Smart office collaboration

CMYK-SRGB

65"/75"/86"

BYOM

Transfer PC meetings to the IdeaHub

Professional-grade 4K camera

Intelligent meeting experience

High-definition

Huawei Cloud Meeting

Intelligent tracking

10-meter

long-distance sound pickup

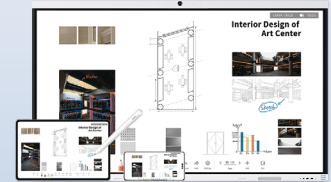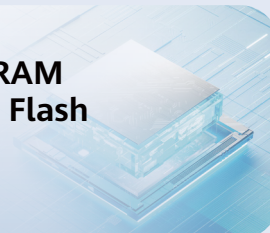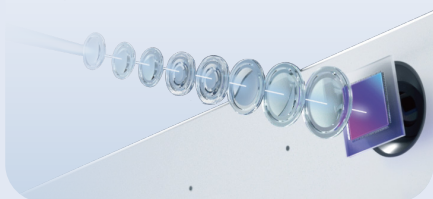### Wi-Fi 6 for direct projection

One-step projection with Wi-Fi 6

Multi-Window

Dual mirroring and control

Enhancing connectivity between IdeaHub and personal devices

16 ms

Ultra-low writing latency

TÜV Rheinland

Low Blue Light (Hardware Solution) Certification

8 GB RAM 64 GB Flash

CC EAL6+

Highest level of security certification

HUAWEI IdeaHub B2
New Style Smart Office

HD cloud meetings | Intelligent whiteboard | Enterprise-class security
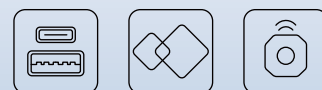
65"/75"/86"

4K professional camera

1080p cloud meeting
Native adaptation to Huawei Cloud

Multiple projection modes

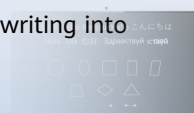**TÜV Rheinland**
Low Blue Light (Hardware Solution) Certification

TÜVRheinland ®
CERTIFIED

25 ms
writing latency

Intelligent writing
Convert handwriting into digital forms

10-meter
long-distance sound pickup

Dual Wi-Fi modules for easy projection
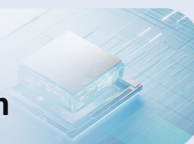
4K soft light screen

Anti-glare

High-fidelity stereo

Switch between dual systems in one tap

4 GB RAM 32 GB Flash

E2E security protection

HUAWEI IdeaHub Board 3 Pro

Reimagine Your **Smart Workplaces**

Seamless collaboration | Ultimate experience | Security and health

65"/75"/86"

4K soft light screen

Optical anti-blue light with zero color cast

Unrivalled computing

2.5x the performance

Dual mirroring and control

IdeaHub on your fingertips

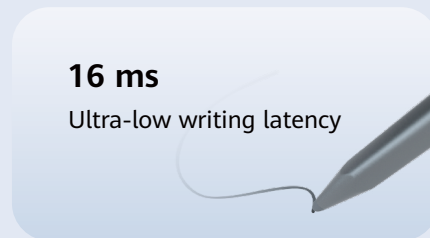## Intelligent O&M

Manage millions of devices anytime, anywhere

Dynamic bulletin board

New enterprise marketing platform

16 ms

Ultra-low writing latency

Multi-Window

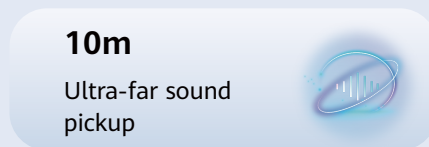## Wi-Fi Direct projection

Network-free projection via Wi-Fi 6

8-core CPU

High performance

10m

Ultra-far sound pickup

CC EAL6+

High-level security certification

HUAWEI IdeaHub K3

Pioneering Smart Education

Comfort and health | Engaging interactions | Thriving ecosystem

Ultra-wide angle of view
Full classroom coverage

Student writes Teacher comments
Multi-screen collaboration
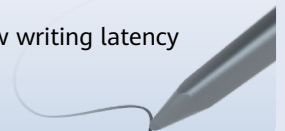
Optical
anti-blue light
Hardware-level

Better reachability
Write easily

16 ms
Ultra-low writing latency

Wi-Fi Direct projection
project lesson materials easily

Multiple projection modes

Remote multimedia interaction

Extensive teaching apps
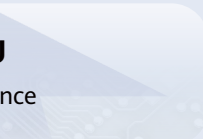
Electronic blackboard

One-tap switchover between two systems

8-core CPU
High performance

12 GB RAM
128 GB Flash

CC EAL6+
High-level security certification

HUAWEI IdeaHub Board 2

Bring Digital to Every Classroom
for Interactive Teaching and Immersive Learning

1.07 billion colors for natural display

4K soft light screen

TÜV Rheinland

Low Blue Light (Hardware Solution) Certification

TÜV Rheinland
CERTIFIED

Anti-glare

Clear images even under strong light

Dual Wi-Fi modules for easy projection

Multiple projection modes
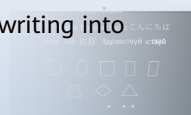
Type-C

Multiple interfaces for flexible connection

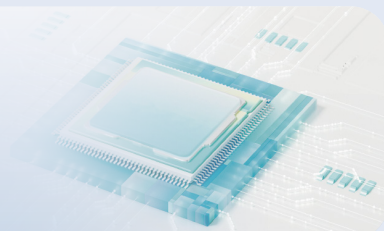## 25 ms

writing latency

Intelligent writing

Convert handwriting into digital forms

E2E security protection

Openness and compatibility

One-tap switchover between two systems

	IdeaHub ES2 Plus	IdeaHub ES2	IdeaHub S2
Product name	IdeaHub ES2 Plus	IdeaHub ES2	IdeaHub S2
Color	Titanium gray	Titanium gray	Jade white
Product model	86": IHE2-86IA	65": IHE2-65SA 75": IHE2-75SA 86": IHE2-86SA	65": IHS2-65SA 75": IHS2-75SA 86": IHS2-86SA
Product dimensions (H x W x D)	86": 1232.8 mm x 1953.0 mm x 91.8 mm	65": 947.5 mm x 1484.5 mm x 91.6 mm 75": 1071.9 mm x 1705.7 mm x 91.8 mm 86": 1212.0 mm x 1953.0 mm x 91.8 mm	65": 947.5 mm x 1484.5 mm x 91.6 mm 75": 1071.9 mm x 1705.7 mm x 91.8 mm 86": 1212.0 mm x 1953.0 mm x 91.8 mm
Package dimensions (H x W x D)	86": 1300 mm x 2090 mm x 250 mm	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm
Net/Gross weight (including the package)	86": 63.7 kg/76.9 kg	65": 35.5 kg/43.0 kg 75": 47.0 kg/57.0 kg 86": 62.0 kg/73.5 kg	65": 35.5 kg/43.0 kg 75": 47.0 kg/57.0 kg 86": 62.0 kg/73.5 kg
Screen	4K	4K	4K
Camera	4K triple-lens camera	4K	4K
Microphone	12-meter sound pickup	12-meter sound pickup	12-meter sound pickup
Speaker	40 W	40 W	40 W
Meeting	4K/1080p on-premises meeting 1080p Huawei Cloud Meeting BYOM	1080p on-premises meeting 1080p Huawei Cloud Meeting BYOM	1080p on-premises meeting 1080p Huawei Cloud Meeting BYOM
Intelligent feature	Intelligent tracking (speaker tracking and Auto-Framing) Acoustic baffle	Intelligent tracking (speaker tracking and Auto-Framing) Acoustic baffle	Intelligent tracking (speaker tracking and Auto-Framing) Acoustic baffle
Projection	IdeaShare app (Wi-Fi Direct projection supported) Miracast HDMI and Type-C cables IdeaShare Key	IdeaShare app (Wi-Fi Direct projection supported) Miracast HDMI and Type-C cables IdeaShare Key	IdeaShare app (Wi-Fi Direct projection supported) Miracast HDMI and Type-C cables IdeaShare Key
Writing	16 ms writing latency	16 ms writing latency	16 ms writing latency
CPU	8 cores	8 cores	8 cores
RAM + Flash	12 GB + 64 GB	12 GB + 64 GB	8 GB + 64 GB
OS	HarmonyOS Windows (OPS required)	HarmonyOS Windows (OPS required)	HarmonyOS Windows (OPS required)
Port	Front-panel port 1 x Type-C 2 x USB 3.0	Side-panel port 1 x USB 3.0 1 x HDMI OUT 1 x COM port 1 x 3.5 mm Line-out 1 x RJ45 1 x Touch port 1x HDMI IN (S2/ES2) 2 x HDMI IN (ES2 Plus) 1 x 3.5 mm Line-in 1 x HDAI	

Notes:

*The specifications and performance in this datasheet are for reference only. The actual data may vary depending on the version being used.

	IIdeaHub B3	IdeaHub B2	IdeaHub Board 3 Pro
Product name	IIdeaHub B3	IdeaHub B2	IdeaHub Board 3 Pro
Color	Jade white	Jade white	Jade white
Product model	65": IHB3-65SA 75": IHB3-75SA 86": IHB3-86SA	65": IHB2-65PU 75": IHB2-75PU 86": IHB2- 86PU	IHB2-65PB IHB2-75PB IHB2-86PB
Product dimensions (H x W x D)	65": 916.1 mm x 1484.5 mm x 91.6 mm 75": 1040.5 mm x 1705.7 mm x 91.8 mm 86": 1180.6 mm x 1953.0 mm x 91.8 mm	65": 916.1 mm x 1484.5 mm x 91.6 mm 75": 1040.5 mm x 1705.7 mm x 91.8 mm 86": 1180.6 mm x 1953.0 mm x 91.8 mm	65": 916.1 mm x 1484.5 mm x 91.6 mm 75": 1040.5 mm x 1705.7 mm x 91.8 mm 86": 1180.6 mm x 1953.0 mm x 91.8 mm
Package dimensions (H x W x D)	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm
Net/Gross weight (including the package)	65": 35.5 kg/43.0 kg 75": 47.8 kg/57.8 kg 86": 63.0 kg/74.5 kg	65": 35.8 kg/43.3 kg 75": 47.8 kg/57.8 kg 86": 63.0 kg/74.5 kg	65": 35.8 kg/42.7 kg 75": 47.8 kg/56.7 kg 86": 63.0 kg/73.1 kg
Screen	4K	4K	4K
Camera	4K	4K	4K
Microphone	10-meter sound pickup	10-meter sound pickup	10-meter sound pickup
Speaker	30 W	30 W	30 W
Meeting	1080p Huawei Cloud Meeting BYOM	1080p Huawei Cloud Meeting	1080p Huawei Cloud Meeting
Intelligent feature	ntelligent tracking (speaker tracking and Auto-Framing)	/	/
Projection	IdeaShare app (Wi-Fi Direct projection supported) Miracast HDMI and Type-C cables IdeaShare Key	IdeaShare app HDMI and Type-C cables IdeaShare Key	IdeaShare app (Wi-Fi Direct projection supported) Miracast HDMI and Type-C cables IdeaShare Key
Writing	16 ms writing latency	25 ms writing latency	16 ms writing latency
CPU	8 cores	4 cores	8 cores
RAM + Flash	8 GB + 64 GB	4 GB + 32 GB	8 GB + 64 GB
OS	HarmonyOS Windows (OPS required)	Android Windows (OPS required)	HarmonyOS Windows (OPS required)
Port	Front-panel port 1 x Type-C 2 x USB 3.0	Side-panel port 1 x USB 3.0 1 x HDMI OUT 1 x COM port 1 x 3.5 mm Line-out 1 x RJ45 1 x USB Type-B (B2) 2 x HDMI IN 1 x 3.5 mm Line-in	1x Type-C 2 x USB 3.0 2 x USB 2.0 1 x USB 3.0 1 x Type-B 1 x HDMI OUT 2 x HDMI IN 1 x 3.5 mm Line-out 1 x 3.5 mm Line-in 1 x RJ45 (10/100/1000 Mbit/s LAN) 1 x COM port

Notes:

*The specifications and performance in this datasheet are for reference only. The actual data may vary depending on the version being used.

	IdeaHub K3	IdeaHub Board 2
Product name	IdeaHub K3	IdeaHub Board 2
Color	Titanium gray	Jade white
Product model	65": IHK3-65SA 75": IHK3-75SA 86": IHK3- 86SA	65": IHB2-65SU 75": IHB2-75SU 86": IHB2- 86SU
Product dimensions (H x W x D)	65": 916.1mm × 1484.5mm × 91.6mm 75": 1040.5mm ×1705.7mm × 91.8mm 86": 1180.6mm×1953.0mm × 91.8mm	65": 892.5 mm x 1484.5 mm x 91.6 mm 75": 1016.9 mm x1705.7 mm x 91.8 mm 86": 1157.0 mm x1953.0 mm x 91.8 mm
Package dimensions (H x W x D)	65": 1050mm ×1650mm × 220mm 75": 1170mm ×1900mm × 220mm 86": 1300mm×2090mm 250mm	65": 1050 mm x 1650 mm x 220 mm 75": 1170 mm x 1900 mm x 220 mm 86": 1300 mm x 2090 mm x 250 mm
Net/Gross weight (including the package)	65": 35.5kg/ 43.0 kg 75": 47.8 kg/ 57.8 kg 86": 63.0 kg/ 74.5 kg	65": 35.2 kg/ 42.7 kg 75": 46.7 kg/ 56.7 kg 86": 61.06kg/ 73.1 kg
Screen	4K	4K
Camera	Supported	/
Microphone	Supported	/
Speaker	Supported	Supported
Meeting	Supported	/
Projection	ldeaShare app (Wi-Fi Direct projection supported) Miracast HDMI and Type-C cables ldeaShare Key	ldeaShare app HDMI and Type-C cables ldeaShare Key
Writing	16 ms writing latency	25 ms writing latency
CPU	8 cores	4 cores
RAM + Flash	12 GB+128 GB	4 GB + 32 GB
OS	HarmonyOS Windows (OPS required)	Android Windows (OPS required)
Port	Front-panel port 1 x Type-C 2 x USB 3.0	Side-panel port 3 x USB 3.0 (K3) 1 x USB 3.0 (Board 2) 1 x HDMI OUT 1 x 3.5 mm Line-out 1 x USB Type-B 2 x HDMI IN 1 x 3.5 mm Line-in 1 x RJ45 1 x COM port

Notes:

*The specifications and performance in this datasheet are for reference only. The actual data may vary depending on the version being used.

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**Huawei Intelligent
Collaboration official website**