

New Generation HUAWEI IdeaHub

New Style **Smart Office**



HUAWEI IdeaHub B2
65"/ 75"/ 86"

HUAWEI IdeaHub S2
65"/ 75"/ 86"

HUAWEI IdeaHub B3
65"/ 75"/ 86"

HUAWEI IdeaHub Product



65" 75" 86"

Tailored for smart office

HUAWEI IdeaHub S2

The IdeaHub S2 is built on a cutting-edge hardware platform architecture, delivering exceptional HD audio and video, Wi-Fi 6 for direct projection, BYOM (Bring Your Own Meeting), ultra-low writing latency, and seamless integration with mainstream cloud conferencing ecosystems. It's perfect for small and medium-sized meeting rooms and executive offices alike.



65" 75" 86"

Designed for efficient office

HUAWEI IdeaHub B2

The IdeaHub B2 boasts features such as 1080p HD cloud conferencing, projection via dual-Wi-Fi modules, ultra low writing latency, and enterprise-level information security. The sleek design of the IdeaHub B2 is perfect for any smart office.



65" 75" 86"

Optimal choice for lightweight office

HUAWEI IdeaHub B3

HUAWEI IdeaHub B3 provides features like 1080p HD cloud meetings, Bring Your Own Meeting (BYOM), and Wi-Fi 6 for direct projection. With professional-grade hardware components such as a 4K soft light screen and stereo speaker, it's an optimal solution for collaboration scenarios such as business reports, project discussions, and routine meetings in meeting rooms, open areas, or training rooms..

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

Notes:

*CloudLink Touch and CloudLink Mic 500 Series is supported only by IdeaHub S2.

IdeaHub Product Highlights



All-in-one endpoint Multiple functions

- 4K anti-blue light screen
- 4K camera dedicated for video meetings
- Microphone array for stereo sound



Easy projection Seamless operations

- Network-free projection
- 4K UHD content sharing
- Reverse control



Intelligent meeting Immersive experience

- Native HD cloud meeting
- BYOM
- Intelligent tracking, Auto-Framing, and acoustic baffle



Intelligent whiteboard Smooth handwriting

- 16ms Low writing latency
- Intelligent writing recognition
- Co-authoring



Intelligent O&M Remote management and control

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



Ultimate information security Full-link protection

- Secure communications
- Data protection
- System protection

Notes:

*Easy projection: Projection display varies depending on the endpoint model.

*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.

*Features supported only by IdeaHub S2 and B3: Network-free projection, BYOM, intelligent tracking, Auto-Framing, and acoustic baffle (only supported by S2).

Application Scenarios



Regular Meeting Room



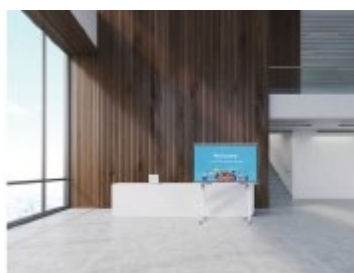
Executive Office



Open Area



Multi-functional Training Room



Exhibition and Demonstration



Digital Classroom

IdeaHub S2 Product Highlights



4K Soft Light Screen

- 4K UHD display, restoring all image details
- Optical anti-blue light, for eye protection and zero color cast
- Flicker-free display, ensuring a comfortable viewing experience



Professional 4K Camera for Video Conferencing

- $2\ \mu\text{m}^2$ ultra-large photosite size for doubled signal-to-noise ratio (SNR)
- Huawei-developed AI algorithm, ensuring true-to-life, natural clarity
- Circulating heat dissipation for consistent resolution even after long meetings

Acoustic Engine 2.0 for Clear Voice from Far Away

- 12-meter ultra-long-distance sound pickup, perfect for large meeting rooms
- DNN-based dereverberation, ensuring crystal clear voice in rooms with glass surfaces
- AEC algorithm, eliminating interference when multiple speakers are speaking at two sites



3D Stereo Field for Optimal Sound Experience

- Dual chambers and four speakers, delivering stereo sound
- Max. of 95 dB sound pressure level for clear sound even in large rooms
- Self-developed bass booster, enhancing the overall sound quality

IdeaHub S2 Product Highlights



Bring Your Own Meeting (BYOM)

- Effortless projection through the IdeaShare app
- No need for additional applications or OPS, making it more cost-effective and user-friendly



Immersive FHD Intelligent Meeting

- Voice tracking, Auto-Framing, and acoustic baffle, delivering an immersive experience
- 1080p audio and video, 4K data sharing, and dual-stream meeting
- H.264 + H.265 dual protocols, HD hardware encoding and decoding, and fully upgraded on-premises conferences

Wi-Fi 6 for Direct Projection

- Sync with the HUAWEI IdeaHub S2 by simply enabling Wi-Fi on a mobile phone or PC, without the need to join the same LAN
- Effortless projection through the IdeaShare app



Intelligent Whiteboard as Easy as Pen on Paper

- 16 ms low-latency screen for synchronous writing
- Accurate text and graphic identification, and conversion from handwritten to digital content



IdeaHub B2 Product Highlights

Collaboration endpoint that integrates multiple functions

- 4K soft light screen, for eye comfort over long periods
- Professional-grade 4K camera, delivering crystal-clear dynamic images
- Sound pickup within 10m, ensuring clear voice reception from remote locations
- 550 cm³ large speaker, providing 3D stereo sound



Compatibility with mainstream cloud meeting systems

- Native Huawei Cloud Meeting on the Android system, displaying 1080p HD visuals through a simple QR code scan
- Extension of Windows*, allowing for easy connection to mainstream cloud meetings

Note:

An OPS is needed for extending Windows. This enables users to switch seamlessly between Android and Windows operating systems.



Projection based on dual Wi-Fi modules

- Dual-band and dual-Wi-Fi design, ensuring stable projection
- Reverse control of input devices on the IdeaHub, supporting PPT slideshows and commenting
- Multiple projection modes, simplifying projection and sharing between different systems



Intelligent whiteboard, making writing feel natural

- 25 ms writing latency, streamlining discussion and collaboration
- Accurate identification of text and graphics, converting handwriting into Standard Text within one second
- Whiteboard content and annotation saving via a QR code



IdeaHub B3 Product Highlights

All-in-One Design

- 4K soft light screen with optical anti-blue light
- Streamlined body, slimmed down bezels
- Rich ports for flexible expansion



Bring Your Own Meeting (BYOM)

- Effortless projection through the IdeaShare app
- No need for additional applications or OPS, making it more cost-effective and user-friendly

AI-powered communication

- Auto-framing: Golden ratio layout and distortion corrections are supported
- Speaker tracking: Intelligent sound source localization, keeping the speaker in the center position
- Two-person conversation: Two speakers are displayed at the same time

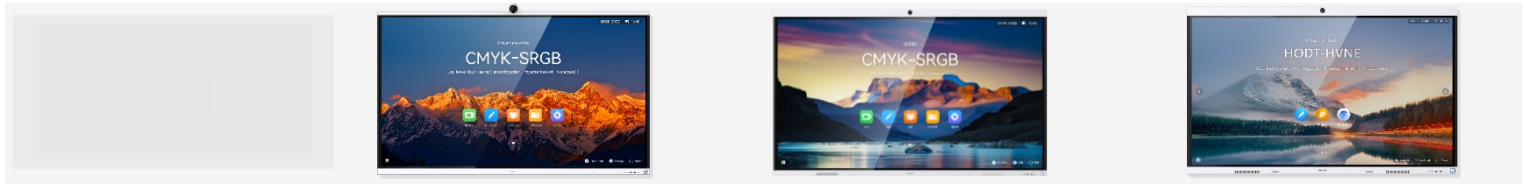


Smart Office Collaboration

- 16 ms ultra-low writing latency for smoother handwriting
- Convert your handwriting and sketches into digital forms





Specifications



Product Name	IdeaHub S2	IdeaHub B3	IdeaHub B2
Product positioning	High-end flagship	Cost-effective	Entry-level
Highlights	HD intelligent video conferencing 1080p HD cloud meeting BYOM Wi-Fi 6 for direct projection Intelligent tracking Acoustic baffle	1080p HD cloud meeting BYOM Wi-Fi 6 for direct projection Intelligent tracking	Native cloud meeting Low-latency writing Dual-band Wi-Fi for projection
Size	65"/75"/86"	65"/75"/86"	65"/75"/86"
Color	Jade white	Jade white	Jade white
OS	HarmonyOS Windows (OPS required)	HarmonyOS Windows (OPS required)	Android Windows (OPS required)
Memory/Hard disk	8 GB + 64 GB	8 GB + 64 GB	4 GB + 32 GB
Camera	4K professional	4K professional	4K professional
Microphone/Speaker	12 m sound pickup/40 W	10 m sound pickup/30 W	10 m sound pickup/30 W
Meeting specs	1080p/ on-premises meeting 1080p cloud meeting	1080p cloud meeting	1080p cloud meeting
Supported cloud meeting apps	Huawei Cloud Meeting	Huawei Cloud Meeting	Huawei Cloud Meeting

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HUAWEI Intelligent
Collaboration Bookshelf