

HUAWEI IdeaHub S2

New Style Smart Office

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



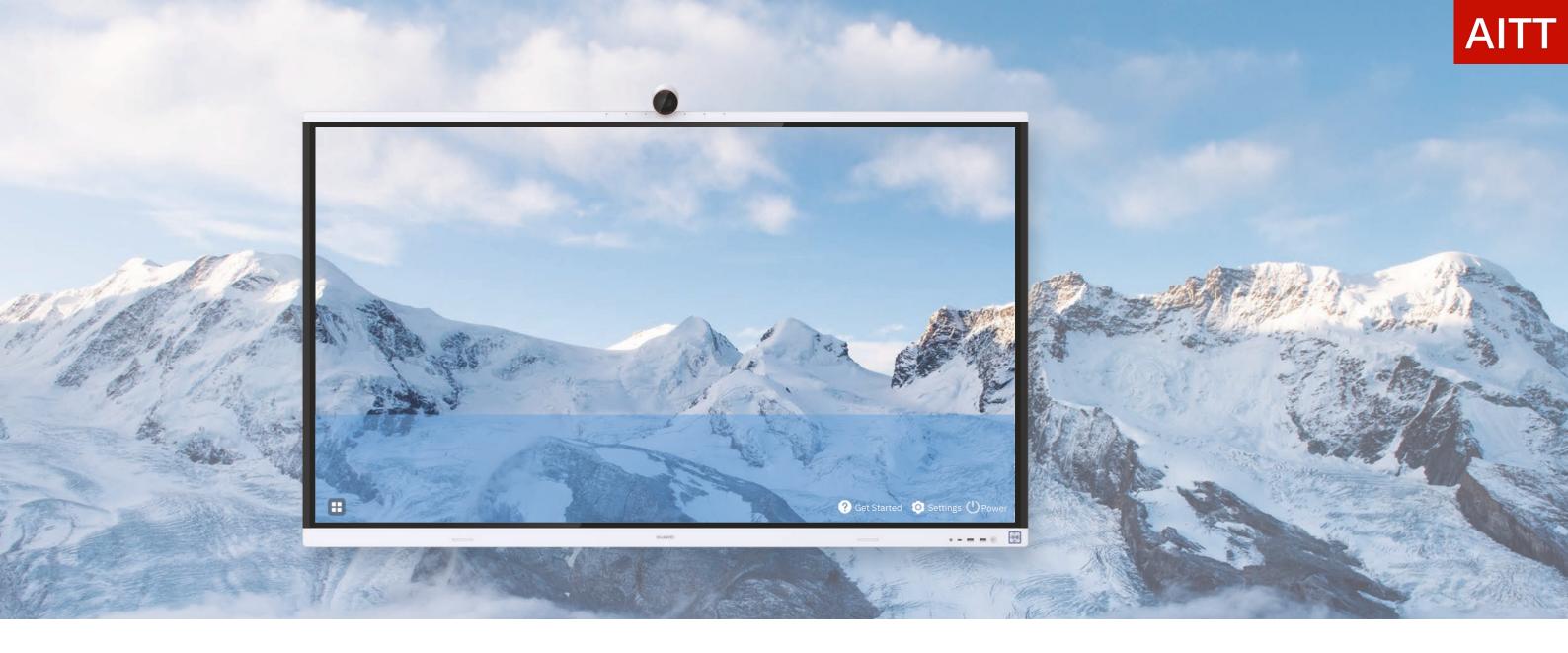


Designed for Efficient Business

HUAWEI IdeaHub S2

Built on the next-gen hardware platform architecture, HUAWEI IdeaHub S2 is equipped with Bring Your Own Meeting (BYOM), HD immersive meeting quality, Wi-Fi 6 for direct projection, and ultra-low writing latency, easily adapting to mainstream cloud meeting apps. It is a perfect solution for boundless collaboration and communication to fit in any room, such as regular meeting room, executive office, and open office area.





All-in-One Design Breaks Boundaries



Next-gen hardware platform

8-core dual-engine driver, boosting performance



Ultra-narrow frame

Seamless zero-gap lamination and aerospace-grade nano coating



4K soft light screen

Optical anti-blue light, adaptive to ambient light



Smart camera

Lens cover offers physical privacy protection



Dual-system one-tap switchover OPS swap-free



Centralized front panel ports

NFC, Type-C, USB 3.0, and power button



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



Multiple transfer methods

Huawei phones1 support video conferencing transfer through the drop-down menu or NFC.

PCs support video conferencing transfer through the IdeaShare Key 2.0 (USB Type-C),2 IdeaShare app,3 and wired Type-C port.4

Note:

- 1. Supports Huawei phones running HarmonyOS 2.0 or later.
- 2. In Windows 7, macOS 10.13.6, and later versions, the video conferencing effect can reach up to 1080p 30 fps. 3.
- In Windows 7 and later versions, the video conferencing effect can reach up to 1080p 30 fps.
- 4. In Windows 7, macOS 10.10, and later versions, the video conferencing effect can reach up to 1080p 30 fps.
- *The actual performance may vary depending on vendors.



Immersive HD Intelligent Meeting

Adapts to mainstream cloud meeting apps and supports 1080p audio and video, 4K data sharing, and dual-stream meetings. Features H.264 + H.265 dual protocols, HD hardware encoding and decoding, and fully upgraded on-premises conferences1.



Note:

Powerful Al capabilities

Voice tracking always keeps the speaker in the center.

Auto-Framing automatically identifies the best angle for multiple participants.

Acoustic baffle shields external noise and adapts to various meeting rooms.

4K video conferencing camera



- (📖) 4K 30 fps 1.5 μm optical sensor
 - Doubled signal-to-noise ratio (SNR), providing better image quality
- Circulating heat dissipation design

3000-hour high-temperature test reassures consistent resolution even after long meetings

3D stereo field for cinematic sound experience

Ultra-large sound cavity | Max. 95 dB sound pressure

Acoustic Engine 2.0 for clear voice from far away

12-meter ultra-long-distance sound pickup | DNN-based dereverberation2 | Audio echo cancellation algorithm

บริษัท เอไอ ธิงค์แท้งค์ จำกัด สนใจติดต่อ: 081-710-1618

Huawei-developed imaging algorithm

TV distortion < 2% for natural image

^{1.} On-premises conferences: Refers to the video conferencing function provided by Huawei CloudLink Video Conferencing Solution. The IdeaHub S2 requires a license to upgrade to dual 1080p 30 fps on-premises conferences.

^{2.} Deep Neural Network (DNN): AI-based deep learning algorithm.



Wi-Fi 6 for Direct Projection

Network configuration-free and one-step access

Built on the Wi-Fi Direct capability, HUAWEI IdeaHub S2 features easy projection by multiple methods. Simply enable Wi-Fi on a mobile phone or PC to sync with the IdeaHub S2, and there's no need to join the same LAN. You can use IdeaShare app1 which autocompletes the projection code after the first letter, or you can use NFC2 or wireless projection through the drop-down menu3 on a Huawei phone to enable single-step projection.



Stable projection



Dual-band dual-Wi-Fi module

No interference between internet connection and projection

More projection methods



IdeaShare Key4



Type-C and HDMI cables for projection



Note:

- 1. The Wi-Fi Direct feature of IdeaShare app does not support macOS and iOS. The presentation sharing quality can reach 4K 30 fps with Windows OS.
- 2. NFC feature is supported by HUAWEI Mate 40 series phones running EMUI 11.0.0.135 or HarmonyOS 2.0 or later, and other Huawei phones running EMUI 11.0.0.150 or HarmonyOS 2.0 or later.
- 3. Projection through the option in the drop-down menu is supported by Huawei phones running EMUI 10.0.1 or HarmonyOS 2.0 or later
- 4. The IdeaShare Key supports Type-C and USB ports and is compatible with Windows 7, macOS 10.13.6, and later versions.



Intelligent Whiteboard

- 16 ms ultra-low writing latency
 Synchronous and precise writing
 on screen
- Multiple pen thicknesses in full color

Optional handwriting thickness and unlimited color choices

- Multi-touch gestures

 Select, move, zoom, and erase with gestures
- Scan to take away2
 Scan the QR code to take away
 whiteboard content

- Handwriting recognition1
 Converting your handwriting and drawings to digital forms
- Full-screen annotation

 Taking a snapshot of any page and pasting it to the whiteboard for annotation
- Remote bidirectional collaboration
 One tap to share whiteboard content
 for real-time collaboration
- Two people can write on the whiteboard concurrently

Note

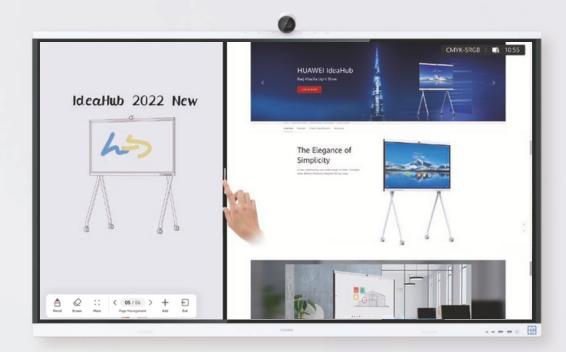
- 1. The intelligent writing recognition supports recognition of Chinese, English, and 11 types of graphics.
- 2. You can use Huawei Cloud Meeting to scan the QR code.
- * Product pictures and display content in this document are for reference only. Actual product specifications and display content (including but not limited to backgrounds, interfaces, and illustrations) may vary.

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Boundless Collaboration for Smart Office

Multi-Window for efficient multitasking

Multiple local collaboration and discussion tasks can be displayed simultaneously, ensuring uninterrupted office work and fully utilizing the IdeaHub S2's strengths.



App switching-free during collaboration, allowing you to browse information while writing on the whiteboard at the same time.

Supports multi-app screen linkage with adjustable window ratios (1:1/1:2), adapting to more scenarios.

App Multiplier for user-friendly interaction

Removes black bars of apps and optimizes multi-window display effect of more apps.



App Multiplier is supported by more than 1,0001 apps.

Displays an app in dual windows. For example, you can browse message list on one screen and read the detailed information in the other.

Note

1. The data is collected by the end of April 2022.



Ecosystem of Extensive Apps

Massive number of dedicated apps and fast downloads



Cloud-pipe-device-chip full-link protection, protecting enterprise information assets CC EAL5+ high-level security certification for global commercial systems

Open and Fast Integration

Open architecture

Adapts to the IdeaHub video hardware codec to provide 1080p HD video conferencing experience.

Integrates the whiteboard and meeting SDK plug-ins into enterprise office apps to facilitate everyday business.





IdeaManager for Intelligent O&M

- Remote management of multiple devices

 Basic device configuration | Remote OTA updates | Remote shutdown | Boot screen and bulletin board push
- Fast and precise fault locating and diagnosis
 Fault alarm notification | Self-service diagnosis of typical faults



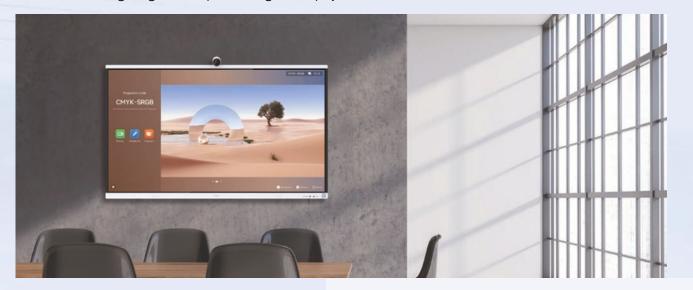
Customizable HiBoard Welcome Page

Multiple templates for the welcome page with one touch to display Supports image import and search for efficient management



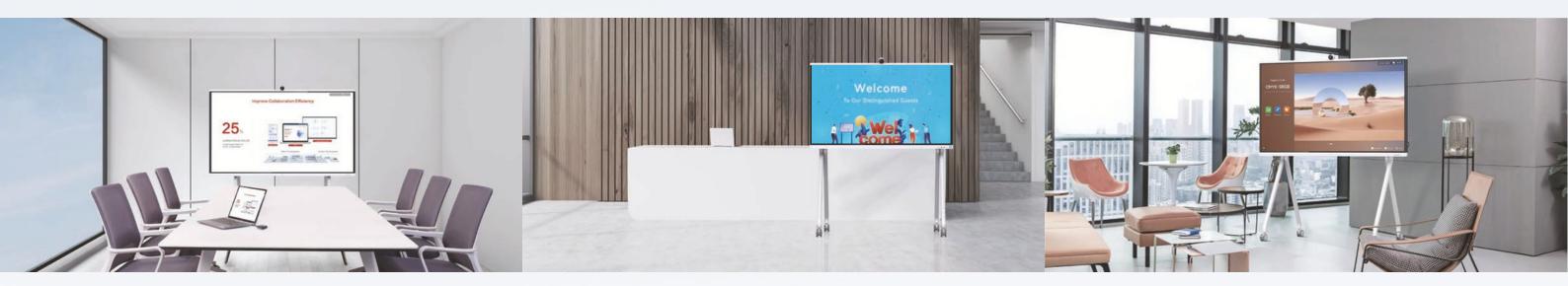
Bulletin Board for Enterprise Marketing

Unified management and scheduled push based on regions and organizations Flexible advertising design allows up to 50 images to be played in turn





All-Scenario Smart Office Ecosystem



Regular meeting room

Local workshop, remote meeting, and business meeting

Wi-Fi 6 for P2P cross-network projection | BYOM | Bidirectional collaboration | Intelligent writing

Exhibition and demonstration

Corporate culture display, welcome board, and activity promotions 4K display | HiBoard | Bulletin board | Aesthetic design

Open area

Regular meeting, instant discussion, and team-building meeting Rolling stand | Ultra-low writing latency

Multi-gesture erasure | QR code scanning for content takeaway



Multi-functional training room

Group discussion, employee development, simulation training, and live training

HD sharing | Wi-Fi 6 for P2P cross-network projection | Real-time annotation | Co-authoring

Executive office

Remote interview, employee debriefing, and CXO business meeting Lens cover | Open ecosystem | IdeaHub Controller

Study room

Remote working and hybrid learning

4K HD display | Ultra-low writing latency | HD intelligent cloud conferencing | 3D stereo sound





Product model

65": IHS2-65SA 75": IHS2-75SA 86": IHS2-

Produsta dimensions (H x W x D)

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

Net weight

65": 35.5 kg 75": 47.0 kg

Gross weight (including the package)

kg 65": 43.0 kg 75": 57.0 kg

The dimensions and weight may vary with configuration, manufacturing process, and measurement method. The product height includes the camera (55 mm).

	Jade white T	he dimensions and weight may vary with computation, and nufacturing process, and measurement nethod. The product height includes the camera (55 mm).	
Component		***	
Device	Stylus pen	Cable	
1	2	1 x power cable	
Rolling stand	Wall-mounted bracket	IdeaShare Key	
Optional (65", 75", and 86")	Optional (65", 75", and 86")	Optional (Type-C port, supporting BYOM)	
OPS			
Optional		Note: VESA mounting sizes are M8 \times 25 mm (600 mm \times 400 mm for 65", 800 mm \times 400 mm for 75"/86")	
Screen			
Resolution	Backlight type	Screen lamination	
4K (3840 x 2160 pixels)	D-LED	Zero-gap bonding	
Writing			
Latency	Touch sensing distance	Intelligent writing recognition	
16 ms	≤ 1.5 mm	Supports recognition of Chinese, English, and 11 types of graphics	
Camera			
Resolution	Sensor pixel size	Lens cover	
1800 lines	1.5 μm x 1.5 μm	٧	
Horizontal FoV	Zoom	TV distortion	
80°	2x digital zoom	<2%	
Speaker			
Frequency domain	Quantity	Maximum power	
80 Hz to 20 kHz	2 x high-frequency speaker+2 x	2 x high-frequency speaker+2 x full-frequency speaker 40 W	

Microphone		
Sound pickup angle	Sound pickup distance	Frequency domain
180°	12 m	80 Hz to 20 kHz
Optimized sound pickup		
Sound source location, echo cancellation, a	nd automatic gain control	
Conferencing		
Native meeting	Dual streams (audio/video + data sharing)	BYOM
Huawei Cloud Meeting and WeLink	On-premises conference*: 1080p 30 fps + 1080p 30 fps/4K 8	V
	fps Huawei Cloud Meeting and WeLink: 1080p 30 fps + 1080p 30 fps/4K 8 fps	
	On-premises conference*; a license to upgrade the vic	The IdeaHub S2 does not support on-premises conferences by default. You n deo and presentation channels to 1080p 30 fps.
Al Function		
Auto-Framing	Intelligent tracking	DNN-based dereverberation*
٧	√	√ * Deep Neural Network (D1)
System		
CPU	RAM	Flash
8-core A73	8 GB	64 GB
Operating system	Security	Language
HarmonyOS, Windows*	Embedded encryption chip that supports H.235, STARTTLS, TLS, SRTP encryption, secure boot, and TEE	Simplified Chinese, English, French, Japanese, Arabic, and Spanish
		* An OPS plug-in computer is required for Windo
Wireless Connection		
Wi-Fi module	Wi-Fi frequency	NFC
Wi-Fi 6	2.4 GHz + 5 GHz	V
Interface		
Video input	Video output	Audio input
1 x HDMI (up to 4K)	1 x HDMI (up to 4K)	1 x 3.5 mm LINE IN 1 x HD-AI
Audio output	Other ports	
1 x 3.5 mm LINE OUT	3 x USB Type-A 3.0 1 x USB Type-C	

*P roduct information, specifications, and features may vary by product model and system version. The information on this page is for your reference only and is subject to changes.

For full information, see the official Huawei website.