HUAWEI

Building a Fully Connected, Intelligent World

HUAWEI IdeaHub S2

New Style Smart Office

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



IdeaHub S2

Built on the next-gen hardware platform with high-computing power, 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.

* 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.

All-Scenario Smart Office Ecosystem



Regular meeting room

Local workshop, remote meeting, and business meeting



Executive office

Remote interview, employee debriefing, and CXO business meeting



Open area

Regular meeting, instant discussion, and team-building meeting



Multi-functional training room

Group discussion, employee development, simulation training,



Exhibition and demonstration

Corporate culture display, welcome board, and activity promotions



Study room

Remote working and hybrid learning

All-in-One Collaboration Endpoint



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

TÜV Rheinland Low Bule Light Certification for Eye Protection



Professional 4K Camera for Video Conferencing

- 2 μm² 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

Smart Office



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



Smart Office

Multi-Window for Efficient Multitasking

- Dual applications on one screen for doubled efficiency
- Adjustable window ratios (1:1, 1:2, and 2:1)





App Multiplier: Massive Apps to Fit Your Needs

- App display in dual windows, allowing you to navigate between content and details on one screen
- App home screen on the left and content screen on the right

Enterprise-level Information Security

Enterprise-level E2E Security Protection

Chip-device-pipe-cloud end-to-end (E2E) protection and CC EAL5+ high-level security certification for global commercial systems



Intelligent O&M



IdeaManager Device Management Platform

IdeaManager allows for remote management and control of multiple devices, including basic device configuration, remote over-the-air (OTA) updates, and startup animation and bulletin board pushes.

Technical Specifications

Product Name	HUAWEI IdeaHub S2



Jade white

Product model

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

Product 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

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

Net/Gross weight (including the package)

65": 35.5 kg/ 43.0 kg
75": 47.0 kg/ 57.0 kg
86": 62.0 kg/ 73.5 kg

The dimensions and weight may vary with configuration, manufacturing process, and measurement method.
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-A port)
OPS		
Optional		

Note: VESA mounting sizes are M8 x 25 mm (600 mm x 400 mm for 65", 800 mm x 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	≤ 2 mm	Supports recognition of Chinese, English, and 11 types of graphics

Camera

Resolution	Sharpness	Lens cover
4K	1800 lines	√
Horizontal FoV	**TV distortion**	
80°	<2%	

Speaker

Frequency domain	Number of units	Total power
100 Hz to 20 kHz	4	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, and automatic gain control

Conferencing

Native meeting	Dual streams (audio/video + data sharing)	BYOM
Huawei Cloud Meeting On-premises conference	On-premises conference: 1080p 30 fps + 1080p 30 fps/4K 8 fps Huawei Cloud Meeting : 1080p 30 fps + 1080p 30 fps/4K 8 fps	√

AI Function

Auto-Framing	Intelligent tracking	Acoustic baffle
√	√	√

DNN-based dereverberation*

√

* Deep Neural Network (DNN)

System

CPU	RAM	Flash
8-core	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, Spanish, Russian, German, Portuguese, and Italian

* An OPS plug-in computer is required for Windows.

Wireless Connection

Wi-Fi module	Wi-Fi frequency	NFC
Wi-Fi 6	2.4 GHz + 5 GHz	√

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 1 x RJ45 (10/100/1000 Mbit/s LAN)

Product 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.

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