



Building a Fully Connected, Intelligent World

HUAWEI IdeaHub B2

New Style **Smart Office**

HD Cloud Meetings | Intelligent Whiteboard | Enterprise-Class Security



HUAWEI IdeaHub B2

HUAWEI IdeaHub B2 is the next-generation intelligent meeting panel that delivers HD cloud conferencing. With dual Wi-Fi design and an optical anti-blue light feature, it offers an upgraded projection and writing experience perfect for multiple office environments, including meeting rooms, manager offices, and open office areas.



All-in-One Collaboration Endpoint

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



Smart Office

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



Smart Office

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



Security O&M

Comprehensive, intelligent O&M

- Remote management of multiple IdeaHubs, with features such as batch configuration, upgrade, and advertisement push
- Quick fault rectification, alarms, and automatic diagnosis



Enterprise-level information security

Cloud-pipe-device-chip full-link protection, safeguarding enterprise information assets



All-Scenario Smart Office Ecosystem



Regular meeting room

Local workshop, remote meeting, and business meeting



Executive office

Remote interview, employee debriefing, and CXO business meetings



Open working area

Informal meeting, instant discussion, and team-building meeting



Multi-purpose training room

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



Exhibition and demonstration

Corporate culture display, welcome board, and activity promotions



Study room

Remote working and hybrid learning

Technical Specifications

Product Name

HUAWEI IdeaHub B2



Jade white

Product Model

65": IHB2-65PU
75": IHB2-75PU
86": IHB2- 86PU

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

Package Dimensions (H x W x D)

65": 1050mm × 1650mm × 220mm
75": 1170mm × 1900mm × 220mm
86": 1300mm × 2090mm 250mm

Note: Actual dimensions may vary depending on the configuration, manufacturing process, and measurement method.

Component

Device

1

Stylus Pen

2

Cable

1 x Power Cable

Rolling Stand*

Optional (65", 75", and 86")

Wall-Mounted Bracket*

Optional (65", 75", and 86")

IdeaShare Key

Optional

OPS

Optional(i5/i7)

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

4K UHD (3840 x 2160)

Backlight Type

D-LED

Screen Lamination

Zero-Gap Bonding

Viewing Angle

178°

Color Depth

10bit (8bit +FRC)

Color Gamut

85% NTSC (typical value)

Screen Refresh Rate

60Hz

Number of touch points

20

Camera

Zoom

2 x Digital Zoom

Maximum Angle of View

Horizontal: 80°/Vertical: 50°

Video Output Resolution

4K

TV Distortion

<2%

Aperture

F1.8

Speaker

Frequency Domain

100 Hz to 20 kHz

Speaker Unit

2 x full frequency speaker + 2 x high-frequency speaker

Stereo

✓

Maximum Power

30W

Microphone

Sound Pickup Angle	Quantity	Frequency Domain
180°	6	100Hz-20kHz

Sound Pickup Distance

10m

Wireless Connection

Dual-Wi-Fi Module	Frequency
√	2.4GHz + 5GHz

System

CPU	RAM	Flash
4 Core	4 GB	32 GB ¹

OS

Android 9.0/Windows 10²

Note: 1. The available storage will be less than the stated value as pre-installed software takes up a certain amount of space.
2. To use Windows 10, an OPS plug-in computer is required.

Interface

Front-Panel Ports

USB Type-C x 1
USB Type-A 3.0 x 2

Side-Panel Ports

USB Type-A 3.0 x 1
USB Type-B x 1
HDMI IN x 2
HDMI OUT x 1
COM port x 1
RJ45 Network Port x 1
80-pin OPS Port x 1
3.5mm Line-in x 1
3.5mm Line-out x 1

Meeting

Third-Party Cloud Meeting App

√

Projection

Projection Mode	Projection Effect	Supported OS on Clients
IdeaShare Projection Code HDMI, USB Type-C wired Projection IdeaShare Key NFC/Projection through the Drop-down Menu	Wireless projection: up to 4K 30 fps Wired projection: up to 4K 60 fps	Android / Windows / iOS / macOS

Annotate during Projection

√

Reverse Control

√

Writing

Writing Latency	Precision	Intelligent Writing Recognition
≤25ms	±1mm	√

Whiteboard Saving Mode

QR code scanning/Email/Local storage/USB flash drive

Touch Sensing Distance

≤1.5mm

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