



# HUAWEI IdeaHub B2

## New Style Smart Office



HD cloud meetings | Intelligent whiteboard | Enterprise-class security



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# 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 Design

 **4K soft light screen and optical anti-blue light**  
Ambient light adaptation for optimal eye comfort

 **Centralized front panel ports**  
NFC, USB Type-C, USB 3.0, and power button

 **Integrated design**  
4K camera, microphones, and speakers

 **Advanced stylus pen**  
Anti-slip surface, anti-wear material, and magnetic attachment for smooth writing

 **Integrated design with ultra-narrow frame**  
Seamless zero-gap bonding and aerospace-grade nano coating

 **Dual-system one-tap switchover**  
Plug-free design



TÜV Rheinland Low Blue Light Certification  
TÜV Rheinland Eye Comfort Certification

\* 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.




# HD Cloud Conferencing


Enjoy simple, stable HD meetings with a fully-immersive video conferencing experience.




## Professional-grade 4K video camera

- 

4K 1.5  $\mu$ m image sensor


Low-noise and true-to-life images
- 

Huawei-developed imaging algorithm

TV distortion < 2% for natural images
- 


Circulating heat dissipation design

Consistent resolution even after long meetings



## 3D sound field for cinematic sound experience

550 cm3 ultra-large speaker | Max. 95 dB sound pressure level



## Clear sound pickup at a long distance

Six-microphone array | 10-meter sound pickup







# Dual Wi-Fi Design for Fast, Stable Projection

Dual Wi-Fi modules ensure no interference between internet connection and projection, USB Type-C driver-free projection for HD sharing, and reverse control for easier page turning and annotation.



## More projection methods

-  IdeaShare Key<sup>3</sup>
-  IdeaShare APP
-  USB Type-C and HDMI cables
-  NFC/Wireless projection from drop-down<sup>4</sup>

Note:

[1] NFC projection on a Huawei phone will only display notifications on your phone by default, including incoming calls, messages, and alarms.

[2] Reverse control on the IdeaHub is supported when projecting using the Type-C/HDMI cable, IdeaShare Key, IdeaShare app on a computer, and NFC/drop-down menu on a Huawei Phone.









[3] IdeaShare Key (USB Type-A) is compatible with Windows 7, macOS 10.13.6, and later versions; IdeaShare Key (USB Type-C) will be supported in later versions.

[4] Huawei phones support projection using the built-in NFC and the option from the drop-down menu. This feature is compatible with HUAWEI Mate 40 series phones running EMUI 11.0.0.135 or later, other Huawei phones running EMUI 11.0.0.150 or later, or phones running HarmonyOS 2.0.0. Upon the first use of the NFC projection, ensure that the IdeaHub can access the Internet.





# Intelligent Whiteboard for Smooth Writing

-  **25 ms low latency writing**  
AI handwriting tracking
-  **Multiple strokes**  
Pencils and brushes
-  **Intelligent writing<sup>1</sup>**  
Converting your handwriting and drawings to digital forms
-  **Multiple thickness settings**  
Optional pen thickness and unlimited color choices
-  **Annotation mode<sup>2</sup>**  
Insert snapshots in whiteboard to make annotations
-  **Multi-touch gestures**  
Select, move, zoom and erase
-  **Scan to take away<sup>3</sup>**  
Scan the QR code to take away whiteboard content
-  **Co-authoring**  
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] On the third-party app or web interface, tap Toolbar > Annotation at the bottom to make annotations. You can share and save the annotations.  
[3] Multiple methods are supported to scan the QR code to take the content away, including browser and self-built server.

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# Multi-Device Collaboration and Smart Office Ecosystem

The IdeaHub B2 has pre-installed office apps and dedicated IdeaHub app section; collaborating with various types of endpoints to achieve efficient cross-device collaboration.



# Customizable HiBoard and Bulletin Board

User-defined interfaces for infinite possibilities



## Bulletin Board for Enterprise Marketing

- Unified management and scheduled push based on regions and organizations
- Up to 50 images can be played in turn

## HiBoard as a Welcome Page

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





# IdeaManager

Intelligent, cost-efficient O&M



## Remote management of multiple devices

Basic device configuration and remote OTA updates



## Optimized overall monitoring

Device application usage statistics and fault inspection



## Automatic diagnosis using IdeaCare app

One-tap diagnosis of typical faults and remote assistance from professionals



# Enterprise-Class Security

Comprehensive information security protection

**Cloud-pipe-device-chip** full-link protection  
CCRC EAL2+ system security certification





# All-Scenario Smart Office Ecosystem



## Regular meeting room

Local workshop, remote meeting, and business meeting  
HD cloud conferencing | Dual Wi-Fi projection | Bidirectional collaboration | Intelligent whiteboard



## Exhibition and demonstration

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



## Open working area

Informal meeting, instant discussion, and team-building meeting  
Rolling stand | Low-latency writing | Multi-gesture erasing | Scan to take away



## Multi-purpose training room

Group discussion, employee development, simulation training, and live training  
Screen sharing | Group projection | Co-authoring | Dynamic annotation



## Executive office

Remote interview, employee debriefing, and CXO business meetings  
Aesthetic design | NFC | Privacy protection | IdeaHub Controller



## Study room

Remote working and hybrid learning  
4K display | Low writing latency | Massive applications | 3D stereo sound

# Technical Specifications

Product Name		HUAWEI IdeaHub B2			
	<b>Model</b>				
	65": IHB2- 65PU				
	75": IHB2- 75PU				
	86": IHB2- 86PU				
	<b>Product dimensions (H x W x D)</b>				
65": 1484.5mm × 91.6mm × 916.1mm					
75": 1705.7mm × 91.8mm × 1040.5mm					
86": 1953.0mm × 91.8mm × 1180.6mm					
<b>Package dimensions (H x W x D)</b>					
			65": 1650mm × 220mm × 1050mm		
			75": 1900mm × 220mm × 1170mm		
			86": 2090mm × 250mm × 1300mm		
		Jade white			
Note: Actual dimensions may vary depending on the configuration, manufacturing process, and measurement method.					

Component		
Device	Stylus pen	Cable
1	2	Power cable x 1
Rolling stand*	Wall-mounted bracket*	IdeaShare Key
Optional (65", 75", and 86")	Optional (65", 75", and 86")	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	Backlight type	Screen lamination
4K UHD (3840 x 2160)	D-LED	Zero-gap bonding
Viewing angle	Color depth	Color gamut
178°	10bit (8bit +FRC)	85% NTSC (typical value)

Screen refresh rate	Number of touch points
60Hz	20

Camera		
Zoom	Maximum angle of view	Video output resolution
2 x digital zoom	Horizontal: 80°/Vertical: 50°	4K
TV distortion	Aperture	
< 2%	F1.8	

Speaker		
Frequency domain	Speaker unit	Stereo
100Hz- 20kHz	2 x full frequency speaker + 2 x high-frequency speaker	√
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
4Core	4GB	32GB <sup>1</sup>
OS		
Android 9.0/Windows 10 <sup>2</sup>		
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	Side-panel ports	
USB Type-C x 1 USB Type-A 3.0 x 2	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	Touch sensing distance	
QR code scanning/Email/Local storage/USB flash drive	≤1.5mm	