



# HUAWEI IdeaHub

New Style **Smart Office**

IdeaHub Pro  
65" 86"



Superb  
Interactive Whiteboard

Professional Video  
Conferencing

Prosperous Cloud  
Ecosystem

# HUAWEI IdeaHub Overview

Incorporating intelligent handwriting recognition, UHD projection, video conferencing and open office applications, HUAWEI IdeaHub series is your new option for smart office in meeting room, open office area, executive room, home office and many other scenarios.



## Various Application Scenarios

Meeting room



Open office



Executive office



Home office





# Product Highlights

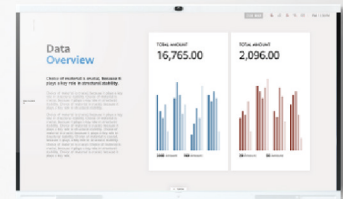


## Elegant Simplicity

- Modern user-centric design
- Gentle jade white frame
- Slender artistic stand

## 4K UHD Projection for Better User Experience

- Up to 4K resolution for smoother projection
- Higher-definition images and 4K H.265
- More accurate mouse-pointing and ultra-low cursor latency



## Superb Interactive Whiteboard with Ultra-low Latency

- Ultra-low writing latency and smooth writing experience
- Intelligent writing recognition, automatically converting handwriting into digital forms
- One tap to send minutes to your mailbox for higher efficiency



## Cloud Meeting Support, Easy to Use

- Support 3rd party cloud meeting service (OPS module required)
- Built-in HUAWEI CLOUD Meeting, hard codec, and one-click activation
- Seamless collaboration between PCs, phones, and IdeaHubs, allowing scanning to join a meeting (HUAWEI CLOUD Meeting)
- High network adaptability, 30% PLC for video, and 80% PLC for audio
- Cross-enterprise communication, virtual meeting rooms, supporting one-click to invite sites (HUAWEI CLOUD Meeting)



# Product Highlights

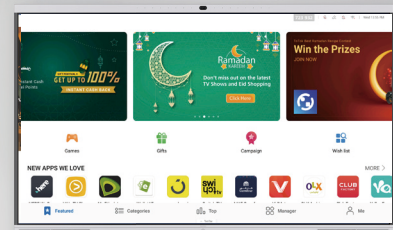


## Inclusive 4K & Intelligent Capabilities for Better Meeting Experience

- H.265 HD video and 4K content sharing
- Flexible layout with SVC multistream
- Auto-Framing
- Speaker tracking: automatically tracks the speaker and displays the close-up shot

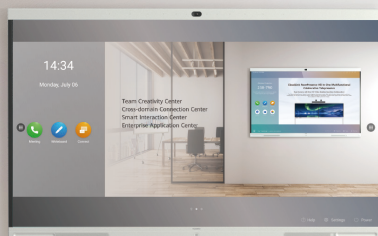
## Open Ecosystem, Enormous Apps

- Popular apps pre-installed and customizable homepage
- Private application portal and web app distribution



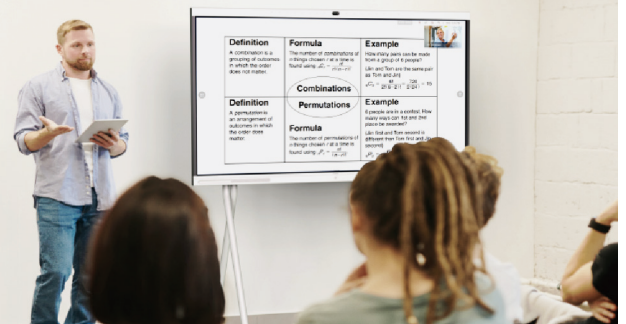
## Bulletin Board

- Company culture demonstration
- Real-time release of the company internal information in the bulletin
- Hierarchical content management for customization based on scenarios



## Open Software and Hardware for Industry Applications

- Windows platform extension, OPS: optional extension module for Windows
- Open SDK: allows 3rd-party to use hardware and audiovisual capability



# Technical Specifications

Technical Specifications–1		
Model	IdeaHub Pro	
Screen size	65"	86"
Components		
Main body	Codec, camera, microphone array, and speaker	
Stylus pen	2	
Cables	Network cables and power cables	
System		
CPU	Dual-chip 4-core@1.5 GHz + 4-core@1.8 GHz	
RAM	12 GB	
Flash	64 GB	
Intelligent computing power	4T FLOPS	
Screen		
Backlighting type	E-LED	D-LED
Resolution	4K	
Refresh rate	60 Hz	
Multi-touch	20 points	
Anti-reflection and glare	√	
Adaptive brightness	√	
Camera		
Resolution	4K30	
Auto voice tracking	√	
Auto-Framing	√	
Ultra-wide angle	80°	
Anti-fog, dust-proof, and anti-flicker	√	
Zoom	2 x digital zoom	
Speakers		
Frequency domain	40 Hz to 20 kHz	
Quantity	6	
Stereo audio	√	
Microphones		
Sound pickup distance	8 m	
Sound pickup angle	180° forward	
Quantity	12	
Frequency domain	20 Hz to 20 kHz	
Enhanced functions	Echo cancellation, noise suppression, auto gain control, and external microphones	
Ports		
Video input	1 x built-in camera 1 x HDMI (4K 30 fps) 1 x HDMI (4K 30 fps, external cameras) 1 x optional OPS input (4K 30 fps)	
Video output	1 x embedded monitor 1 x HDMI (1080p 60 fps)	

# Technical Specifications







Technical Specifications–2		
Model	IdeaHub Pro	
Screen size	65"	86"
Ports		
Audio input	12 x built-in microphone array 1 x 3.5 mm LINE IN 1 x HD-AI 1 x OPS input (optional) 1 x HDMI (audio input, conflicted with OPS)	
Audio output	6 x built-in speaker 1 x 3.5 mm LINE OUT 1 x HDMI (audio output)	
Other ports	2 x USB Type-A 1 x USB Type-B 1 x RJ45 (10/100/1000 Mbit/s LAN) 1 x RJ45 (for Touch)	
Electricity Supply Requirements		
Rated operating voltage	100 V to 240 V AC	
Operating frequency	50 Hz to 60 Hz	
Max. power	350 W	450 W
Environment Requirements		
Noise	≤ 46 dBA SPL	
Altitude	< 5000 m	
Temperature	IdeaHub: 0°C to 40°C, Touch: 0°C to 35°C (operating state) –20°C to + 60°C (non-operating state)	
Relative humidity	10% to 90% (operating state) 5% to 95% (non-operating state)	
Recommended illuminance	> 200 lux	
Min. illuminance	7 lux	
Certification		
Regulatory compliance	CCC, CE (RoHS, REACH, and WEEE), VCCI, Network Access License of MIIT, and Radio Type Approval Certification, CQC	
Dimensions and Weight		
Package dimensions (H x W x D)	1114 x 1720 x 246 mm	1411 x 2090 x 336 mm
Product dimensions (H x W x D)	931.1 x 1492.5 x 71mm	1195.1 x 1963.8 x 95 mm
Gross weight	62 kg	105.5 kg
Net weight	50 kg	90 kg
Note: The dimensions and weight may vary with configuration, manufacturing process, and measurement method.		
Communications Protocols		
Multimedia framework protocols	ITU-T H.323 and IETF SIP	
Audio codec protocols	AAC-LD mono/stereo, G.711A, G.711U, G.722, G.729A, G.722.1C, and OPUS	
Video codec protocols	H.265, H.264 SVC, H.264 HP, and H.264 BP	

# Technical Specifications

Technical Specifications–3		
Model	IdeaHub Pro	
Screen size	65"	86"
Communications Protocols		
Network transmission protocols	TCP/IP, RTP, RTCP, DHCP, DNS, SMTP, SNMP, SNTP, Telnet, SSH, HTTP, HTTPS, and TR-069	
Dual-stream protocols	ITU-T H.239 and BFCP	
Other communications protocols	H.225, H.235, H.241, H.245, H.281, H.460, RFC2833, LDAP, and LDAPS	
IP protocols	IPv4 and IPv6 dual stack	
Writing Specifications		
Smart writing	Support for recognition of English, Chinese, and 11 graphics	
Precision	±1 mm	
Writing latency	≤35 ms	
Whiteboard saving mode	QR code scanning, email, local, and USB flash drive	
Projection Specifications		
Projection mode	App free projection, DLNA projection, wired projection, and projection using app and IdeaShare Key	
Wireless projection effect	4K30fps	
Wired projection effect	4K60fps	
Conference Specifications		
Conferencing mode	Native conferencing	
Codec	H.265 1080p hardware codec	
Video resolutions	Min. H.264 bandwidth 1080p 30 fps    Min. bandwidth: 512 kbit/s 720p 60 fps    Min. bandwidth: 768 kbit/s 720p 30 fps    Min. bandwidth: 384 kbit/s Min. H.265 bandwidth 1080p 30 fps    Min. bandwidth: 384 kbit/s 720p 60 fps    Min. bandwidth: 512 kbit/s 720p 30 fps    Min. bandwidth: 256 kbit/s	
Content resolutions	Input: 1920 x 1080 24/25/30/50/60 fps 1920 x 1200 60 fps 3840 x 2160 25/30/50/60 fps Codec resolutions: 1080p (1920 x 1080) 1920 x 1200 4K (3840 x 2160) Output: 1920 x 1080 3840 x 2160	
Dual-stream resolutions	Video conferencing: 1080p 30 fps + 1080p 30fps 1080p 30 fps + 4K 8 fps Data conferencing: 1080p 30 fps 4K 8 fps	
Intelligent capabilities	Speaker tracking, acoustic baffle, and Auto-Framing	
Languages	Simplified Chinese, traditional Chinese, English, Spanish (Europe), French, Russian, Japanese, German, and Portuguese (Brazil), Italian	
Security	Embedded encryption chip that supports H.235, STARTTLS, TLS, SRTP encryption, and Chinese cryptographic algorithms	



# Subscription Information

Product Name	Appearance	Remarks
HUAWEI IdeaHub Pro 65 HUAWEI IdeaHub Pro 86		—
Mount	Appearance	Remarks
65 inch Rolling Stand		Optional for 65" model Complying with the VESA standard
86 inch Rolling Stand		Optional for 86" model Complying with the VESA standard
Wall Mount Bracket		Optional for 86" model, Complying with the VESA standard Optional for 65" model, Complying with the VESA standard
Optional Accessories	Appearance	Remarks
IdeaShare Key		—
CloudLink Touch		—

**Learn More>>>**



Intelligent Collaboration Website



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