

HiBoard-IA65-C

65" UHD Smart Interactive Whiteboard



Product Overview

HiBoard-IA65-C is Dahua's next generation smart interactive whiteboard. By incorporating multiple functions like video conferencing, intelligent digital collaboration, UHD projection, and open office applications in one integrated device, it can be widely used in meeting rooms, executive offices, exhibition halls, and many other scenarios.

Product Highlights

High Performance

The smart interactive whiteboard equips with high-performance CPUs (Quad-Core 64 bit, 2*CA73 + 2*CA53 architecture, Maximum support 1.5Ghz), GPU (Quad-Core G51), and large-capacity storage configuration (4G DDR4+ 32G storage configuration). Additionally, Android 8.0 system ensures powerful processing capability.

Dual-system Switchable

The smart interactive whiteboard supports the optional OPS module, which enables the operating system to be switched between Android and Windows without external network cable connection, thus facilitating system interaction. The built-in OPS power-off protection circuit ensures that OPS can be shut down normally when an abnormal power failure occurs, which accounts for the security of the system data.

Multifunctional Writing

The smart interactive whiteboard supports both single-point writing and multi-point writing. IR touchscreen technology and advanced processing algorithms ensure smooth writing. In single-point writing mode, the canvas can be zoomed in to provide sufficient writing space. Multi-point writing mode supports 20-point writing simultaneously. Meanwhile, smart interactive whiteboard supports other writing functions like flexible annotation, multiple ways of erase, and etc.

- 65-inch DLED 4K UHD module.
- Built-in 4K camera with up to 4K@30fps output.
- Built-in microphone with 8m pick-up distance and built-in loudspeaker.
- Narrow border design and breathing light.
- Multiple functions including video conference, wireless projection, electronic whiteboard, file management, fingerprint lock, etc.
- Optional OPS module, dual-system switchable.
- Supports projection via mobile phone, laptop, tablet, etc.

High Compatibility

The smart interactive whiteboard supports projection via types of terminals, such as laptop, mobile phone, iPad, and etc. A simultaneous display of 9-channel data is supported. Also, it supports reverse control from the interactive whiteboard.

Account Security

The smart interactive whiteboard supports up to 256 persons to login system via fingerprint. Logging in with fingerprint mitigates potential risk by providing fast, accurate accounting verification, allowing customer to focus on core business as soon as possible.

Technical Specification

Display

Dimensions	65-inch
Display Scale	16:9
Backlight	DLED
Resolution	3840 (H) × 2160 (V) (4K)
Visual Angle	89°/89°/89°/89°
Brightness	450cd/m ²
Contrast	1200:1

Touch

Touch Point	20
Touch Technology	IR
Writing Tools	Finger or Touch Pen. etc.
Response Time	< 10 ms
Touch Accuracy	1 mm

Camera

Pixel	8M
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Resolution Resolution	4K@30fps
Automation	Auto White-balance
Lens Distortion	≤5%
UVC Protocol	Support

Microphone

Pick-up Distance	8m
Quantity	8
Directional	Omnidirectional
Enhanced Functions	Echo Cancellation
	Smart Noise Filtering
	Auto Gain Control
	Voice Wake-up
	Keyword Recognition

Loudspeaker

Quantity	3
Power	15W × 2+15W
Frequency Domain	100~20khz

Interfaces

HD Video Interfaces	1*HDMI-F, 1*HDMI1(ARC),1* HDMI2, 1*HDMI OUT and 1*DP IN
Analog Video Interfaces	1*AV IN, 1* YPBPR and 1*VGA
Audio Interfaces	1* MIC IN, 1* LINE IN, 1*LINE OUT,1* EAR PHONE and 1* SPDIF
USB Interfaces	1*USB2.0 and 3*USB 3.0
Network Interfaces	2* GE RJ45 Interface 2.4G/5G dual-frequency WiFi, 802.11 a/b/g/n/ac
Other	1*Light Sensor, 2*TOUCH,1* RS-232, 1* POWER INPUT and 1* SWITCH ON/OFF

Android System

OS	Android 8.0
Configuration	Quad-Core, 32GB ROM

OPS (Optional)

Configuration	Optional Ultra-thin Pluggable PC Module and I5/I7 CPU
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Intelligent Writing

Writing Response	≤35ms
Multi-Points Writing	Support up to 20-point writing simultaneously
Multiple Operations	Erase, resize, move, drag, insert pictures, withdraw and recover
Multiple Erasures	Point erasure, circle erasure, touch erasure, and one-tap screen clearance
Meeting Minutes	Meeting minutes recording, saving, and sharing via scanning QR code or email
Flexible Annotation	Annotation on any contents from anywhere and at any interfaces
File Management	Create, Copy, Cut, Paste and Delete Files, Choose All Files, Ordering Files and etc.

Wireless Projection

One-tap Projection	One-tap wireless projection of content from personal devices like computer, mobile phone and tablet
Multiple Presenters	Support up to 16 devices connect to whiteboard simultaneously, and 9-split screen sharing
Reverse Control	Operations like slides turning on whiteboard also work on personal devices
Screen Extension	Drag target window to whiteboard for screen extension, more accurate and safe

Dahua Video Conferencing System (Available in H2/2021)

Video Conferencing System	Built-in professional cloud video conference	
Local Preview	Participants can preview local image before conferencing	
Conference Center	Users can start, join in or reserve a conference	
Conference Control	Host Venue	Host can start conference, switch on/off camera, microphone and speaklouder, invite participants and audience to join in conference, share or close presentation, switch layout, call to speak, close conference and etc.
	Participants Venue	Participants can switch on/off local camera, microphone and speaklouder, invite audience to join in conference, share or close presentation, apply for speaking, switch layout and etc.
	Audience Venue	Audience can watch the conference, apply for speaking (appear in conference only when speaking)
Standard Compatibility	Standard protocol, compatible with mainstream video conference brands	

Fingerprints

Quantity for Fingerprints Storage	256
Resolution Resolution	508DPI
Recognition Rate	<0.001%
Rejection Rate	<0.1%

Other Features

Welcome Interface	Users can edit the content, sign and write on the welcome screen
OPS Power-off Protection	OPS can shut down normally when abnormal power failure happens
HDMI OUT HDMI OUT	Output resolution can be 4K or 1080P

Certifications

EU	CE
US	FCC

Working Environment

Power Supply	100 V/AC – 240 V/AC, 50/60 Hz
Maximum Powe Consumption	150W
Standby Power Consumption	≤ 0.5W
Operating Temperature	-10° – 40°
Dimension Without Package	1504.5*952.2*86.1mm
Net Weight	44kg