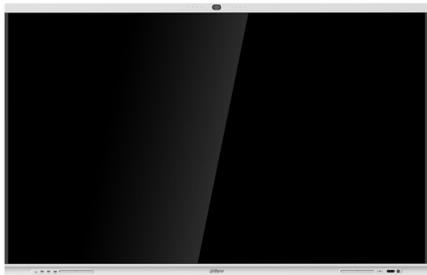


DHI-LPH65/75/86-MC420-C-S2

65/75/86 inch Smart interactive whiteboard



- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colors.
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system.
- Smooth writing experience, and handwriting recognition.
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security.
- Switches between Android and Windows, and OPS module is optional.
- Built-in AI 4K camera and 8 array microphone that produces excellent quality visual and audio communication.

Series Overview

Dahua DeepHub Smart Interactive Whiteboard for commerce has powerful processing capabilities up to 8 GB RAM and 64 GB storage capacity. It has a 4K LED display that is built of anti-dazzle tempered glass. The display comes in 65", 75" and 86". This ultra-thin whiteboard supports up to 50 writing points and is equipped with a 48 MP camera, speakers, 8 microphone arrays, and is touchscreen. It offers various functions such as video conferencing, writing on the whiteboard, wireless screen sharing and allows you to scan codes to access content on the whiteboard. It features wireless screen sharing, file management, HD display, scan & go, and more AI functions to enhance your experience. You can rely on this whiteboard to modernize your conference rooms.

Functions

4K HD Display

With up to 3840 × 2160 resolution, the 4K HD display delivers a clear image in sharp, vivid colors.

AI Recognition of Drawings

Identifies hand-drawn structures such as straight lines, arrow-straight lines, triangles, parallelograms, rectangles, pentagons, circles, cylinders, pentagrams, semicircles, and ellipse.

File Management

Supports managing and using Office files, image, video and audio files, and file formats such as PDF and TXT.

Screen Down Reachability

The system supports pulling down the screen to 1/2 the full height, to place the entire screen at a reachable distance for you.

Screen Sharing

The content on your screen can be freely shared with one other device through a wired connection.

Wireless Screen Sharing

In addition to basic file sharing, the device offers wireless screen sharing, interactive operations between two screens, and reverse transmissions. It also supports screen grouping (multiple transmission), host mode (for overall permission control), real-time transmission of images, videos and audios from the wireless camera of the mobile phone to the device, and split-screen mode that displays up to 9 splits on the same screen.

Hidden Antenna Design

The Wi-Fi and hotspot antenna is neatly concealed in the front of the device, ensuring the stability of the signal strength when using a flush mount, and giving the device its simple and sleek appearance.

Similar to Real Writing Experience

The electronic whiteboard supports pen-point writing. It comes equipped with writing pens, designed to enhance the writing experience. With its nib, writing on the whiteboard feels natural, similar to the real writing experience.

Scene

The whiteboard is ideal for use in indoor sites such as in meeting rooms, command centers, hospitals, banks and classrooms.

Technical Specification

Built-in System

Operating System	Android 11 (Requires OTA upgrade support to Android 13 Pro after release)
CPU	Quad-core A73 + Quad-core A53
GPU	ARM Mali-G52 MP8 (8EE)
RAM	8 GB
ROM	64 GB (Subsequent customization of 128G is possible)

LCD Panel

Panel Dimensions	65 inch; 75 inch; 86 inch
Backlight	DLED
Aspect Ratio	16:09
Brightness	65": 350nits(typ.) 75": 400nits(typ.) 86": 400nits(typ.)
Resolution	3840 × 2160
Viewing Angle	178° (H) / 178° (V)
Screen Type	IPS / VA
Display Color	1.07 B
Response Time	8 ms (typ.)
Color Gamut	90%NTSC

Device Ports

Light Sensor	Yes
Infrared Remote Control	Ordinary infrared remote control (0°: 10m+; 45°: 6m~8m; 67.5°: 3m~5m). 1) Android page flip (PPT, word, PDF) 2) Support volume adjustment
Front Ports	Type C × 1 (4K@60fps, Touch, USB data transfer, 5W charging) HDMI In × 1 (4K@60fps) USB 3.0 Type A × 2
Rear Ports	HDMI In × 2 (4K@60fps) USB 3.0 Type-B × 2 (Touch) HDMI Out × 1 USB 3.0 Type A × 2 Line in × 1 (3.5mm port) RS-232 × 1 RJ45 In × 1 RJ45 Out × 1 Audio In × 1 (3.5 mm port) Audio Out × 1 (3.5 mm port) SPDIF Out × 1

Function

NFC	Yes
IR Receiver	Yes
Bluetooth	Bluetooth 5.2
Wi-Fi	Integrated WiFi 802.11 b/g/n/ac/ax, band 2.4G & 5G; support wake-on-LAN; external plug-and-play, placed in a WiFi box, hot-swappable supported

Wireless Access Point

WiFi6 Module-SKI.WB00D0S-Dual-Band-1*1; integrated WiFi 802.11 b/g/n/ac/ax, band 2.4G & 5G (default 5G, switchable 2.4G); external plug-and-play, placed in a WiFi box, hot-swappable supported

Touchscreen

Touch Technology Type	Infrared touch technology
Attachment Method	Zero Air Gap
Response Time	≤5ms
Touch Points	50
Accurate writing of points	10 points (over 90% area)
Touch Accuracy	± 0.5mm (over 90% area)
Touch Height	Average ≤ 0.99mm
Writing Mode	Finger + Pen
Minimum Recognition Diameter	1.5mm (over 90% area)
Anti-light Interference	Anti-dazzle tempered glass

Speaker

Built-in Speaker	2
Power	2 × 20 W

Microphone

Built-in Mic	8
Pick-up Distance	12m
Intelligent Noise Filtering	Yes
Echo Cancellation	Yes

Camera

Pixel	48MP
Intelligent switching between Android and OPS	Yes
Distortion	≤8.6%

General

Power Consumption	65-inch: 200 W (max.) 75-inch: 300 W (max.) 86-inch: 400 W (max.)
Standby Power Consumption	≤0.5 W
Operating Temperature	0 °C to +40 °C
Storage Temperature	-20 °C to +60 °C
Glass	3.2 mm Anti-dazzle tempered glass
NFC	Yes

Certification

Certifications	CE (EMC/LVD/RED)/Erp/CB/Energy Star/WEEE/ROHS/TCO
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