

DHI-LCH65-MC420-B

Dahua 65" LED Interactive Smart WhiteBoard Screen

Product Overview

Dahua Interactive Smart WhiteBoard Screen - 65" Screen Size, LED Backlight, 16:9 Aspect Ratio, 3840 x 2160 Resolution, 60Hz Refresh Rate, Touchscreen, Up to 5ms Response Time, Infrared Touch Technology, Finger Plus Pen Writing Mode, 32767 x 32767 Touch Resolution, Android 14 OS, Quad-Core A55 CPU, 1.9GHz CPU Frequency, 8GB RAM, 64GB ROM, WiFi Dual-Band 2.4G/5G, Support Hotspot And Wi-Fi at the Same Time, Bluetooth Connectivity, 48 MP Camera, 4 MP Video, 2 Built-in Speaker, Retail Box



Specifications

About this product

The Dahua DHI-LCH65-MC420-B is a 65-inch 4K interactive smart whiteboard with a 3840 x 2160 resolution, 60Hz refresh rate and infrared touchscreen technology for responsive digital writing and collaboration. Powered by Android 14 with a quad-core A55 CPU, 8GB RAM and 64GB ROM, it supports finger and pen writing, dual-band WiFi, Bluetooth and built-in audio and camera functionality. Buy this Dahua interactive smart whiteboard from our website for a versatile solution for classrooms, boardrooms, training rooms and professional presentations in South Africa.

Overview Summary

The Dahua DHI-LCH65-MC420-B is a 65-inch interactive smart whiteboard designed for digital presentations, teaching, collaboration and professional communication. Its 4K UHD resolution of 3840 x 2160 pixels, 16:9 aspect ratio and 60Hz refresh rate provide a detailed display for presentations, documents, videos and interactive content.

The infrared touchscreen supports finger and pen writing with a touch resolution of 32767 x 32767, while the Android 14 operating system, quad-core A55 processor, 8GB RAM and 64GB ROM provide the built-in platform for interactive applications and content. Dual-band 2.4G/5G WiFi, simultaneous hotspot and WiFi support and Bluetooth connectivity provide flexible wireless connectivity for compatible devices.

Performance tier: Professional interactive display

Uses: classrooms, boardrooms, business presentations, training rooms, meetings, digital teaching, collaborative work, video communication

Overview

Dahua 65" 4K Interactive Smart Whiteboard: AI-Powered Collaboration Hub Transform meetings and classrooms with this

65-inch 4K UHD (3840x2160) IPS display, delivering vivid 350 cd/m² brightness, 1200:1 contrast, and 178degrees viewing angles, paired with 30W 2.0-channel speakers, an 8-array mic, and 48MP AI camera for crystal-clear video calls and audio. Powered by Android 14 on a 1.9GHz Quad-Core A55 CPU, Mali-G52 GPU, 8GB RAM, and 64GB storage, it excels in real-pen writing with pressure sensitivity, 32-point infrared touch, AI recognition of text/drawings (lines, shapes, arrows), Microsoft Office support, and secure QR file sharing with 6-digit encryption. Seamless wireless screen mirroring, split-screen (up to 9 views), screen grouping, and ports like dual HDMI 2.0, USB-C, RJ-45 WiFi 6, and Bluetooth 5.2 make it ideal for hybrid work-perfect for your tech-heavy environment with Windows compatibility via external modules.

Quick Specifications:

- Screen size: 65 inches
- Flat or curve: Flat
- Panel type: LED backlit display
- Aspect ratio: 16:9
- Resolution: 3840 x 2160
- Refresh rate: 60 Hz
- Brightness (nits): 350 nits
- Contrast ratio: 1200:1
- View angle (degrees): 178 degrees horizontal, 178 degrees vertical
- Response time (ms): Up to 5 ms
- Frequency (Hz): 60 Hz
- Sync: -
- Video ports: 2 x HDMI 2.0 input
- VESA: -
- Monitor performance tier: Professional interactive display
- Uses: classrooms, boardrooms, presentations, training rooms, meetings, digital teaching, collaboration

Strong reasons to buy

- 4K UHD display: The 3840 x 2160 resolution provides detailed visuals for presentations, documents, video and digital content.
- Interactive touchscreen: Infrared touch technology supports responsive interaction using a finger or pen.
- Smart Android platform: Android 14 with 8GB RAM and 64GB ROM provides a built-in smart operating environment.
- Flexible wireless connectivity: Dual-band 2.4G/5G WiFi, simultaneous hotspot and WiFi support and Bluetooth connectivity support a range of connected devices.
- Integrated camera and audio: The built-in 48 MP camera, 4 MP video capability and two speakers support communication and presentation applications.

Description

The Dahua DHI-LCH65-MC420-B Interactive Smart Whiteboard combines a large 65-inch touchscreen with a 4K UHD display and built-in smart computing hardware. Designed for environments where visual communication and interactive content are important, the display provides a large working area for presentations, teaching, meetings and collaborative sessions.

The 3840 x 2160 resolution and 16:9 aspect ratio provide detailed and spacious screen content, while the 60Hz refresh rate supports smooth presentation of compatible video and digital material. LED backlighting provides the display illumination required for everyday professional use.

Interactive operation is provided through infrared touch technology with a touch resolution of 32767 x 32767. The finger plus pen writing mode allows users to interact directly with the screen, making it suitable for writing notes, annotating presentations

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Product Specification Sheet

and working with interactive content.

The integrated Android 14 platform is powered by a quad-core A55 CPU running at 1.9GHz, supported by 8GB RAM and 64GB ROM. This provides a dedicated smart platform for compatible applications and digital content without requiring the display to function only as a conventional external monitor.

Wireless connectivity includes dual-band 2.4G/5G WiFi, with support for hotspot and WiFi operation at the same time, as well as Bluetooth connectivity. The built-in 48 MP camera, 4 MP video capability and two integrated speakers add useful communication and presentation functionality for suitable applications.

With its large interactive display, smart operating system, touchscreen functionality and integrated connectivity, the Dahua DHI-LCH65-MC420-B is suited to classrooms, training facilities, boardrooms, meeting spaces and other professional environments that require interactive digital presentation and collaboration.

Features

The Dahua DHI-LCH65-MC420-B combines a large 4K display with interactive touch functionality and smart computing features for professional presentation and collaboration.

- 65-inch large-format interactive display
- 3840 x 2160 4K UHD resolution for detailed visual content
- 16:9 widescreen aspect ratio
- 60Hz refresh rate
- LED backlight technology
- Infrared touchscreen technology
- Up to 5ms touchscreen response time
- 32767 x 32767 touch resolution
- Finger plus pen writing mode
- Android 14 operating system
- Quad-core A55 CPU with 1.9GHz frequency
- 8GB RAM for the smart platform
- 64GB ROM for built-in storage
- Dual-band 2.4G/5G WiFi
- Supports hotspot and WiFi at the same time
- Bluetooth connectivity
- Built-in 48 MP camera
- 4 MP video capability
- Two built-in speakers
- Suitable for presentations, teaching, meetings and collaborative work

What's in the Box

- 1 x Dahua DHI-LCH65-MC420-B Interactive Smart Whiteboard
- Retail box packaging

Specifications

- Brand: Dahua
- Model: DHI-LCH65-MC420-B
- Product type: Interactive Smart Whiteboard Screen
- Screen size: 65 inches
- Backlight: LED
- Aspect ratio: 16:9

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Product Specification Sheet

- Resolution: 3840 x 2160
- Refresh rate: 60 Hz
- Viewing angle: 178 degrees horizontal, 178 degrees vertical
- Response time: Up to 5 ms
- Touch technology: Infrared
- Writing mode: Finger plus pen
- Touch resolution: 32767 x 32767
- Operating system: Android 14
- CPU: Quad-core A55
- CPU frequency: 1.9 GHz
- RAM: 8 GB
- ROM: 64 GB
- WiFi: Dual-band 2.4G/5G
- WiFi functionality: Supports hotspot and WiFi at the same time
- Bluetooth: Supported
- Camera: 48 MP
- Video: 4 MP
- Built-in speakers: 2
- Video input: 2 x HDMI 2.0
- Brightness: 350 nits
- Contrast ratio: 1200:1
- Panel lifespan: 50000 hours or more
- Surface: Anti-dazzle tempered glass
- Surface hardness: 9H or higher
- Power supply: 100-240 VAC, 50/60 Hz

FAQ

What is the Dahua DHI-LCH65-MC420-B?

The Dahua DHI-LCH65-MC420-B is a 65-inch interactive smart whiteboard with a 4K UHD display, infrared touchscreen, Android 14 operating system and built-in camera and speakers.

What is the screen resolution of the Dahua DHI-LCH65-MC420-B?

The screen has a 3840 x 2160 4K UHD resolution with a 16:9 aspect ratio and 60Hz refresh rate.

Does the Dahua DHI-LCH65-MC420-B have touchscreen functionality?

Yes. It uses infrared touch technology with a 32767 x 32767 touch resolution and supports finger plus pen writing.

What operating system does the Dahua DHI-LCH65-MC420-B use?

The interactive whiteboard uses Android 14 and is powered by a quad-core A55 CPU running at 1.9GHz, with 8GB RAM and 64GB ROM.

Does the Dahua DHI-LCH65-MC420-B support WiFi?

Yes. The display supports dual-band 2.4G/5G WiFi and can support hotspot and WiFi at the same time.

Does the Dahua DHI-LCH65-MC420-B support Bluetooth?

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Product Specification Sheet

Yes. Bluetooth connectivity is supported for compatible wireless devices.

What camera is built into the Dahua DHI-LCH65-MC420-B?

The display includes a built-in 48 MP camera with 4 MP video capability for compatible communication and presentation applications.

How many speakers are built into the Dahua DHI-LCH65-MC420-B?

The interactive whiteboard has two built-in speakers for integrated audio output.

What are the common uses for the Dahua DHI-LCH65-MC420-B?

Common uses include classroom teaching, business presentations, boardroom meetings, staff training, collaborative work and interactive digital presentations.

Is the Dahua DHI-LCH65-MC420-B suitable for classrooms?

Yes. The large 65-inch 4K display, interactive infrared touchscreen, finger and pen writing support and Android 14 platform make it suitable for interactive teaching and classroom presentations.

Is the Dahua DHI-LCH65-MC420-B suitable for business meetings?

Yes. Its large interactive screen, wireless connectivity, built-in camera and integrated speakers make it suitable for presentations, meetings, training and collaborative business use.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/DHI-LCH65-MC420-B-Dahua-65-LED-Interactive-Smart-WhiteBoard-Buy-p-340674.php>

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