

DHI-LCH65-MC410-B-S2

65 inch



Series Overview

Dahua DeepHub Basic Series Smart Interactive Whiteboard features a powerful multi-core CPU with various ROM storage capacities. It adopts direct-type LED backlight technology and has a 4K LCD display, and utilizes advanced infrared touch technology for precise interaction and a smooth writing experience. Additionally, it comes with a variety of functions such as wireless screen sharing and file management, making it an excellent choice for modern education and conferences.

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, arrow-dotted lines, triangles, parallelograms, trapezoids, rectangles, pentagons, circles, cylinders, pentagrams, semicircles, and ellipse.

Easy to Share

Enhances the experience of sharing files by scanning a code. It automatically determines the network of the device to readily share the QR code across the extranet and the intranet. QR code encryption and extraction are also featured, providing privacy and data security through the required entry of a 6-digit password for verification.

File Management

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

- Displays in 4K Ultra HD and uses 4K UI.
- With its 2 built-in mid-high frequency speakers, the device supports 2.0-channel audio output, and its total power is 30 W. Microsoft Office and other related software can be installed, and it can play audio and video files in various formats.
- Offers a smooth writing experience through handwriting recognition, pen writing, its fast writing response speed, and pen pressure recognition.
- Support AI recognition of text and drawings.
- Seamlessly calls the camera and microphone of the whiteboard through its Type-C IN port and screen projector.

Similar to Real Writing Experience

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

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.

Technical Specification

Built-in System

| | |
|------------------|------------------------|
| Operating System | Android 14 |
| CPU | Quad-core A55 |
| CPU Frequency | 1.9 GHz |
| GPU | ARM Mali-G52 MP2 (2EE) |
| RAM | 8 GB |
| ROM | 64 GB |
| NFC | No |

Function

| | |
|-------------------------------------|-------------------|
| Operating System of External Module | Windows 7/8/10/11 |
| Wireless Access Point | YES |
| IR Receiver | 1 |

LCD Panel

| | |
|-----------------------|------------------------------|
| Screen Size | 65 inch |
| Backlight | LED |
| Aspect Ratio | 16:9 |
| Brightness | 350 cd/m ² (typ.) |
| Resolution | 3840 × 2160 |
| Viewing Angle | H: 178°; V: 178° |
| Lifespan | ≥50,000 hrs |
| Display Color | ≥72% NTSC |
| Refresh Rate | 60 Hz |
| Static Contrast Ratio | IPS: 1200 (typ.) |
| Response Time | ≤8 ms (typ.) |

Camera

| | |
|-----------------|---|
| Camera | Android: Photo: 48 MP; Video: 4 MP Windows: Photo: 4 MP; Video: 4 MP |
| Auto Control | Auto white balance |
| Distortion | ≤5% |
| Max. Resolution | 2560 × 1440@30 fps |
| Field of View | D: 88°, H: 79°, V: 51° |
| Face Detection | No |

Device Ports

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|--------------|---|
| Light Sensor | 1 |
| Front Button | 1 × power button |
| Front Ports | 1 × USB 2.0 |
| Rear Port | 1 × USB 3.2 Gen1 Type-A; 1 × USB 2.0 Type-A; 1 × Micro USB 2.0; 1 × DB9 male connector; 2 × HDMI 2.0 IN(4K@60 Hz); 1 × RJ-45; 1 × 3.5 mm Line out port; 1 × Touch port; 1 × Type-C(USB 2.0 device + 5 W charging) |
| Wi-Fi | Yes, 1 × Station, 1 × AP |

| | |
|------------------------------------|---|
| Wi-Fi Standard | Station: 802.11b/g/n/a/ac/ax AP: 802.11b/g/n/a/ac/ax |
| Wi-Fi Frequency Range | 2400–2483.5 MHz, 5150–5350 MHz, 5470–5725 MHz, 5725–5850 MHz |
| MAX Power Transmission (Wi-Fi) | ≤20 dBm@2400–2483.5 MHz; ≤23 dBm@5150–5250 MHz; ≤20 dBm@5250–5350 MHz; ≤27 dBm@5470–5725 MHz; ≤14 dBm@5725–5850 MHz |
| Bluetooth | Yes |
| Bluetooth Standard | BR/EDR/BLE, BT5.2 |
| Bluetooth Frequency Range | 2400–2483.5 MHz |
| MAX Power Transmission (Bluetooth) | ≤20 dBm@2400–2483.5 MHz |
| Others | 1 × Touch port |
| Microphone | 8 arrays |

Touchscreen

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|-------------------------|--|
| Touch Technology | Infrared |
| Attachment Method | Non-Lamination |
| Touch Points | Android: 32 points, Windows: 40 points |
| Valid Touch | 2 mm (0.1") (over 90% touch area) |
| Writing Mode | Finger + Pen (attaches magnetically) |
| Touch Height | ≤0.99 mm (Average) |
| Anti-light Interference | Anti-dazzle tempered glass |
| Surface Hardness | ≥9 H |
| Touch Resolution | 32767 × 32767 |

Speaker

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|------------------|--|
| Frequency | 150 Hz–20 kHz |
| Power | 2.0 sound channel, front-end: 2 × 15 W |
| Built-in Speaker | 2 |

Microphone

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|-----------------------------|---|
| Pick-up Distance | Long-range sound pickup: 8 m–12 m (26.25 ft–39.37 ft) |
| Number of Microphones | 8 arrays |
| AGC | Yes |
| Echo Cancellation | Yes |
| Polar Pattern | Omnidirectional |
| Intelligent Noise Filtering | YES |

General

| | |
|-----------------------|-------------------------------------|
| Power Supply | 100–240 VAC, 50/60 Hz |
| Power Consumption | 117.5 W (basic), 230 W (max) |
| Operating Temperature | 0 °C to +40 °C (+32 °F to +104 °F) |
| Storage Temperature | –20 °C to +60 °C (–4 °F to +140 °F) |
| Operating Humidity | 10%–90% (RH), non-condensing |
| Storage Humidity | 10%–90% (RH), non-condensing |
| Product Material | Metal casing |

Basic Series | DHI-LCH65-MC410-B-S2

| | |
|---------------------------|---|
| Protective Glass | 3.2 mm Anti-dazzle tempered glass |
| Casing Color (Frame/Rear) | The left and right sides are black, and the top and bottom are starry gray |
| Product Dimensions | 1,485.4 mm × 115.9 mm × 913 mm (58.5" × 4.6" × 36") (L × W × H) |
| Frame Size | Top border: 35.3 mm (1.4"), left and right borders: 17.5 mm (0.69"), bottom border: 40 mm (1.6") |
| Packaging Dimensions | 1,623 mm × 227 mm × 1,068 mm (63.90" × 8.94" × 42.05") (L × W × H) |
| Net Weight | 38 kg (83.8 lb) |
| Gross Weight | 43.9 kg (96.8 lb) |
| Holes Distance | 500 mm × 400 mm (19.69" × 15.75") |
| Installation | Wall mount; mobile bracket |
| Standby Power Consumption | ≤0.5 W |
| Packing List | <ul style="list-style-type: none"> 1 × Smart interactive whiteboard 1 × Wireless plug-in module 1 × Power cord 2 × Stylus pen 1 × Quick start guide 1 × Legal and regulatory information 1 × Wall mount bracket 1 × Accessory package 1 × Remote control |

Ordering Information

| Type | Model | Description |
|------------------------------|----------------------|------------------------------------|
| Smart interactive whiteboard | DHI-LCH65-MC410-B-S2 | 65 inch |
| Accessories (Optional) | DHI-PKP-UC10A | USB Camera |
| | DHI-PKC-MS1A | DHI-PKC-MS1A |
| | DHI-PKP-IP1A | Smart Pen |
| | DHI-PKC-MS0A | DHI-PKC-MS0A |
| | DHI-SP-PI7C75IS | Open Pluggable Specification |
| | DHI-SP-PI7C82IS | Open Pluggable Specification |
| | DHI-SP-PI5C75IS | Open Pluggable Specification |
| | DHI-PKC-WM1A | Omnidirectional Digital Microphone |
| | DHI-SP-PI5C82IS | Open Pluggable Specification |
| | DHI-PKC-MS0C | DHI-PKC-MS0C |
| | DHI-PKP-WP1B | Wireless transmitter |
| | DHI-SP-PI5C72IS | Open Pluggable Specification |

Accessories

Optional:



DHI-PKC-MS0A
DHI-PKC-MS0A



DHI-PKC-MS0C
DHI-PKC-MS0C



DHI-PKC-MS1A
DHI-PKC-MS1A



DHI-PKC-WM1A
Omnidirectional Digital
Microphone



DHI-PKP-IP1A
Smart Pen



DHI-PKP-UC10A
USB Camera



DHI-PKP-WP1B
Wireless transmitter



DHI-SP-PI5C72IS
Open Pluggable
Specification



DHI-SP-PI5C75IS
Open Pluggable
Specification



DHI-SP-PI5C82IS
Open Pluggable
Specification



DHI-SP-PI7C75IS
Open Pluggable
Specification



DHI-SP-PI7C82IS
Open Pluggable
Specification



