DHI-LCH65/75/86-MC410-B

65/75/86'' UHD Smart Interactive Whiteboard

- 4K UHD display that delivers a clear image in sharp, vivid colors.
- Android and Windows can be easily switched between (PC module is required for Windows OS).
- Wireless screen sharing from multiple devices, such as phones, computers, and tablets.
- Built-in office document and media files support.
- The startup apps and signal source are all customizable.
- Wireless and wired network connection.
- Embedded 5-MP camera and microphone.

System Overview

Dahua DeepHub Lite Series Smart Interactive Whiteboard has powerful processing capabilities with its built-in 4-core CPU, 4-core GPU, 4G RAM, 32G storage, and Android 9 OS.With a high-precision infrared touch sensor and a 4K DLED display, Dahua DeepHub will give you an extraordinary experience of writing, controlling, and content displaying. It features video conferencing, wireless screen sharing, UHD display, scan & go, etc., and will be your go-to choice to digitalize your office and classrooms.

Functions

Real Writing Experience

The intelligent whiteboard supports pen-point writing. With its Zero Air Gap technology and low latency, 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.

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.

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.

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 9.0
CPU	Quad-core A55
RAM	4 GB
ROM	32 GB

Function

Operating System of External Module	Windows 7/8/10; Android
WiFi	Dual-band 2.4 G/5 G
Wi-Fi Hotspot	Dual-band 2.4 G/5 G; supports enabling Hotspot and Wi-Fi at the same time

LCD Panel

Panel Dimensions	65-inch; 75-inch; 86-inch
Backlight	DLED
Aspect Ratio	16:9
Brightness	65-inch: 350 cd/m²; 75-inch: 350 cd/m²; 86-inch: 350 cd/m²
Resolution	3840 (H) × 2160 (V)
Viewing Angle	H: 178°; V: 178°
Lifespan	50,000 hours
Refresh Rate	60 Hz
Static Contrast	1200:1
Dynamic Contrast	6000:1

Camera

Pixel	5MP
Auto Control	Auto white balance
Distortion	≤5%
Max. Resolution	Android: 1920 × 1080@30 fps OPS: 2560 × 1440@30 fps
Field of View	H: 79°; V: 51°; D: 88°

Device Ports

Light Sensor	1
Front Button	1 × power button (right side)
Front Ports	1 × USB 3.0 (left side)
Network Port	1 × RJ-45
Wi-Fi	1 × Wi-Fi; 1 × Hotspot
USB	3 × USB 3.0; 1 × Micro USB
RS-232	1 × RS-232
Video Input	1 × HDMI IN
Audio Output	1 × 3.5 mm (Line OUT) port
Others	1 × Touch
IrDA	1

Touchscreen

Touch Technology Type	Infrared touch technology
Response Time	<10 ms
Touch Points	20
Valid Touch	2 mm
Writing Mode	Finger + Pen
Touch Resolution	32767 × 32767

Speaker

Power	Full frequency: 15 W × 2
Built-in Speaker	2

Microphone

Pick-up Distance	Far-field sound pickup: 6 m–8 m (19.69 ft–26.25 ft)
Number of Microphones	2
AGC	YES
Echo Cancellation	YES
Polar Pattern	Omnidirectional
Intelligent Noise Filtering	YES

General

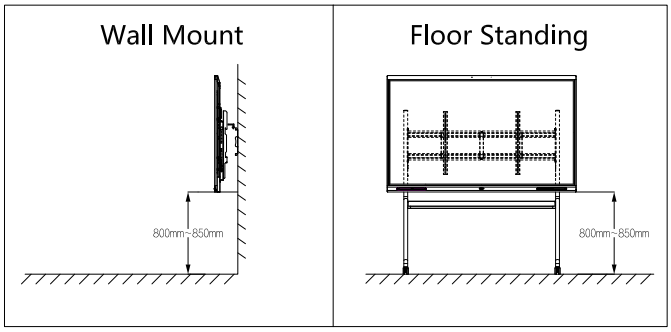
Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	65-inch: 250 W; 75-inch: 300 W; 86-inch: 400 W
Standby Power Consumption	0.5 W
Operating Temperature	–10 °C to +45 °C (+14 °F to +113 °F)
Storage Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Operating Humidity	10%–90%
Storage Humidity	10%–90%
Product Material	Metal casing
Glass	Anti-dazzle tempered glass with a hardness of 7 on the Mohs scale
Glass Thickness	3mm
Casing Color (Frame/Rear)	Bottom: Silver; top/left/right: black
Product Dimensions	65-inch (with camera): 1,485 mm × 87 mm × 941 mm (58.46" × 3.43" × 37.05") 75-inch (with camera): 1,707 mm × 87 mm × 1,066 mm (67.2" × 3.43" × 41.97") 86-inch (with camera): 1,953 mm × 87 mm × 1,205 mm (76.89" × 3.43" × 47.44")
Packaging Dimensions	65-inch: 1,587 mm × 225 mm × 1,070 mm (62.48" × 8.86" × 42.13") 75-inch: 1,810 mm × 235 mm × 1,189 mm (71.26" × 9.25" × 46.81") 86-inch: 2,056 mm × 235 mm × 1,334 mm (80.94" × 9.25" × 52.52")
Net Weight	65-inch: 38 kg (83.8 lb) 75-inch: 54 kg (119.1 lb) 86-inch: 64 kg (141.1 lb)

Gross Weight	65-inch version: 46 kg (101.41 lb) 75-inch version: 65 kg (143.30 lb) 86-inch version: 77 kg (169.77 lb)
Mounting Hole Dimensions	65-inch: 500 mm × 400 mm (19.69'' × 15.75'') 75-inch: 600 mm × 400 mm (23.62'' × 15.75'') 86-inch: 750 mm × 400 mm (29.53'' × 15.75'')
Packing List	Smart interactive whiteboard: × 1 Power cord: × 3 (EU/US/UK) Stylus pen: × 2 Quick start guide: × 1 Wall mount bracket (already installed on the whiteboard) : × 1 Accessory package: × 1 Remote control: × 1

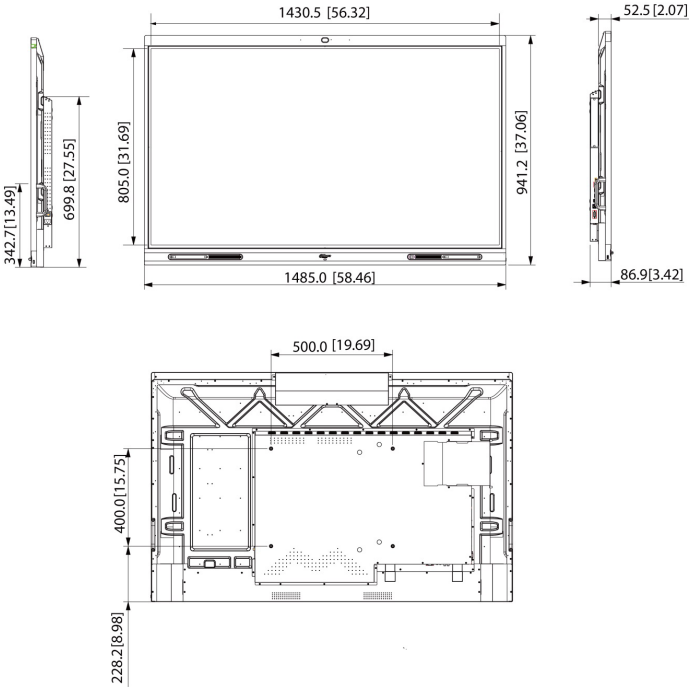
Ordering Information

Type	Model	Description
65–inch Smart Interactive Whiteboard	DHI-LCH65-MC410-B	Smart Interactive Whiteboard DHI-LCH65-MC410-B
75–inch Smart Interactive Whiteboard	DHI-LCH75-MC410-B	Smart Interactive Whiteboard DHI-LCH75-MC410-B
86–inch Smart Interactive Whiteboard	DHI-LCH86-MC410-B	Smart Interactive Whiteboard DHI-LCH86-MC410-B
Accessories (Optional)	DHI-PKP-IP0A	Smart Pen
	DHI-PKP-WP0B	Wireless Screen Sharing Cable
	DHI-MC-PI5681IL	PC module I5–6400 + 8 GB + 128 GB
	DHI-MC-PI7682IL	PC module I7–6700 + 8 GB + 256 GB
	DHI-MC-PI5881IL	PC module I5 8 GB + 128 GB
	DHI-MC-PI5882IL	PC module I5 8 GB + 256 GB
	DHI-PKC-MS0A	65''/75'' Interactive Whiteboard Mobile Stand
	DHI-PKC-MS1A	86'' Interactive Whiteboard Mobile Stand
	DHI-PKC-MS0C	65''/75'' Interactive Whiteboard Liftable Mobile Stand
	DHI-PKC-MS0B	65''/75'' Interactive Whiteboard Mobile Stand
	DHI-PKC-MS1B	86'' Interactive Whiteboard Mobile Stand

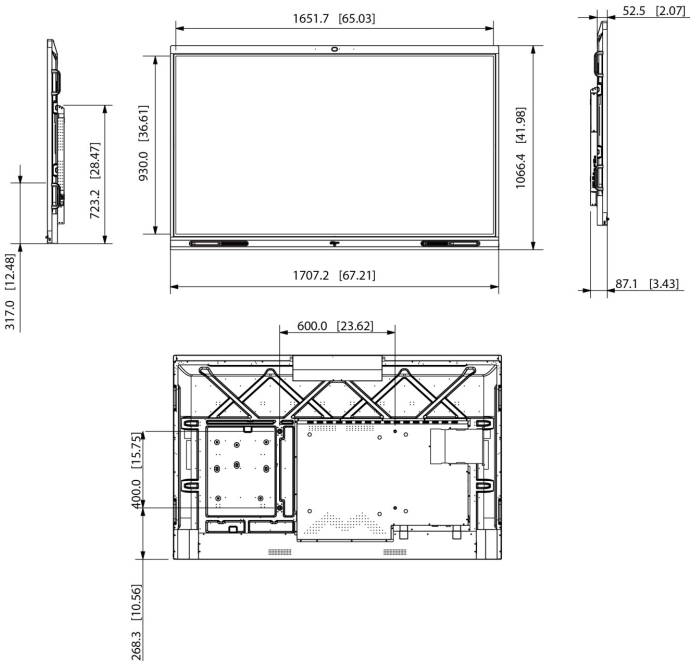
Installation



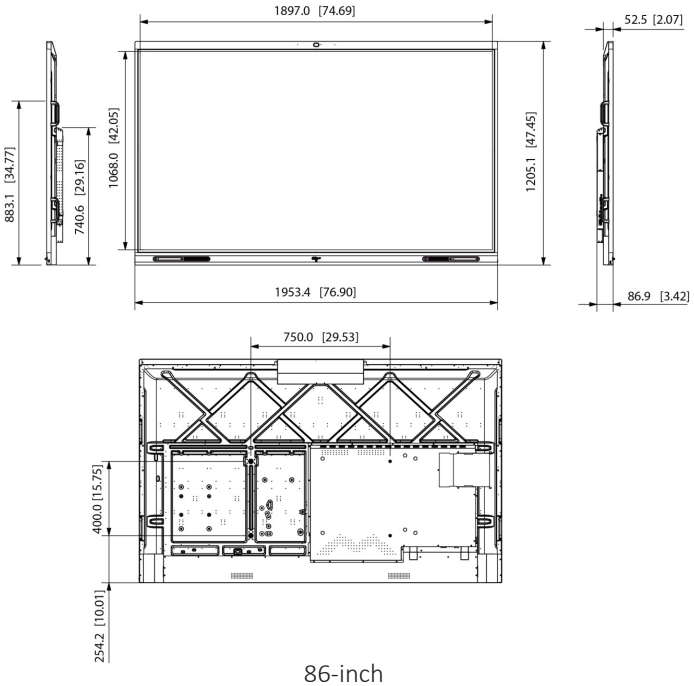
Dimensions (mm[inch])



65-inch



75-inch



86-inch

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