DHI-LPH65/75/86-MT440-C
65/75/86'' UHD Smart Interactive Whiteboard

- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colors.
- Built-in 8-MP camera and microphone array that produces excellent quality visual and audio communication.
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system.
- Pressure and tilt sensitive stylus designed for a smooth, natural writing experience.
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security.
- Optional OPS module, dual-system switchable.
- Fingerprint lock for protection of user information.

System Overview

With Android 8.0 embedded in its design, Dahua Smart Interactive Whiteboard has powerful processing capabilities with its 4-core CPU, 4-core GPU, and 4G 32G storage capacity. Equipped with a high-precision infrared frame with a 2 mm identification diameter and a 4K high-definition DLED module, this whiteboard will give you an extraordinary experience whether you are writing, controlling or displaying content. It features video conferencing, wireless screen sharing, file management, HD display, scan & go and more. Rely on this whiteboard to modernize your meeting room, and make your meetings more efficient.

Functions

4K Camera with Ultra-wide FOV
8-MP camera with a maximum resolution of 4K@30 fps. It supports live view, and has an ultra-wide field of view (diagonal 112.7°, horizontal 104°, and vertical 70.2°), capturing vivid details even in relatively large meeting rooms.

Hidden Antenna Design
The Wi-Fi and hotspot antenna has a front hidden design, which is not only beautiful and simple, but also ensures the stability of the signal strength when using a flush mount.

Wireless Screen Sharing
In addition to basic file share, wireless screensharing and reverse control, it also supports screen grouping (multiple transmission), real-time transmission of wireless camera picture and sound from the mobile phone, host mode (for overall authority control) and split-screen mode that displays up to 9 spilts on the same screen.

Real Writing Experience
The smart interactive whiteboard supports tilt sensitivity 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.

Strong System Security
Supports digital password, gesture password and fingerprint password for added protection. These unlock methods can all be applied to USB permissions, the lock screen, touch lock and factory restore settings. Up to 256 fingerprint passwords can be set, and the system supports fingerprint resolution 508 DPI. The false acceptance rate is less than 0.001%, and the false rejection rate is less than 0.1%.

Easy to Share
Enhances the experience of sharing files by scanning a code. It automatically determines the device network 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 random password for verification.

Scene

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

Technical Specification

Built-in System

Operating System	Android 8.0
CPU	Dual-core A53 + dual-core A73
CPU Frequency	1.5 GHz
GPU	Mali-G51
RAM	4 GB
ROM	32 GB

LCD Panel

Panel Dimensions	65-inch; 75-inch; 86-inch
Brightness	65-inch: 350 cd/m2; 75-inch: 400 cd/m2; 86-inch: 400 cd/m2
Static Contrast	VA: 4000 (typ.); IPS: 1200 (typ.)
Display Color	1.07 B/10 bit (8 bit + FRC)
Refresh Rate	60 Hz
Response Time	8 ms (typ.)
Resolution	3840 (H) × 2160 (V)
Aspect Ratio	16: 9
Backlight	DLED
Lifespan	30,000 hours
Viewing Angle	H: 178°; V: 178°

Touchscreen

Touch Technology Type	Infrared touch technology
Touch Points	20
Writing Mode	Finger + Pen
Response Time	<10 ms
Valid Touch	2 mm
Communication Mode	USB
Touch Resolution	32767 × 32767
Number of Multi-user Writing Points	2
Anti-light Interference	Anti-dazzle tempered glass
Surface Hardness	8H

Camera

Pixel	8 MP (live view)
Auto Control	Auto white balance
Distortion	≤5%
Max. Resolution	4K@30 fps
Field of View	H: 104°; V: 70.2°; D: 112.7°

Speaker

Built-in Speaker	3
Power	Full frequency: 15 W × 2; bass: 15 W × 1

Microphone

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

Fingerprint

Fingerprint Capacity	256
Fingerprint Resolution	508 DPI
FAR	<0.001%
FRR	<0.1%

Function

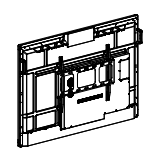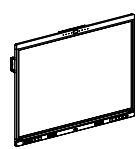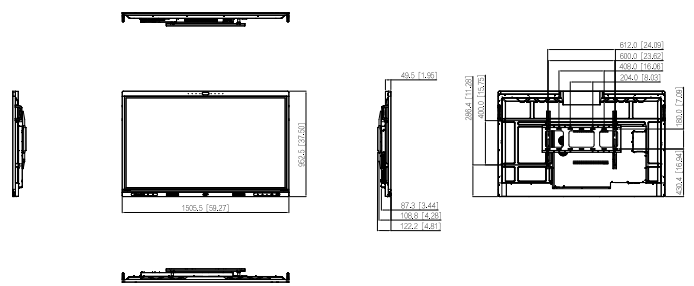|	
Operating System of External Module	Windows 7/8/10;Android
WiFi	Dual-band 2.4G/5G
Wi-Fi Hotspot	Dual-band 2.4G/5G; supports enabling Hotspot and Wi-Fi at the same time

Device Ports

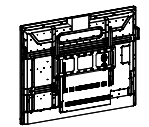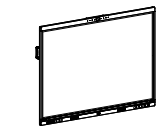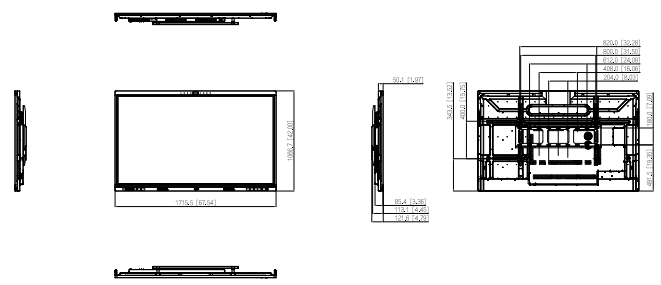|	
Light Sensor	1
Front Button	1 × power button
Front Ports	1 × HDMI IN; 1 × touch; 2 × USB3.0
Network Port	2 × RJ-45
Wi-Fi	1 × Wi-Fi; 1 × Hotspot
USB	3 × USB3.0; 1 × USB2.0
RS-232	1 × RS-232
Video Input	3 × HDMI IN; 1 × DP; 1 × MINI AV IN; 1 × MINI YPBPR; 1 × VGA IN
Video Output	1 × HDMI OUT
Audio Input	1 × 3.5 mm; 1 × MIC IN
Audio Output	1 × 3.5 mm (EarPhone OUT); 1 × SPDIF
IrDA	1
Others	2 × Touch

General

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	65-inch: 140 W (typ.); 150 W (max.); 75-inch: 170 W (typ.); 300 W (max.); 86-inch: 250 W (typ.); 400 W (max.)

Product Dimensions	65-inch: 1,504.5 mm × 952.5 mm × 86.1 mm (59.23" × 37.5" × 3.39"); 75-inch: 1,715.5 mm × 1,066.7 mm × 85.4 mm (67.54" × 42.00" × 3.36"); 86-inch: 1,960.8 mm × 1,204.7 mm × 85.4 mm (77.20" × 47.43" × 3.36")
Packaging Dimensions	65-inch: 1,660 mm × 1,045 mm × 245 mm (65.35" × 41.14" × 9.65") 75-inch: 1,880 mm × 1,160 mm × 280 mm (74.02" × 45.67"" × 11.02") 86-inch: 2,140 mm × 1,340 mm × 280 mm (84.25" × 52.76" × 11.02")
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
Casing Color (Frame/Rear)	Bottom: Space gray; top/left/right: black
Net Weight	65-inch: 44 kg (97.00 lb) 75-inch: 54 kg (119.05 lb) 86-inch: 66.75 kg (147.16 lb)
Gross Weight	65-inch: 56 kg (123.46 lb) 75-inch: 71.5 kg (157.63 lb) 86-inch: 87.05 kg (191.91 lb)
Installation	Wall mount; floor-standing
Standby Power Consumption	≤0.5 W
Packing List	Whiteboard × 1, wall mount bracket × 2 (installed on the device), remote control × 1, double-end stylus pen × 2, quick start guide × 1, certificate × 1, power cord × 3 (European standard, UK standard and US standard), pack of expansion screws for wall mount (blue zinc-plated) × 1
Certifications	CE; FCC

Dimensions (mm[inch])

65-inch

75-inch

Installation

Wall Mount	Floor Standing

86-inch

Panels