

DHI-LPH65/75/86/98-SC470

65/75/86/98 inch Smart interactive whiteboard



Series Overview

Dahua DeepHub Smart Interactive Whiteboard for Education has powerful processing capabilities with its 8-core CPU, 8 GB RAM and 128 GB ROM capacity. Equipped with a $\phi 2$ mm high-precision IR frame and 4K high-definition DLED, this series of whiteboards will give you an extraordinary experience whether you are writing, controlling or displaying content. It features wireless screen sharing, file management, high-definition display, Scan & Go, and more. You can rely on this whiteboard to modernize your classrooms.

Functions

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.

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.

- The 65/75/86/98-inch 4K DLED display and is built of anti-glare tempered glass, which reduces air refraction and parallax, and enhances the effect of the display.
- Built-in 13 MP pixel HD camera.
- Built-in 6-array omnidirectional microphone that picks up audio 8 meters away.
- Features auto noise reduction and auto gain.
- Two built-in 15 W speakers that support stereo playback.
- Easily switches between Android and Windows. The PC module requires Windows.
- Performs screen mirroring with one-click for phones, computers, tablets and more.
- Supports reverse touch.
- Supports taking notes and generating QR codes for file sharing and storage. The files can be easily encrypted for privacy and security protection.

Similar to Real Writing Experience

The electronic whiteboard supports pen-point writing. It comes equipped with specialized 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.

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 4-digit password for verification.

Text Recognition

Converts written letters into text in real time, using the default font of the system.

AI Recognition of Drawings

Identifies hand-drawn structures such as straight lines, triangles, parallelograms, trapezoids, rectangles, circles, pentagrams, and ellipse.

File Management

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

Scene

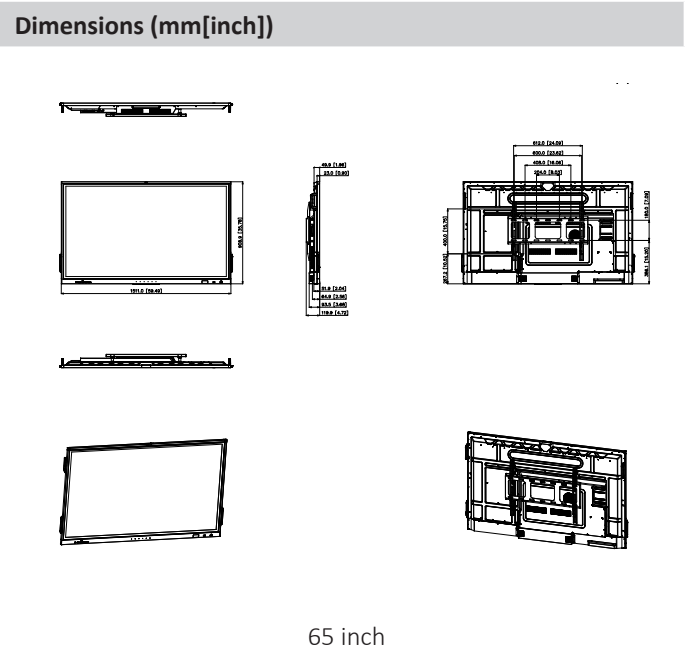
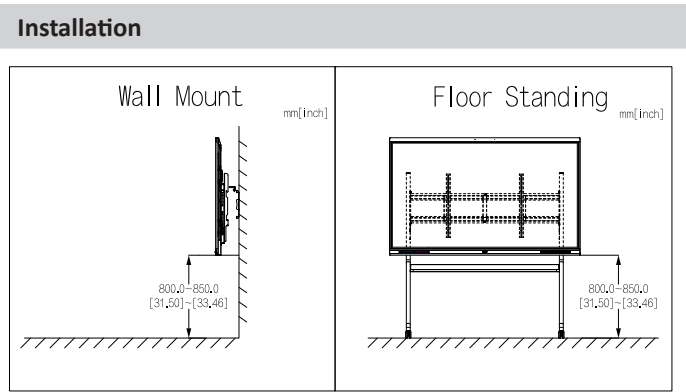
The whiteboard is ideal for indoor sites such as meeting rooms and classrooms.

Technical Specification	
Built-in System	
Operating System	Android 13.0
CPU	Quad-core A73 + Quad-core A53
CPU Frequency	2.2GHz + 2.0GHz
GPU	MaliG52 MP8
RAM	8 GB
ROM	128 GB
LCD Panel	
Panel Dimensions	65"/75"/86"/98"
Backlight	D-LED
Aspect Ratio	16:9
Brightness	65-inch:300cd/m²(typ.) 75-inch:350cd/m²(typ.) 86-inch:350cd/m²(typ.) 98-inch:450cd/m² (typ.)
Static Contrast	VA: 4000 (typ.); IPS: 1200 (typ.)
Resolution	3840 (H) × 2160 (V) (pixels)
Viewing Angle	178° (H); 178° (V)
Lifespan	50,000 h
Display Color	1.07 B/10 bit (8 bit + FRC)
Response Time	8 ms (typ.)
Refresh Rate	60 Hz
Camera	
Camera	13 MP
Distortion	TV Distortion: < 1%
Max. Resolution	4160 × 3120
Field of View	H: 85.4°; V: 73.1°; D: 57.8°
Device Ports	
Light Sensor	Yes
Front Button	1 buttons (power)
Front Ports	Type C × 1 (4K@60 Hz, Touch, 65 W) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2
Others	Type C × 1 (4K@60 Hz, Touch, 15 W) HDMI In × 2 (4K@60 Hz) VGA In × 1 (1080p@60 Hz) DP In × 1 (4K@60 Hz) USB 3.0 Type-B × 3 (Touch) HDMI Out × 1 USB 3.0 Type A × 2 USB 2.0 Type A × 1 TF Card × 1 RS-232 × 1 RJ-45 In × 1 RJ-45 Out × 1 Audio In × 1 (3.5 mm port, used to play sound with VGA) Mic In × 1 (3.5 mm port) Audio Out × 1 (3.5 mm port) SPDIF Out × 1 (Optical port) OPS slot × 1

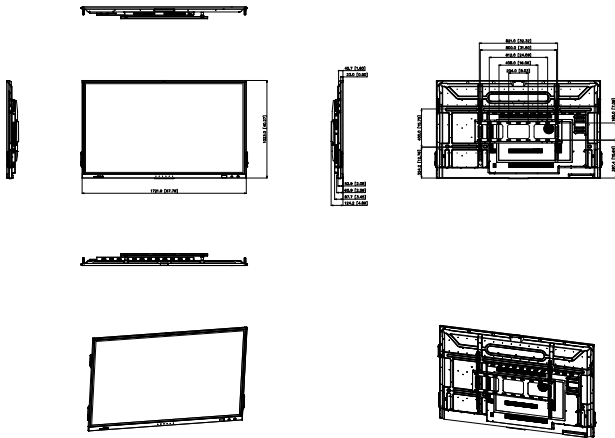
Function	
Card Swiping with NFC	Yes
Wi-Fi	Yes
Wi-Fi Standard	802.11b/g/n/a/ac/ax
Wi-Fi Frequency Range	2400–2483.5 MHz, 5150–5350 MHz, 5470–5725 MHz, 5725–5850 MHz
MAX Power Transmission (Wi-Fi)	CE EIRP: ≤20 dBm@2400–2483.5 MHz; ≤23 dBm@5150–5250 MHz; ≤20 dBm@5250–5350 MHz; ≤27 dBm@5470–5725 MHz; ≤14 dBm@5725–5850 MHz FCC output power: ≤30 dBm@2400–2483.5 MHz; ≤24 dBm@5150–5250 MHz; ≤24 dBm@5250–5350 MHz; ≤24 dBm@5470–5725 MHz; ≤30 dBm@5725–5850 MHz
Bluetooth	Yes
Bluetooth Standard	BR/EDR/BLE (Bluetooth mode), BT5.0 / BT5.2 / BLE4.2 (Bluetooth version)
Bluetooth Frequency Range	2400–2483.5 MHz
MAX Power Transmission (Bluetooth)	CE EIRP: ≤20 dBm@2400–2483.5 MHz; FCC output power: ≤30 dBm@2400–2483.5 MHz
RFID Modulation Method	ASK
RFID Frequency Range	13.56 MHz
MAX Power Transmission (RFID)	13.56 MHz: 42 dBuA/m @10 m
Touchscreen	
Touch Technology Type	Infrared touch technology
Response Time	8 ms (typ.)
Touch Points	40 Points
Valid Touch	± 1 mm (± 0.04")
Writing Mode	Finger; IR Pen
Communication Mode	USB 2.0
Anti-light Interference	Yes
Surface Hardness	8H (tempered glass)
Touch Resolution	32768 × 32768
Speaker	
Built-in Speaker	2
Power	2 × 15 W
Frequency	F0–15 kHz deviation–10 dB Max
Microphone	
Microphone	6 arrays
Pick-up Distance	8 m (26.25 ft); angle: 45°–135°
AGC	Yes
Echo Cancellation	Yes

Intelligent Noise Filtering	Yes
General	
Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	65-inch:250W(MAX) 75-inch:380W(MAX) 86-inch:460W(MAX) 98-inch:480W(MAX)
Standby Power Consumption	<0.5 W
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	–10 °C to +60 °C (14 °F to 140 °F)
Operating Humidity	20%–80% (RH), non-condensing
Storage Humidity	10%–80% (RH), non-condensing
Product Material	Metal
Glass	65/75/86-inch: 3.2 mm anti-dazzling tempered glass (0.13" anti-dazzling tempered glass) 98-inch: 4.0 mm anti-dazzling tempered glass (0.16" anti-dazzling tempered glass)
Casing Color (Frame/Rear)	Black and Dark Grey /Black
Product Dimensions	65-inch:1,511 mm × 915 mm × 95.2 mm (59.49" × 36.02"× 3.75") (L × W × H) 75-inch:1,721.9 mm x 87.4 mm x 1,023 mm (67.79" × 3.44" × 40.28") (L × W × H) 86-inch:1,967.33 mm x 89.65 mm x 1,161.15 mm (77.45" × 3.53" ×45.71") (L × W × H) 98-inch:2,237.9 mm x 106.2 mm x 1,318.8 mm (88.11" × 4.18" × 51.92") (L × W × H)
Frame Size	65-inch:U: 16.8 mm, L/R: 15.5 mm, D: 42.3 mm (U: 0.66"; L/R: 0.61"; D: 1.67") 75-inch:U: 16.8 mm, L/R: 15.5 mm, D: 42.3 mm (U: 0.66"; L/R: 0.61"; D: 1.67") 86-inch:U: 16.8 mm, L/R: 15.5 mm, D: 42.3 mm (U: 0.66"; L/R: 0.61"; D: 1.67") 98-inch:U: 18.6 mm, L/R: 18.8 mm, D: 44.3 mm (U: 0.73"; L/R: 0.74"; D: 1.74")
Packaging Dimensions	65-inch:1,660 × 245 × 1,045mm(65.4" ×9.6" × 41.1") 75-inch:1,880 mm × 280 mm × 1,160 mm (74.02" × 11.02" × 45.67") 86-inch:2,140 × 280 × 1,340mm(84.3" × 11" × 45.7") 98-inch:2505 × 415 × 1620mm(98.6" × 16.3" × 63.8")
Net Weight	65-inch:41.5 Kg (91.49 lb) 75-inch:50.5 kg (111.33 lb) 86-inch:64.2 Kg (141.54 lb) 98-inch:110 Kg (242.51 lb)
Gross Weight	65-inch:54.65 Kg (120.48 lb) 75-inch:68 kg (149.91 lb) 86-inch:84.5 Kg (186.29 lb) 98-inch:159.3 Kg (351.20 lb)
Packing List	Smart interactive whiteboard × 1 Power cord × 1 Passive stylus pen × 2 HDMI cable × 1 USB touch cable × 1 Wall mount bracket (already installed on the whiteboard) × 1 Accessory package × 1 Remote control × 1

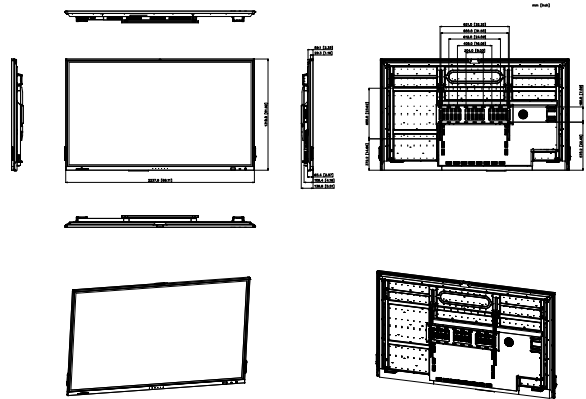
Installation	Wall mount;mobile bracket
Certification	
Certifications	CE



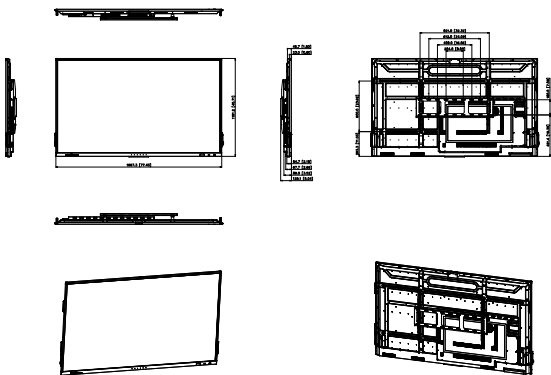
65 inch



75 inch

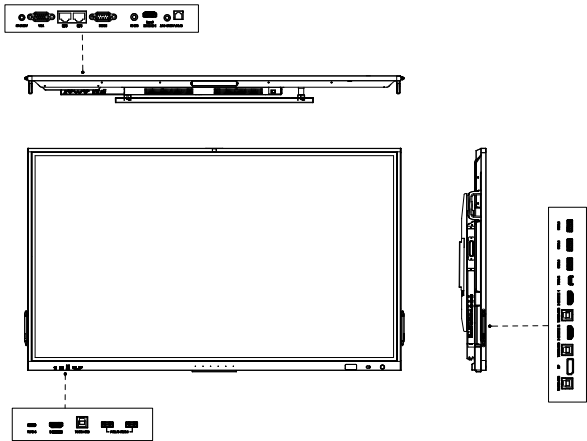


98 inch



86 inch

Panels



65/75/86/98 inch