DHI-LPH65/75/86-MC480

65/75/86 inch Smart interactive whiteboard



- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colors.
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system.
- 5 physical front buttons for quick access to functions.
- Smooth writing experience, and handwriting recognition.
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security.
- Switches between Android and Windows, and OPS module is optional.

Series Overview

Dahua DeepHub Smart Interactive Whiteboard for commerce has powerful processing capabilities with its 8-core CPU and up to 8 GB RAM and 128 GB 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 with writing, controlling the whiteboard and displaying content on it. It features wireless screen sharing, file Management, HD display, scan & go, and more AI functions to enhance your experience. You can rely on this whiteboard to modernize your Conference rooms.

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.

File Management

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

Screen Down Reachability

The system supports pulling down the screen to 1/3 the full height, to place the entire screen at a reachable distance for you.

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.

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.

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.

Scene

The DeepHub Ultimate for commercial series is ideal for use in conference rooms and other indoor sites.

Technical Specification

Built-in System

Operating System	Android 13
CPU	Quad-core A76+Quad-core A55
RAM	8 GB
ROM	128 GB

LCD Panel

Panel Dimensions	65 inch; 75 inch; 86 inch
Backlight	D-LED
Aspect Ratio	16:09
Brightness	400 cd/m² (typ.)
Contrast	4000:1
Resolution	3840 × 2160
Viewing Angle	178° (H) / 178° (V)
Lifespan	50,000 hours
Display Color	1.07 B
Response Time	8 ms (typ.)
Refresh Rate	60 Hz

Device Ports

Light Sensor	Yes
Front Button	5 buttons (Power, Vol, Brightness, Home, Menu)
Front Ports	USB Type-C×1(DP IN+USB2.0 DEVICE+USB2.0 HOST+PD 5W+LAN) USB3.0×2 HDMI IN×1 TOUCH×1
Rear Port	RJ-45×2 (1000M, 1 in, 1 out) USB3.0×2 USB2.0×1 USB Type-C In×1(DP IN+USB2.0 DEVICE+ USB2.0 HOST+PD MAX 100W charge+LAN)×2 USB Type-C Out×1(DP OUT+USB3.0 HOST+4.5W charge) RS-232×1, HDMI IN ×2 VGA IN×1 DP IN×1 HDMI OUT×1 3.5 mm Line IN×1, 3.5 mm×1 (Line OUT) SPDIF×1

Function

IR Receiver	Yes
Bluetooth	Bluetooth 5.2
Wi-Fi&Access Point	WIFI 6, 2.4 GHz/5 GHz; Integrated WiFi 802.11 b/g/n/ac/ax;WIFI 5 AP
Camera & Microphone	48MP AI Built-in 8 array microphone

Touchscreen

Touch Technology Type	Infrared touch technology
Attachment Method	Zero Air Gap
Response Time	≤2 ms
Touch Points	Android: 50, Windows: 40
Touch Accuracy	± 1 mm (over 90% Area)
Valid Touch	0.5 mm
Anti-light Interference	Anti-dazzle tempered glass
Surface Hardness	8H
Touch Resolution	32767 × 32767
Touch Height	<2.5 mm
Writing Mode	Finger + Pen (attaches magnetically)
Communication Mode	USB

Speaker

Built-in Speaker	8
Power	2.1 sound channel, front-end: 2 × 20 W+ 20W

General

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	65-inch: 120 W (typ.); 200 W (max.) 75-inch: 150 W (typ.); 300 W (max.) 86-inch: 200 W (typ.); 400 W (max.)
Standby Power Consumption	≤0.5 W
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	–20 °C to +60 °C (+14 °F to +122 °F)
Operating Humidity	10%–90% (RH)
Storage Humidity	10%–90% (RH)
Product Material	Metal
Glass	4 mm Anti-dazzle tempered glass
Casing Color (Frame/Rear)	Bottom/top: Silver; left/right: black; back: black
Product Dimensions	65-inch: 1,485.2 mm × 93.0 mm × 924.5 mm (58.47" × 3.66" × 36.40") 75-inch: 1,707.5 mm × 93.0 mm × 1,050.0 mm (67.22" × 3.66" × 41.34") 86-inch: 1,953.2 mm × 93.0 mm × 1,187.9 mm (76.90" × 3.66" × 46.77")
Packaging Dimensions	65-inch: 1,580.0 mm × 200.0 mm × 1030.0 mm (62.20" × 7.87" × 40.55") 75-inch: 1,800.0 mm × 200.0 mm × 1,165.0 mm (70.87" × 7.87" × 45.87") 86-inch: 2,050.0 mm × 200.0 mm × 1,310.0 mm (80.71" × 7.87" × 51.57")
Net Weight	65-inch: 40 kg (88.19 lb) 75-inch: 52 kg (114.64 lb) 86-inch: 68 kg (149.92 lb)
Gross Weight	65-inch: 50 kg (110.23 lb) 75-inch: 65 kg (143.30 lb) 86-inch: 82 kg (180.78 lb)