

# DHI-LPH98-ST470

98 inch Smart interactive whiteboard



- 98-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 Education has powerful processing capabilities with its 8-core CPU, 4 GB RAM and 32 GB ROM capacity. Equipped with a 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

### 4K HD Display

With up to 3840 × 2160 resolution, the 4K HD display delivers a clear image in sharp, vivid colors.

### Screen Sharing

The content on your screen can be freely shared with one other device through a wired connection.

### 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.

### File Management

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

## 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 Lite for Edu series is ideal for use in classrooms and other indoor sites.

**Technical Specification**

**Built-in System**

Operating System	Android 11
CPU	Quad-core A73 + Quad-core A53
CPU Frequency	2.2GHz + 2.0GHz
GPU	ARM Mali-G52 MP8 (8EE)
RAM	4 GB
ROM	32 GB

**LCD Panel**

Panel Dimensions	98 inch
Backlight	DLED
Aspect Ratio	16:09
Brightness	400 cd/m <sup>2</sup> (typ.)
Contrast	VA: 4000; IPS: 1200
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, home, menu, brightness,volume)
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 × 1 Mic In × 1 (3.5 mm port)
Rear Port	Type C × 1 (4K@60 Hz, Touch, 10 W) HDMI In × 2 (4K@60 Hz) DP In × 1 (4K@60 Hz) USB 3.0 Type-B × 3 (Touch) HDMI Out × 1 USB 3.0 Type A × 2 (Public) USB 3.0 Type A × 1 (Android) RS-232 × 1 RJ45 In × 1 RJ45 Out × 1 Line Out × 1 (3.5 mm port) SPDIF Out × 1 OPS slot × 1

**Function**

IR Receiver	Yes
Bluetooth	Bluetooth 5.0
Wi-Fi	WiFi 6, 2.4 GHz/5 GHz; Integrated WiFi 802.11 b/g/n/ac/ax

Wireless Access Point	WiFi 5, 2.4 GHz/5 GHz; Supports enabling Hotspot and Wi-Fi at the same time
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**Touchscreen**

Touch Technology Type	Infrared touch technology
Attachment Method	Zero Air Gap
Response Time	≤10 ms
Touch Points	Android: 20, Windows: 20
Touch Accuracy	± 1 mm (over 90% Area)
Valid Touch	2 mm
Touch Height	<2.5 mm
Writing Mode	Finger + Pen (attaches magnetically)
Communication Mode	USB
Anti-light Interference	Anti-dazzle tempered glass
Surface Hardness	7H
Touch Resolution	32767 × 32767

**Speaker**

Built-in Speaker	2
Power	2.0 sound channel, front-end: 2 × 15 W

**General**

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	98-inch: 350 W (typ.); 550 W (max.)
Standby Power Consumption	≤0.5 W
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	-10 °C to +50 °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/left/right: black; black;back: black
Product Dimensions	98-inch: 2,258.4 mm × 104.0 mm × 1,342.3 mm (88.91" × 4.09" × 52.85")
Packaging Dimensions	98-inch: 2,384.0 mm × 370.0 mm × 1,580.0 mm (93.86" × 14.56" × 62.20")
Net Weight	98-inch: 120 kg (264.55 lb)
Gross Weight	98-inch: 210 kg (462.97 lb)