

DHI-LPH86-MC470-P

86 inch Smart Interactive Whiteboard



Series Overview

Dahua DeepHub Pro Smart Interactive Whiteboard is a new generation of smart interactive whiteboards that have a high performance main controller and multiple intelligent functions. It adopts direct-type LED backlight technology and has a 4K LED display that is built of antidazzle tempered glass with a hardness of 7 on the Mohs scale. The display comes in 65", 75", 86" and 98". This ultra-thin whiteboard supports up to 20 multi-user writing points and is equipped with a 48 MP motorized lens, speakers, 8 microphone arrays, and is touchscreen. It offers various functions such as video conferencing, writing on the whiteboard, wireless screen sharing and allows you to scan codes to access content on the whiteboard.

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.

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.

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.

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.

- Built-in Deephub Meeting Software for cloud base online conference and with Realtime collaboration function.
- · Displays in 4K Ultra HD and uses 4K UI.
- With its 2 built-in mid-high frequency speakers, and 1 lowfrequency speaker, the device supports 2.1-channel audio output.
 The total power is 60 W.
- Produces vibrant visuals through its high color coverage (90% NTSC High Gamut Screen) and accurate color reproduction (ΔE≤1.5).
- Features split screen, and performs screen sharing between the whiteboard and phones, computers, tablets and more devices.
- Microsoft Office and other related software can be installed, and it can play audio and video files in various formats.
- Offers a smooth writing experience through handwriting recognition, pen writing, the fast writing response speed, and pen pressure recognition for a real writing experience.
- · Support AI recognition of text and drawings.
- Intelligent pen detection that automatically wakes up the whiteboard for annotations when the pen is lifted.
- Built-in AI 48M camera and 8 array microphone that produces excellent quality visual and audio communication. Supports autoframing and voice tracking.
- · Features sound source positioning.
- · NFC and Fingerprint unlock for protection of user information.
- Includes a full-featured Type-C IN port and supports charging through USB PD up to 65 W.

Text Recognition

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

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.

Screen Sharing

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

4K Camera with Ultra-wide FOV

8-MP with a maximum resolution of 4K@30 fps. It supports live videos and has an ultra-wide field of view (diagonal 99°, horizontal 87°, and vertical 49°), displaying vivid images even when placed in relatively large meeting rooms.

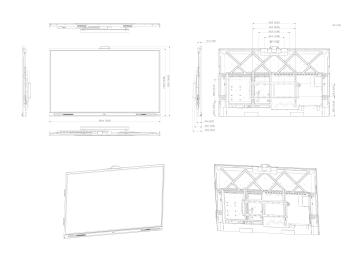
Built-in System	Technical Specificati	on			
Operating System Android 11.0 MAX Power Transmission (Wi-Fi) CPU Quad-core A73 + Quad-core A53 Bluetooth CPU Frequency 2.2 GHz + 2.0 GHz Bluetooth Standard GPU ARM Mail-GSZ MP8 (8EE) Bluetooth Standard RAM 1.2 GB (System: 8 GB, Camera: 4 GB) Bluetooth Frequency Rar RROM 1.28 GB MAX Power Transmission (Bluetooth) Card Swiping with NFC Yes, Bind up to 10 cards RFID Modulation Method (Bluetooth) FUNCTION No peating System of External Module MAX Power Transmission (RFID) Wi-Fi Hotspot File American Standard USB LCD Panel Windows 7/8/10 Windows 1/8/10 Panel Dimensions 85 inch USB Backlight DLED Video Input Aspect Ratio 16-9 Audio Output Aspect Ratio 16-9 Audio Output Brightness 400 cd/m² (typ.) IrDA Resolution 3840 (H) × 2160 (V) IrDA Viewing Angle H: 178*, v. 178* Microphone Lifespan 250, 000 h <			Wi-Fi Frequency Range		
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	Wi-Fi Standard	Station: 802.11b/g/n/a/ac AP: 802.11b/g/n/a/ac/ax	Fingerprint Capacity Fingerprint Resolution		

Pro Series | DHI-LPH86-MC470-P

FAR	<0.001%				
Microphone					
Pick-up Distance	Far-field sound pickup: 8 m—12 m (26.25 ft—39.37 ft)				
Number of Microphones	8 Array				
AGC	Yes				
Echo Cancellation	Yes				
Polar Pattern	Omnidirectional				
Intelligent Noise Filtering	YES				
General					
Power Supply	100–240 VAC, 50/60 Hz				
Power Consumption	Basic power consumption: 425 W, Max. Power consumption: 500 W				
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)				
Storage Temperature	-20° C to +60 $^{\circ}$ C (-4° F to +140 $^{\circ}$ F)				
Operating Humidity	10%–90% (RH), non-condensing				
Storage Humidity	10%–90% (RH), non-condensing				
Product Material	Metal casing				
Protective Glass	3.2 mm Anti-dazzle tempered glass				
Casing Color (Frame/Rear)	Black on the left and right, silver on the top and bottom. $ \\$				
Product Dimensions	1953.4 mm × 93.3 mm × 1093.6 mm (76.91" × 3.67" × 43.52") (L × W × H)				
Frame Size	Top border: 26.1 mm, left and right borders: 15.4 mm, bottom border: 66.6 mm				
Packaging Dimensions	2058 mm × 262 mm × 1322 mm (81.02" × 10.31" × 52.05") (L × W × H)				
Net Weight	73 kg (160.94 lb)				
Gross Weight	86.5 kg (190.70 lb)				
Holes Distance	750 mm × 400 mm (29.53" × 15.75")				
Installation	Wall mount; mobile bracket				
Standby Power Consumption	≤0.5 W				
Packing List	1 × Smart interactive whiteboard; 1 × Power cord; 2 × Stylus pen; 1 × Quick start guide; 1 × Wall mount bracket; 1 × Accessory package; 1 × Remote control				

Ordering Information					
Туре	Model	Description			
Smart interactive whiteboard	DHI-LPH86-MC470-P	86 inch Smart Interactive Whiteboard			

Dimensions (mm[inch])



Panels

