DHI-LPH65/75/86-ST420-L

Smart Interactive Whiteboard



- Displays in 4K Ultra HD and uses 4K UI.
- Features split screen, and performs screen sharing between the whiteboard and phones, computers, tablets and more devices.
- Supports writing on the whiteboard and recognizes handwriting and graphics.
- Microsoft Office and other related software can be installed, and it can play audio and video files in various formats.
- Wireless presentation from any device.
- Adnotation on any source.

System Overview

Dahua DeepHub Smart Interactive Whiteboard for education has powerful processing capabilities with its 4-core CPU and up to 8 GB RAM 128G storage capacity. Equipped with a high-precision infrared frame with a 2 mm identification diameter, and a 4K highdefinition DLED module, this whiteboard will give you an extraordinary experience with writing, controlling the whiteboard and displaying content on it. It features video conferencing, 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 meeting rooms and classrooms.

Functions

4K HD Display

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

File Management

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

Text Recognition

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

Scene

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

Technical Specification

Built-in System

Operating System	Android 13.0
CPU	Quad-core A55
CPU Frequency	1.9 GHz
GPU	Mali G52 MP2
RAM	8 GB
ROM	128 GB

Function

Operating System of External Module	Windows, macOS, Android, Linux, Google Chrome
Wi-Fi	Wi-Fi 5, 802.11a/b/g/n/ac
Wi-Fi Hotspot	Wi-Fi 5, 2.4 GHz and 5 GHz dual band

LCD Panel

Panel Dimensions	65 inch
Backlight	DLED
Aspect Ratio	16:9
Brightness	350 cd/m² (typ.)
Resolution	3,840 (H) x 2,160 (V)
Viewing Angle	178° (H); 178° (V)
Lifespan	≥ 50,000 hrs
Display Color	1.07 Billion
Refresh Rate	60 Hz
Contrast	1200 (typ.), 5000 (dyn.)
Response Time	8 ms (typ.)

Device Ports

Front Button	7 buttons (home, touch lock, increase the volume, decrease the volume, signal source, return and power supply)
Front Ports	Type-C × 1; HDMI IN × 1; Touch Type-B × 1; USB Type-A × 3
Network Port	1 (100 Mbps)
Wi-Fi	1 Wi-Fi and 1 hotspot (single module)
USB	USB 2.0 × 1; USB3.0 × 1; Touch USB2.0 × 1
RS-232	1 DB9 for controlling the device
Video Input	HDMI IN 2.0 × 2; AV IN × 1
Video Output	AV OUT × 1
Audio Output	3.5 mm stereo line out × 1 (coaxial)
Others	OPS slot × 1
IrDA	1
Bluetooth	BT 5.0
Type-C Port	Front Type-C × 1

Touchscreen

Touch Technology	Infrared touch technology
Rsponse Time	≤ 6 ms
Touch Points	Android: 20, Windows: 40
Valid Touch	2 mm
Writing Mode	Finger and stylus pen (magnetic)
Anti-light Interference	Anti-glare tempered glass
Surface Hardness	> 7 hrs
Touch Resolution	32,767 × 32,767
Multi-user Writing Points	5

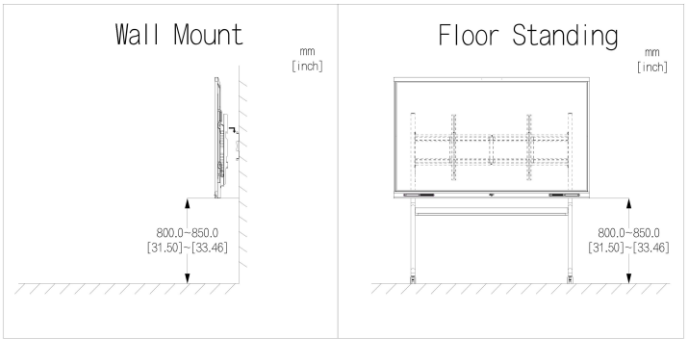
Speaker

Frequency	150 Hz–20 kHz
Power	15 W × 2 (max)
Built-in Speaker	2

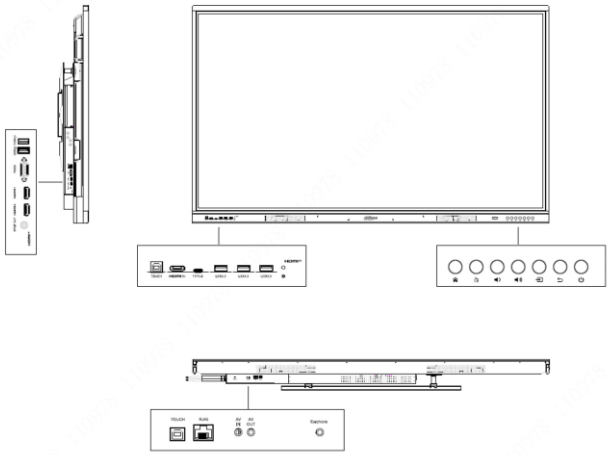
General

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	65": ≤ 250 W 75": ≤ 350W 86": ≤ 450W
Operating Temperature	0 ℃ to 55 ℃ (32 °F to 131 °F)
Storage Temperature	-10 ℃ to +55 ℃ (14 °F to 131 °F)
Operating Humidity	20%–80% (RH)
Storage Humidity	20%–90% (RH)
Product Material	Metal
Protective Glass	4.0 mm anti-glare tempered glass
Casing Color (Frame/Rear)	Black
Product Dimensions	65 »: 1,485.2 mm × 916.6 mm × 116.5 mm 75": 1,707.5 mm × 1,041.9 mm × 116.7 mm 86": 1,953.2 mm × 1,180 mm × 116.5 mm
Frame Size	U: 61.5 mm, L/R: 17.6 mm, D: 28.3 mm
Packaging Dimensions	65": 1,576 mm × 200 mm × 980 mm 75": 1,785 mm × 200 mm × 1,125 mm 86": 2,040 mm × 200 mm × 1,260 mm
Net Weight / Gross Weight	65": 43 kg / 49 kg 75": 55 kg / 63 kg 86": 70 kg / 77 kg
Holes Distance	65": 500 mm × 400 mm 75": 600 mm × 400 mm 86": 800 mm × 400 mm
Installation	Wall mount or mobile bracket
Standby Power Consumption	≤ 0.5 W
Packing List	Smart interactive whiteboard × 1 Stylus pen ×2 Power cable × 1 Quick start guide × 1 Wall mount bracket × 1 Pack of wall mount screws × 1 Antenna × 4

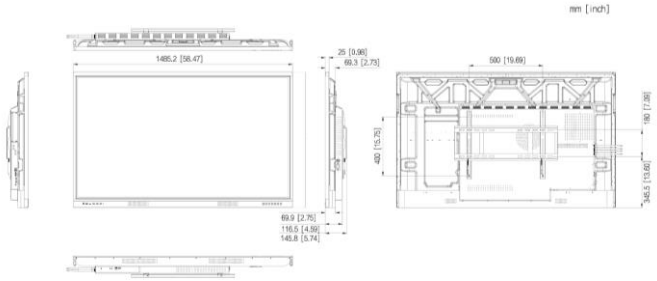
Installation

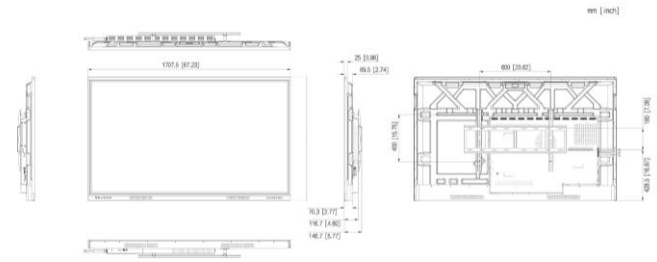


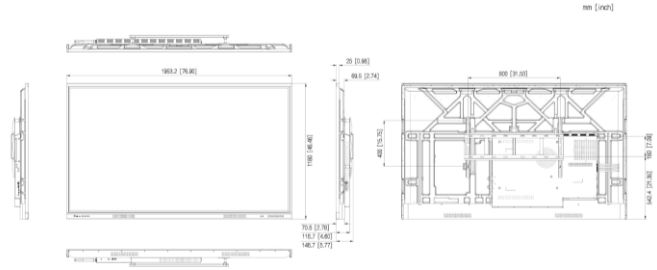
Panels



Dimensions (mm[inch])







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