

DHI-LCH75-MC410-B-S2

75 inch



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 ellipses.

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.

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.

- Displays in 4K Ultra HD and uses 4K UI.
- With its 2 built-in mid-high frequency speakers, the device supports 2.0-channel audio output, and its total power is 30 W.
- 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, its fast writing response speed, and pen pressure recognition.
- Support AI recognition of text and drawings.
- Built-in 8 array microphone and AI 48M camera , produces high-quality visuals and audio communication.
- Seamlessly calls the camera and microphone of the whiteboard through its Type-C IN port and screen projector.

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.

Technical Specification		Wi-Fi Frequency Range	2400–2483.5 MHz, 5150–5350 MHz, 5470–5725 MHz, 5725–5850 MHz																																																																																		
Built-in System		MAX Power Transmission (Wi-Fi)	≤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																																																																																		
Operating System	Android 14	Bluetooth	Yes																																																																																		
CPU	Quad-core A55	Bluetooth Standard	BR/EDR/BLE, BT5.2																																																																																		
CPU Frequency	1.9 GHz	Bluetooth Frequency Range	2400–2483.5 MHz																																																																																		
GPU	ARM Mali-G52 MP2 (2EE)	MAX Power Transmission (Bluetooth)	≤20 dBm@2400–2483.5 MHz																																																																																		
RAM	8 GB	USB	1× USB 3.0 (type A); 2× USB 2.0 (type A); 1× Micro USB 2.0																																																																																		
ROM	64 GB	RS-232	1× DB9 male connector																																																																																		
NFC	No	Video Input	2× HDMI 2.0 (4K@60 Hz)																																																																																		
Function		Audio Output	1× 3.5 mm Line Out port																																																																																		
Operating System of External Module	Windows 7/8/10	Others	1× Touch port																																																																																		
Wi-Fi Hotspot	Dual-band 2.4 G/5 G; Supports enabling hotspot and Wi-Fi at the same time	IrDA	1																																																																																		
LCD Panel		Microphone	8 arrays																																																																																		
Screen Size	75 inch	Type-C Port	1× USB 2.0 device + 5 W charging																																																																																		
Backlight	LED	Touchscreen																																																																																			
Aspect Ratio	16:9	Brightness	350 cd/m ² (typ.)	Response Time	≤5 ms	Resolution	3840 × 2160	Touch Technology	Infrared	Viewing Angle	H: 178°; V: 178°	Touch Points	Android: 32 points, Windows: 40 points	Lifespan	≥50,000 hrs	Valid Touch	2 mm (0.1") (over 90% touch area)	Display Color	≥72% NTSC	Writing Mode	Finger + Pen (attaches magnetically)	Refresh Rate	60 Hz	Anti-light Interference	Anti-dazzle tempered glass	Static Contrast Ratio	IPS: 1200 (typ.)	Surface Hardness	≥9H	Response Time	≤8 ms (typ.)	Touch Resolution	32767 × 32767	Camera		Number of Multi-user Writing Points	5 points 3mm (over 90% touch area)	Camera	Photo: 48 MP; Video: 4MP	Speaker		Auto Control	Auto white balance	Distortion	≤5%	Number of Cavities	2	Max. Resolution	2560 × 1440@30 fps	Frequency	150 Hz–20 kHz	Field of View	D: 88°, H: 79°, V: 51	Power	2.0 sound channel, front-end: 2 × 15 W	Face Detection	No	Built-in Speaker	2	Device Ports		Microphone		Light Sensor	1	Front Button	1× power button	Pick-up Distance	Long-range sound pickup: 8 m–12 m (26.25 ft–39.37 ft)	Front Ports	1× USB 2.0	Number of Microphones	8 arrays	Network Port	1× RJ-45	AGC	Yes	Wi-Fi	Yes, 1× Station, 1× AP	Echo Cancellation	Yes	Wi-Fi Standard	Station: 802.11b/g/n/a/ac/ax AP: 802.11b/g/n/a/ac/ax	Polar Pattern	Omnidirectional
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General

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	141.5W (basic), 270 W (max)
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	–20 °C to +60 °C (–4 °F to +140 °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)	The left and right sides are black, and the top and bottom are starry gray
Product Dimensions	1,707.6 mm × 115.7 mm × 1,038.5 mm (67.2" × 4.6" × 40.9") (L × W × H)
Frame Size	Top border: 35.3 mm (1.4"), left and right borders: 17.5 mm (0.69"), bottom border: 40 mm (1.6")
Packaging Dimensions	1,875 mm × 227 mm × 1,177 mm (73.82" × 8.94" × 46.34") (L × W × H)
Net Weight	50 kg (110.2 lb)
Gross Weight	58.4 kg (128.8 lb)
Holes Distance	600 mm × 400 mm (23.62" × 15.75")
Installation	Wall mount; mobile bracket
Standby Power Consumption	≤0.5 W
Packing List	1 × Smart interactive whiteboard 1 × Wireless plug-in module 1 × Power cord 2 × Stylus pen 1 × Quick start guide 1 × Legal and regulatory information 1 × Wall mount bracket 1 × Accessory package 1 × Remote control

Type	Model	Description
	DHI-SP-PI7C82IS	Open Pluggable Specification
	DHI-SP-PI7C75IS	Open Pluggable Specification
	DHI-SP-PI5C72IS	Open Pluggable Specification
	DHI-PKC-MS1A	DHI-PKC-MS1A

Accessories

Optional:



DHI-PKC-MS0A
DHI-PKC-MS0A



DHI-PKC-MS0C
DHI-PKC-MS0C



DHI-PKC-MS1A
DHI-PKC-MS1A



DHI-PKC-WM1A
Omnidirectional Digital Microphone



DHI-PKP-IP1A
Smart Pen



DHI-PKP-UC10A
USB Camera



DHI-PKP-WP1B
Wireless transmitter



DHI-SP-PI5C72IS
Open Pluggable Specification



DHI-SP-PI5C75IS
Open Pluggable Specification



DHI-SP-PI5C82IS
Open Pluggable Specification



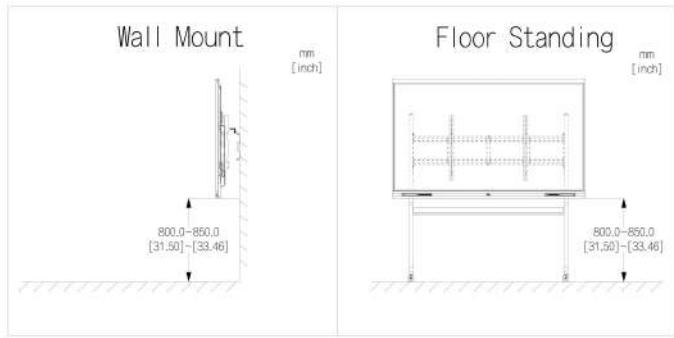
DHI-SP-PI7C75IS
Open Pluggable Specification



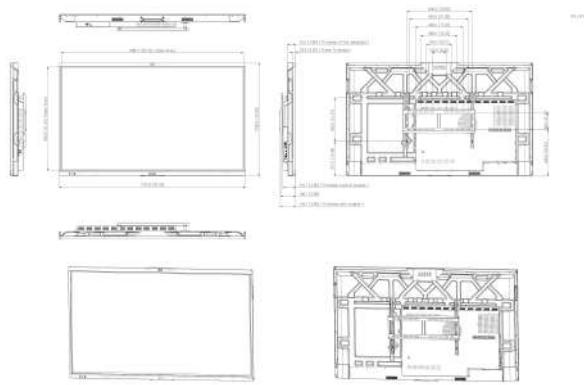
DHI-SP-PI7C82IS
Open Pluggable Specification

Ordering Information

Type	Model	Description
Smart interactive whiteboard	DHI-LCH75-MC410-B-S2	75 inch
Accessories (Optional)	DHI-PKP-UC10A	USB Camera
	DHI-PKC-MS0C	DHI-PKC-MS0C
	DHI-SP-PI5C75IS	Open Pluggable Specification
	DHI-PKC-WM1A	Omnidirectional Digital Microphone
	DHI-PKP-IP1A	Smart Pen
	DHI-SP-PI5C82IS	Open Pluggable Specification
	DHI-PKC-MS0A	DHI-PKC-MS0A
	DHI-PKP-WP1B	Wireless transmitter



Dimensions (mm[inch])



Panels

