

DHI-PHMIA135-CF

Smart All-In-One LED Display (COB Foldable Black)



Series Overview

The Intelligent COB Folding All-in-One LED Display is Dahua’s new generation of intelligent LED all-in-one products, featuring an inner folding design that allows the flight case to be transported via elevator, ready to use upon unboxing without installation, enabling flexible deployment and free height adjustment for convenient viewing. The COB Panel used is resistant to impact, moisture, and scratches, with a sleek black finish that is non-reflective and a high contrast DCI P3 color space. It is equipped with a high-performance main control unit, integrating numerous intelligent features. As an all-in-one product, it possesses several key characteristics such as foldability and height adjustability, gesture control, a flip camera, intelligent dehumidification, and wired transmission screen, offering four major advantages: flexibility, safety, intelligence, and convenience, meeting the demands of the high-end market and maximizing its advantages in command center decision rooms, studios, camping team-building activities, exhibitions, and other sites.

Scene

Suitable for use in offices, educational institutions, exhibition halls, government service centers, high-end entertainment venues, and more.

Technical Specification

Built-in System

Operating System	Android 14
CPU	Quad-core A73 + Quad-core A53

- Ready-to-operate out of the box, with no installation required. Features foldable design and height-adjustable structure.
- Built-in Android 14 with optional Windows 11 support.
- Features a COB panel with intelligent dehumidification, making the device bump-proof, collision-resistant, and moisture-resistant.
- Built-in 48M flip camera.
- Screen sharing with the whiteboard, phones, computers, tablets, and other devices.
- Offers split screen for system apps, allowing two applications to run side by side.
- Fingerprint unlock supported.
- 4.0 channel audio output with four mid-high frequency speakers.
- Microsoft Office and other related software can be installed, and it plays audio and video files in various formats.



CPU Frequency	large core: 2.2 GHz, small core: 2 GHz
RAM	8 GB
ROM	64 GB

Camera

Camera	8 MP
Auto Control	auto flip, auto white balance
Max. Resolution	3840 (H) × 2160 (V)
Field of View	D: 99°, H: 87°, V: 49°

Device Ports

Light Sensor	1
Button	Front buttons: Power supply Lower buttons: Signal source, home, volume, brightness Rear panel control buttons (bracket): Electric Lift bracket button, position memory key, function key Lower button: Rocker switch
Interface Controller	1 × IR 2 × Bluetooth 1 × Wi-Fi 6 1 × Wi-Fi AP 1 × RJ-45 1 × RS-232 4 × USB 3.0 1 × Light Sensor
Video Port	1 × HDMI IN 4K 1 × HDMI OUT 1080p 1 × Type-C IN 4K

Audio Port	1 × 3.5 mm Line Out port Built-in 4 × 15 W full-range speakers
Wi-Fi Standard	Wi-Fi Station: 802.11 b/g/n/a/ac/ax Wi-Fi AP: 802.11 b/g/n/a/ac
Wi-Fi Frequency Range	Wi-Fi Station: 2400–2483.5 MHz, 5150–5350 MHz, 5250–5350 MHz, 5470–5725 MHz, 5725–5850 MHz Wi-Fi AP: 2400–2483.5 MHz, 5150–5350 MHz
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
Bluetooth Standard	BR/EDR/BLE (Bluetooth mode), BT5.0 (Bluetooth version)
Bluetooth Frequency Range	2400–2483.5 MHz
MAX Power Transmission (Bluetooth)	≤20 dBm@2400–2483.5 MHz

Function

IR Receiver	1
Windows Operating System	Windows 11
Windows Configuration	12th Gen, i5, 16 G + 256 G;

Fingerprint

Fingerprint Capacity	100
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Speaker

Built-in Speaker	4 full-range speakers; The power of a single speaker is not less than 15 W
Power	Full-range 4 × 15 W

LED Display

Screen Size	135 inch
Resolution	1920 (H) × 1080 (V)
Pixel Pitch	1.5625 mm
Pixel Configuration	1R1G1B
Pixel Density	409,600 dots/m ²
LED Type	Flip chip, COB
Brightness	400 cd/m ² (default) 600 cd/m ² (max)
Color Temperature	9300K ± 200K (Standard)
Viewing Angle	160° (H)/160° (V)
Grayscale	13 bits
Contrast Ratio	≥10,000: 1
Image Refresh Rate	3,840 Hz

General

Aspect Ratio	16:9
Protection	IP30
Operating Temperature	−10 °C to +40 °C (+14 °F to +104 °F) (screen body) +10 °C to +40 °C (+50 °F to +104 °F) (bracket)
Operating Humidity	20%–70% (RH), non-condensing

Storage Temperature	−10 °C to +50 °C (+14 °F to +122 °F)
Storage Humidity	20%–80% (RH), non-condensing
Maintenance	Front maintenance
Power Supply	100–240 VAC, 50 Hz–60 Hz
Power Consumption	500 W (average), 1,600 W (max)
Standby Power Consumption	≤0.5 W
Lifespan	LED lifespan ≥100,000 hrs Lifting/lowering cycles ≤ 5,000
Product Dimensions	3,014.0 mm × 770.0 mm × 2,630.0 mm (118.62" × 30.31" × 103.54") (L × W × H) (unfold and lift) 1,804.0 mm × 770.0 mm × 1,980.0 mm (71.14" × 30.31" × 77.95") (L × W × H) (fold and lower)
Packaging Method	Flight case
Packaging Dimensions	1,990 mm × 840 mm × 2,100 mm (78.31" × 33.07" × 82.68") (L × W × H)
Net Weight	294 kg (648.17 lb)
Gross Weight	513 kg (1130.99 lb)
Box Material	Die cast aluminum
Installation	Installation-free
Accessory	1 × Projector 1 × Attachment Box 24 × Spare Parts Kit

Certification

Certifications	CE
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Ordering Information

Type	Model	Description
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Dimensions (mm[inch])

