

## Ultra Series

# INTERACTIVE FLAT PANEL

*Advance Collaboration to a New Level*

Discover Hikvision's new-generation interactive flat panel displays. With stunning ultra-4K resolution, precise on-screen writing, and intuitive built-in whiteboard software, our products offer versatility and functionality tailored to your needs. Seamless transition between tasks, smart meeting features, and free projection will boost your productivity and elevate your experience.



## HIGHLIGHT

### Upgraded hardware with superb performance

- Android 13
- 8G RAM + 128G ROM
- Rich interfaces: HDMI, VGA, DP and Type-C

### Outstanding display with leading technologies

- 4K resolution
- Anti-glare glass
- Optical anti-blue light (TUV-certified)

### Intelligent whiteboard for creative sharing

- Smooth writing (50 touch points), intelligent recognition, and simultaneous multi-user input
- Extensive document compatibility with files (PowerPoint/Word/Excel/PDF), images, and videos
- Easily saving meeting outcomes through code scanning

### New OS & UI 3.0 to enhance experience

- Customizable, easy-to-use bottom menu bar
- Multi-window mode for seamless multi-tasking
- Stylish 4K@60Hz user interface

### Free projection to unleash limitless possibilities

- Free projection via NFC, software, Wi-Fi, and dongle
- Simultaneous multi-terminal projection
- Maximized efficiency and seamless synergy with BYOM

### Smart meeting to boost communication

- Auto framing to include all participants
- Speaker tracking to focus on the main speaker
- Acoustic baffle to filter out noise
- Built-in 48MP camera, 8-microphone array, 2\*20W+25W loudspeakers to deliver state-of-art audio and visuals

# DS-D5C86RB/B

Display	
Screen Size	86 inch
Backlight	DLED
Pixel Pitch	0.1645(H) × 0.4935(V)mm
Resolution	3840 × 2160 @60 Hz
Brightness	400 cd/m² (Typ.)
Color Depth	10 bit
Display Color	1.07G
Response Time	5 ms
Panel Type	VA
Contrast Ratio	5000:1 (Static); 30,000:1 (Dynamic)
Color Gamut	72% NTSC (CIE1931) (Typ.)
Refresh Rate	60 Hz
Viewing Angle	178°(H)/178°(V)
Aspect Ratio	16:09
Surface Hardness	9H
Surface Glass	3.2 mm Anti-Glare Glass
Surface Haze	25%Haze
Glass Bonding Method	Zero Lamination
Display Area	1895.04mmx1065.96mm
Working Duration	7 × 16H
Transmittance	88% ± 3
Lifespan	50,000 hours

Interface	
Video & Audio Input	HDMI In (HDMI 2.0)× 3, VGA In x 1, DP In (DP 1.2)× 1, Audio In × 1
Video & audio output	HDMI Out (HDMI 2.0)× 1, Audio Out × 1, SPDIF Out × 1
Control interface	TOUCH-USB 3.0 × 3, RS232 × 1
Network Interface	LAN (1000 Mbps) × 2 WIFI AP&Station, 2.4G/5G IEEE 802.11 a/b/g/n/ac 2x2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP
Data Transmission Interface	USB 3.0 × 4, USB 2.0 × 1, Type-C × 2 (Type-C supports USB 2.0, DP 1.2, and charging functions; side charging 15 W, front charging 65 W)

Internal Function	
Loudspeaker	Built-in 2 ×20 W+25W loudspeaker;
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.1
NFC	Support screen mirroring by Android phones
Light Sensor	Yes
Image Processing Technology	Support 3D digital noise reduction, face detection, automatic white balance, automatic purple edge removal, automatic defogging; support shadow correction and distortion correction for lens.
Audio Processing Technology	Support dereverberation, adaptive noise reduction, adaptive non-stationary noise reduction, adaptive echo cancellation, automatic gain control, automatic electrical level control, sound source localization, speech dynamic detection, digital beam forming, speech detection.

Touch	
Type	Infrared Touch Screen
Touch Point	50 point multi-touch
Touch Response Time	≤ 2 ms
Minimum Touch Object	≥ 1.5 mm (≥ 90% touching area)
Touch Precision	± 0.5 mm (≥ 90% touching area)
Touch Resolution	32768 × 32768

Built-in System	
Operation System	Android 13.0
Memory	8 GB
Built-in Storage	128 GB
Processor	Quad-core Cortex-A76 × 4 (2.4GHz)and quad-core Cortex-A55 × 4 (1.8GHz)
GPU	Mali-G610 MC4
HDCP Version	2.3

Camera	
Pixel	Pixel 48MP for Photos & 8 MP for Video
Camera Function	Support intelligent switching between Android system, OPS, and PC.
Field Angle	120°(diagonal), 110°(horizontal), 75°(vertical)
Distortion	≤2.5%
Camera Resolution Ratio	Up to 4K

Microphone	
Specification	Omni-directional 8-array layout
Mic Function	Echo reduction and smart noise-cancellation
Voice Distance	12 m
Sampling Rate	32 K
Mic Sampling Rate	16 bit

Power	
Power Supply	100 to 240 VAC, 50/60 Hz
Standby Consumption	≤ 0.5 W
Average Consumption	< 205W

General	
VESA	800 mm × 400 mm(4 × M8-25 mm)
Product dimensions	1960.5 mm × 1173.7 mm × 82.5 mm
Accessory	Wall mount bracket, hook, user manual, touch writing pen, packing list, 3M touch USB cable, 3.5M HDMI cable (2.0), 1.5m power cable (European standard), Bluetooth remote control.
Package Dimensions (W × H × D)	2197 mm × 284 mm × 1376mm
Net Weight	65.13 kg
Gross Weight	82.6 kg

Working Environment	
Working Temperature	0 °C to 40 °C (32 °F to 104°F)
Working Humidity	10%-90% RH