

## 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<br>WIFI AP&Station, 2.4G/5G<br>IEEE 802.11 a/b/g/n/ac 2x2 MIMO (2.4 GHz and 5 GHz)<br>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                     |