

## DS-D5B65RB/D Interactive Flat Panel



The Conference Flat Panel (hereafter referred to as the “device”) integrates functions of computers, projectors, interactive whiteboards, sound boxes, cameras (optional), bluetooth remote control (optional), HDTVs, advertising machines and so on. The device integrates technologies like 4K display, infrared touch, human-machine interaction, multi-media information processing, and network transmission and provides users with various features such as writing, annotating, multi-screen sharing, pen detection and remote video call (optional). The Conference Flat Panel is mainly used for remote video conferences, trainings and guidance, medical consulting, and other events in kinds of offices, meeting rooms, multi-media classrooms, exhibition halls and so on.

- Ultra HD display with up to 3840 × 2160 resolution of input signal available.
- 20px ultra fine writing, and 2 mm diameter recognizable with the precision of 1 mm.
- Built-in Wi-Fi realizes miracasting without any cable connection.
- Built-in interactive whiteboard system allows annotating and sharing by QR code.
- Looping-out display available.
- Various audio and video interfaces for device access.
- Built-in network switch chip saves a network switch.
- Built-in Android system provides kinds of applications.
- Compatible with OPS/OPS-C devices, realizing smooth switch between built-in systems.
- Ultra-thin design with aluminum profile frame.

## ▪ Specification

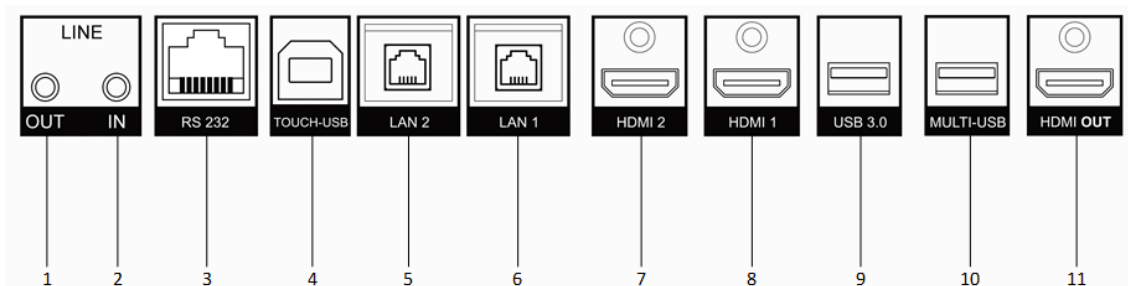
| <b>Product Model</b>        |  |
|-----------------------------|--|
| Product Model               | DS-D5B65RB/D   |
| <b>Display</b>              |  |
| Screen Size                 | 65 inch LED Backlight  |
| Backlight                   | DLED   |
| Pixel Pitch                 | 0.124 (H) × 0.372 (V) mm   |
| Resolution                  | 3840 × 2160@60 Hz  |
| Brightness                  | 350 cd/m <sup>2</sup>  |
| Color Depth                 | 10 bit   |
| Contrast Ratio              | 1200 : 1 (Typ.)  |
| Response Time               | 6 ms   |
| Color Gamut                 | 90% NTSC (CIE1931) (Typ.)  |
| Refresh Rate                | 60 Hz  |
| Viewing Angle               | 178° (H) / 178° (V)  |
| <b>Built-in System</b>      |  |
| Operation System            | Android 11   |
| Processor                   | A72*2 + A53*4, 1.8 GHz   |
| Memory                      | 4 GB   |
| Built-in Storage            | 64 GB  |
| NIC                         | Built-in 1000 Mbps NIC, supporting routing   |
| <b>Touch</b>                |  |
| Type                        | Infrared touch screen  |
| Glass                       | AG smooth glass  |
| Touch Point                 | Max 45 point multi-touch   |
| Touch Response Time         | < 10 ms  |
| Touch Precision             | ± 1 mm (≥ 90% touching area)   |
| <b>Internal Function</b>    |  |
| Loudspeaker                 | Built-in 2 × 16 W loudspeaker  |
| Bluetooth                   | Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version |
| <b>Interface</b>            |  |
| Video & Audio Input         | HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1  |
| Video & audio output        | HDMI OUT × 1, MAX 4K @60 Hz, LINE OUT × 1  |
| Control interface           | RS-232 × 1, Touch-USB × 1  |
| Network Interface           | RJ45 (1000 Mbps port) × 2  |
| Data Transmission Interface | USB-C × 1, USB-A × 2 on front panel, USB-A × 2 on rear panel                           |
| <b>Power</b>                |  |
| Power Consumption           | ≤ 320 W (full load)  |
| Standby Consumption         | 0.5 W  |
| <b>Working Environment</b>  |  |
| Working Temperature         | 0 °C to 40 °C (32 °F to 104 °F)  |
| Working Humidity            | 10% to 90% RH  |

| General                        |   |
|--------------------------------|---|
| Power                          | 100 to 240 V, AC, 50/60 Hz                      |
| Product dimensions             | 1507 × 930 × 86 mm                              |
| Package Dimensions (W × H × D) | 1687 × 1061 × 234 mm                            |
| Net Weight                     | 40.36 kg  |
| Gross Weight                   | 50.69 kg  |
| Camera                         |   |
| Pixel                          | 8 MP  |
| Camera Function                | Smart switch between Android system and OPS     |
| Field Angle                    | 120°(diagonal), 110°(horizontal), 66°(vertical) |
| Distortion                     | ≤6%   |
| Camera Resolution Ratio        | Up to 4K  |
| Microphone                     |   |
| Specification                  | Omni-directional 6-array layout                 |
| Mic Function                   | Echo reduction and smart noise-cancellation     |
| Voice Distance                 | 8 m   |
| Sampling Rate                  | 32 K  |
| Mic Sampling Rate              | 16 bit  |

## ▪ Available Model

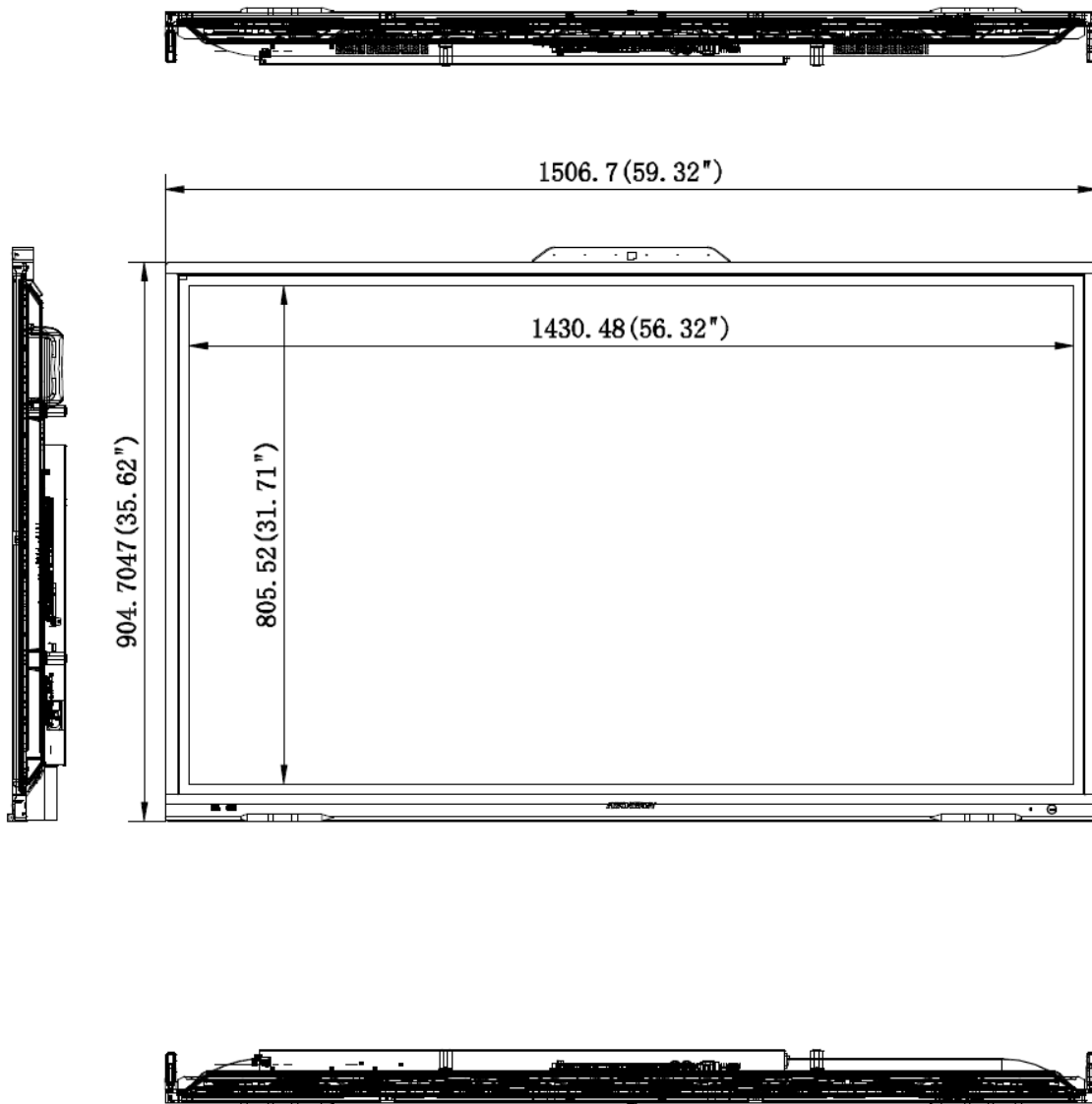
DS-D5B65RB/D

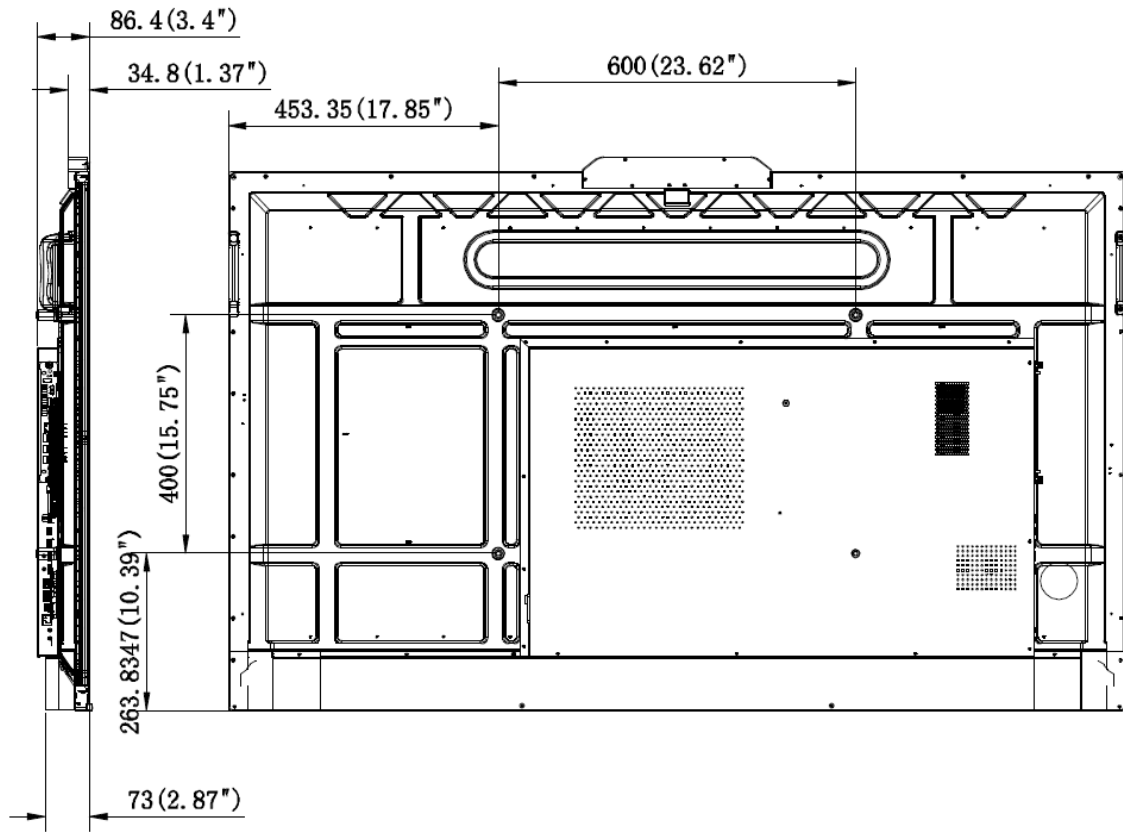
## ▪ Physical Interface



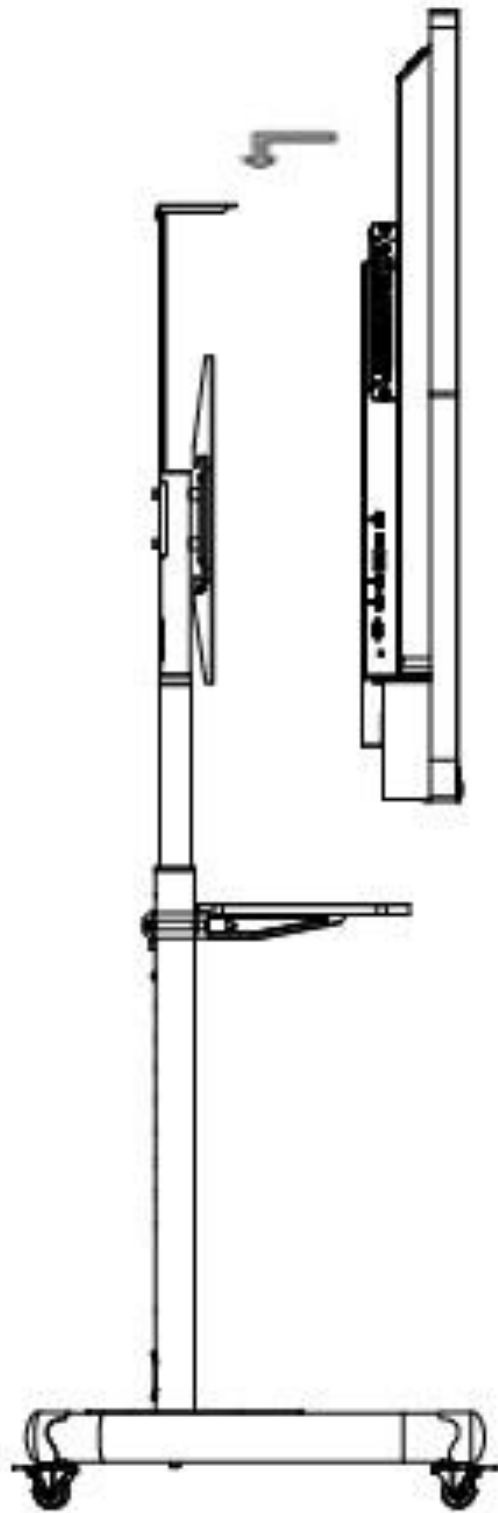
| Interface   | Description            | Interface    | Description                    |
|-------------|------------------------|--------------|--------------------------------|
| 1.LINE OUT  | Earphone Interface     | 2.LINE IN    | Audio Input Interface          |
| 3.RS-232    | RS-232 Serial Port     | 4.TOUCH-USB  | Peripheral Touch Interface     |
| 5.LAN 2     | Ethernet Interface 2   | 6. LAN 1     | Ethernet Interface 1           |
| 7.HDMI 2    | HDMI Input Interface 2 | 8.HDMI 1     | HDMI Input Interface 1         |
| 9.USB 3.0   | USB 3.0 Interface      | 10.MULTI-USB | Multi-functional USB Interface |
| 11.HDMI OUT | HDMI Output Interface  |              |                                |

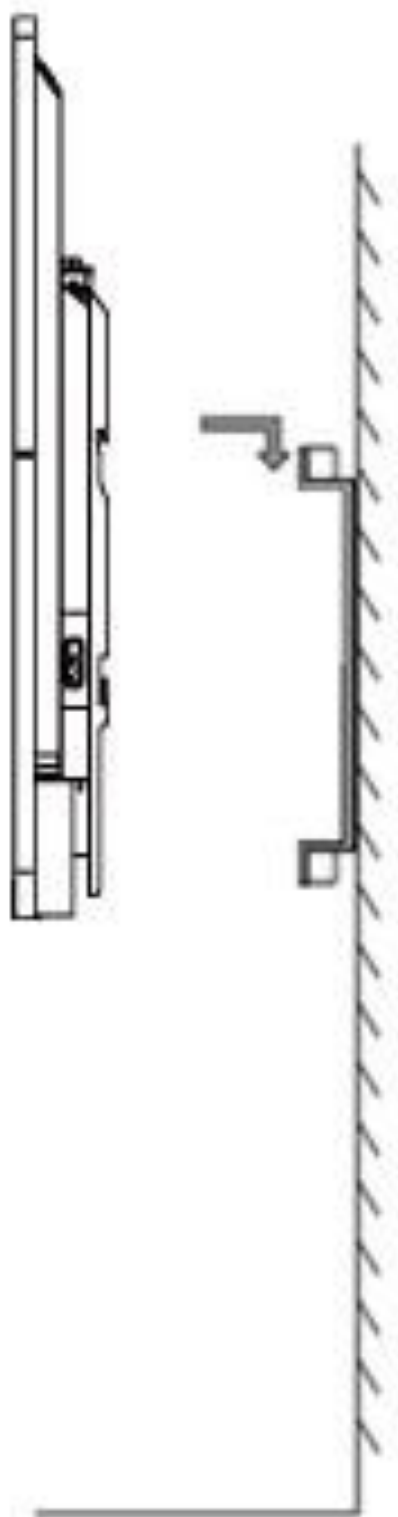
## ▪ Dimension



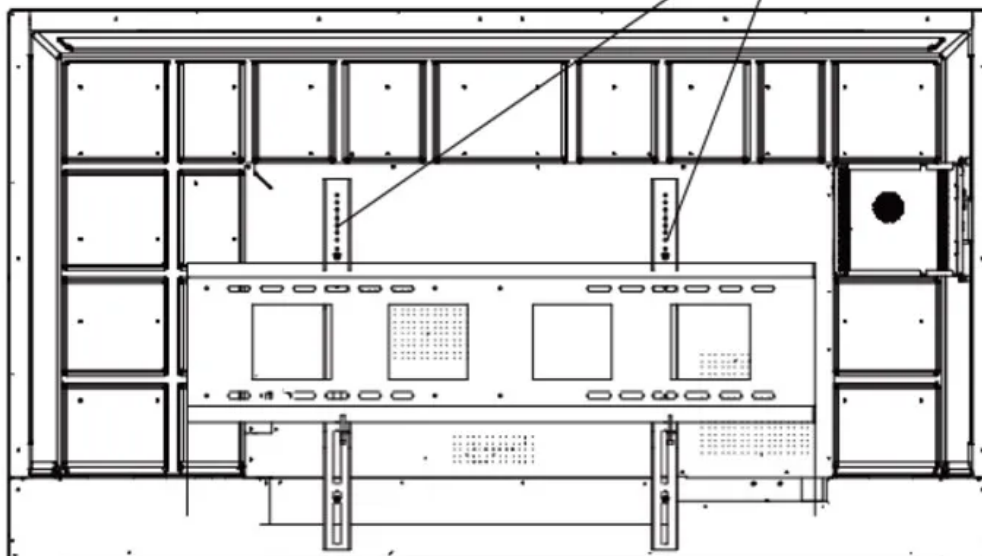


▪ Installation





The rear should be installed on the hook holes





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