

## DS-D5B75RB/FL 75-inch 4K Interactive Display



- UHD 4K display with resolution of 3840 × 2160.
- Anti-glare and anti-blocking design to ensure smooth interaction.
- Dual systems of Android and Windows (optional) saving cost and easy to use, video conference software are recommended to run under Windows system.
- Quick response, at most 40-point touch controls and smooth writing experience.
- Multi-button design in front, convenient for classroom use.
- Compatible with OPS/OPS-C devices, realizing smooth switch between built-in systems.

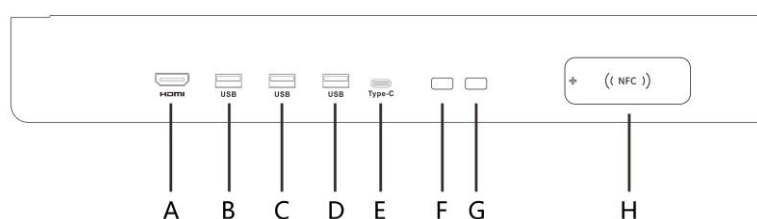
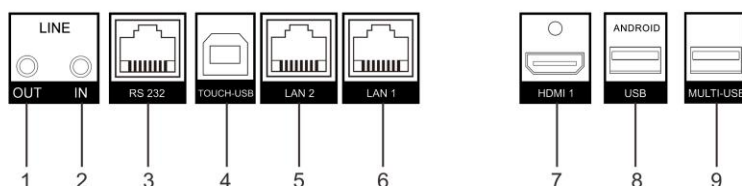
## ▪ Specification

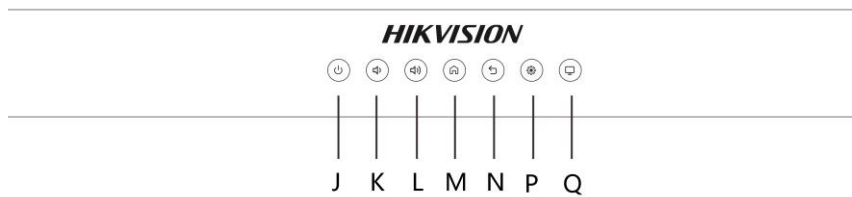
| Product Model        |                                                                     |
|----------------------|---------------------------------------------------------------------|
| Product Model        | DS-D5B75RB/FL                                                       |
| Display              |                                                                     |
| Screen Size          | 75 inch                                                             |
| Backlight            | DLED                                                                |
| Pixel Pitch          | 0.143 (H) mm × 0.430 (V) mm                                         |
| Resolution           | 3840 × 2160 @60 Hz                                                  |
| Brightness           | 400 cd/m <sup>2</sup> (Typ.)                                        |
| Color Depth          | 8 bit + RFC                                                         |
| Display Color        | 1.07 G                                                              |
| Response Time        | 5 ms                                                                |
| Panel Type           | IPS                                                                 |
| Contrast Ratio       | 1200:1 (Static)<br>15,000:1 (Dynamic)                               |
| Color Gamut          | 72% NTSC (CIE1931) (Typ.)                                           |
| Refresh Rate         | 60 Hz                                                               |
| Viewing Angle        | 178°(H)/178°(V)                                                     |
| Aspect Ratio         | 16:9                                                                |
| Surface Haze         | 25% Haze                                                            |
| Display Area         | 1649.66 mm × 927.94 mm                                              |
| Working Duration     | 7 × 16 H                                                            |
| Surface Hardness     | 9H (Pencil)<br>7 (Mohs)                                             |
| Surface Glass        | 3.2 mm Anti-Glare Glass                                             |
| Transmittance        | ≥ 88%                                                               |
| Lifespan             | 50,000 hours                                                        |
| Touch                |                                                                     |
| Type                 | Infrared Touch Screen                                               |
| Touch Point          | 40-point multi-touch                                                |
| Touch Response Time  | < 5 ms                                                              |
| Minimum Touch Object | ≥ 2 mm (≥ 90% touching area)                                        |
| Touch Precision      | ± 1 mm (≥ 90% touching area)                                        |
| Touch Resolution     | 32767 × 32767                                                       |
| Built-in System      |                                                                     |
| Operation System     | Android 13.0                                                        |
| Memory               | 8 GB                                                                |
| Built-in Storage     | 128 GB                                                              |
| CPU                  | Cortex-A55 × 4 (1.92 GHz)                                           |
| HDCP Version         | Support 1.4/2.2/2.3                                                 |
| GPU                  | Mali-G52 MP2 (2EE)                                                  |
| Camera               |                                                                     |
| Pixel                | Pixel 48 MP for Photos & 8 MP for Video                             |
| Camera Function      | Supports intelligent switching between Android system, OPS, and PC. |
| Field Angle          | 93.4° (diagonal), 84.5° (horizontal), 54.1° (vertical)              |
| Distortion           | ≤ 2.5%                                                              |

|                                              |                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera Resolution Ratio                      | Up to 4K                                                                                                                                                                                                                                                                                                                |
| <b>Microphone</b>                            |                                                                                                                                                                                                                                                                                                                         |
| Specification                                | Omni-directional 8-array layout                                                                                                                                                                                                                                                                                         |
| Mic Function                                 | Echo reduction and smart noise-cancellation                                                                                                                                                                                                                                                                             |
| Voice Distance                               | 12 m                                                                                                                                                                                                                                                                                                                    |
| Sampling Rate                                | 32 K                                                                                                                                                                                                                                                                                                                    |
| Mic Depth                                    | 16 bit                                                                                                                                                                                                                                                                                                                  |
| <b>Internal Function</b>                     |                                                                                                                                                                                                                                                                                                                         |
| Loudspeaker                                  | Built-in 2 × 20 W                                                                                                                                                                                                                                                                                                       |
| Speaker Frequency                            | 200-20Khz                                                                                                                                                                                                                                                                                                               |
| Bluetooth                                    | Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.2                                                                                                                                                                                                                                                       |
| NFC                                          | Support card reader                                                                                                                                                                                                                                                                                                     |
| Light Sensor                                 | Yes                                                                                                                                                                                                                                                                                                                     |
| <b>Interface</b>                             |                                                                                                                                                                                                                                                                                                                         |
| Video & Audio Input                          | HDMI In (HDMI 2.0) × 2, Audio In × 1                                                                                                                                                                                                                                                                                    |
| Video & Audio Output                         | Audio Out × 1                                                                                                                                                                                                                                                                                                           |
| Control Interface                            | TOUCH-USB 2.0 × 1, RS232 × 1                                                                                                                                                                                                                                                                                            |
| Network Interface                            | LAN (100 Mbps) × 2<br>Wi-Fi AP & Station, 2.4G/5G<br>Wi-Fi AP: IEEE 802.11 a/b/g/n/ac 2 × 2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP<br>Wi-Fi Station: IEEE 802.11 a/b/g/n/ac/ax 1 × 1 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP |
| Data Transmission Interface                  | USB 3.0 × 3, USB 2.0 × 2, Type-C × 1 (Type-C supports USB 2.0)                                                                                                                                                                                                                                                          |
| <b>Power</b>                                 |                                                                                                                                                                                                                                                                                                                         |
| Power Supply                                 | 100 to 240 VAC, 50/60 Hz                                                                                                                                                                                                                                                                                                |
| Standby Consumption                          | ≤ 0.5 W                                                                                                                                                                                                                                                                                                                 |
| Max. Consumption                             | 217 W                                                                                                                                                                                                                                                                                                                   |
| Average Consumption                          | 175 W                                                                                                                                                                                                                                                                                                                   |
| <b>General</b>                               |                                                                                                                                                                                                                                                                                                                         |
| Package Dimensions (W × H × D)               | 1907 mm × 1160 mm × 223 mm                                                                                                                                                                                                                                                                                              |
| VESA                                         | 800 mm × 400 mm (4 × M8-25 mm)                                                                                                                                                                                                                                                                                          |
| Net Weight                                   | 46.8 kg                                                                                                                                                                                                                                                                                                                 |
| Gross Weight                                 | 63.3 kg                                                                                                                                                                                                                                                                                                                 |
| Accessory                                    | Wall mount bracket, hook, user manual, stylus × 2, packing list, 1.5 m power cable (European standard), remote controller                                                                                                                                                                                               |
| Product Dimensions (With Wall Attachment)    | 1713.23 mm × 1038.54 mm × 111.9 mm                                                                                                                                                                                                                                                                                      |
| Product Dimensions (Without Wall Attachment) | 1713.23 mm × 1038.54 mm × 82.5 mm                                                                                                                                                                                                                                                                                       |
| <b>Working Environment</b>                   |                                                                                                                                                                                                                                                                                                                         |
| Working Temperature                          | 0 °C to 40 °C (32 °F to 104°F)                                                                                                                                                                                                                                                                                          |
| Working Humidity                             | 10%~90% RH                                                                                                                                                                                                                                                                                                              |

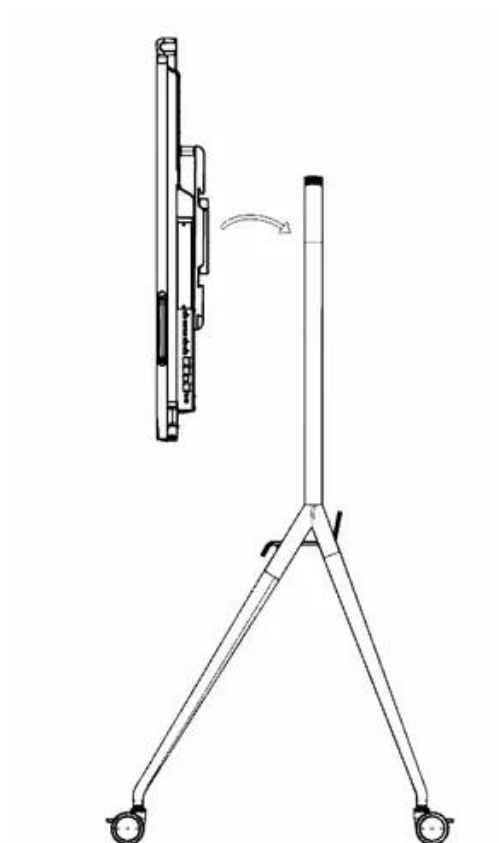
## Physical Interface

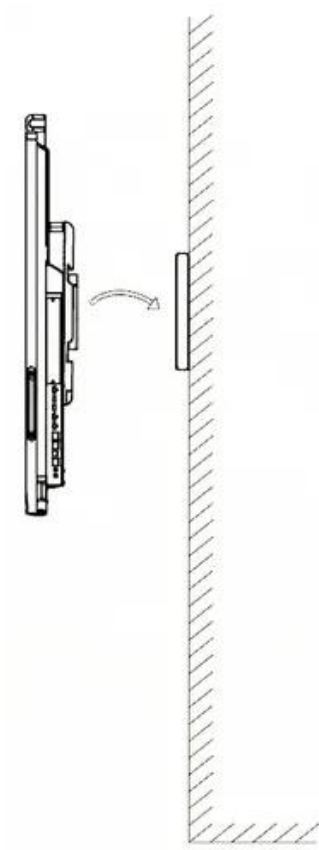
| Interface     | Description                    | Interface | Description         |
|---------------|--------------------------------|-----------|---------------------|
| 1.Line OUT    | Audio output interface         | E.Type-C  | Type-C interface    |
| 2.Line IN     | Audio input interface          | F.        | Light sensor        |
| 3.RS 232      | Serial port interface          | G.        | Remote-control unit |
| 4.TOUCH-USB   | Peripheral touch interface     | H.        | NFC area            |
| 5.LAN 2       | LAN 2 interface                | J.        | Power Key           |
| 6.LAN 1       | LAN 1 interface                | K.        | Volume -            |
| 7.HDMI IN 1   | HDMI 1 input interface         | L.        | Volume +            |
| 8.ANDROID USB | Android USB interface          | M.        | Android host menu   |
| 9.MULTI-USB   | Multi-functional USB interface | N.        | Return              |
| A.HDMI        | HDMI input interface           | P.        | Control menu        |
| B.USB         | Multi-functional USB interface | Q.        | PC shutdown         |
| C.USB         | Multi-functional USB interface |           |                     |
| D.USB         | Multi-functional USB interface |           |                     |





## ▪ Installation



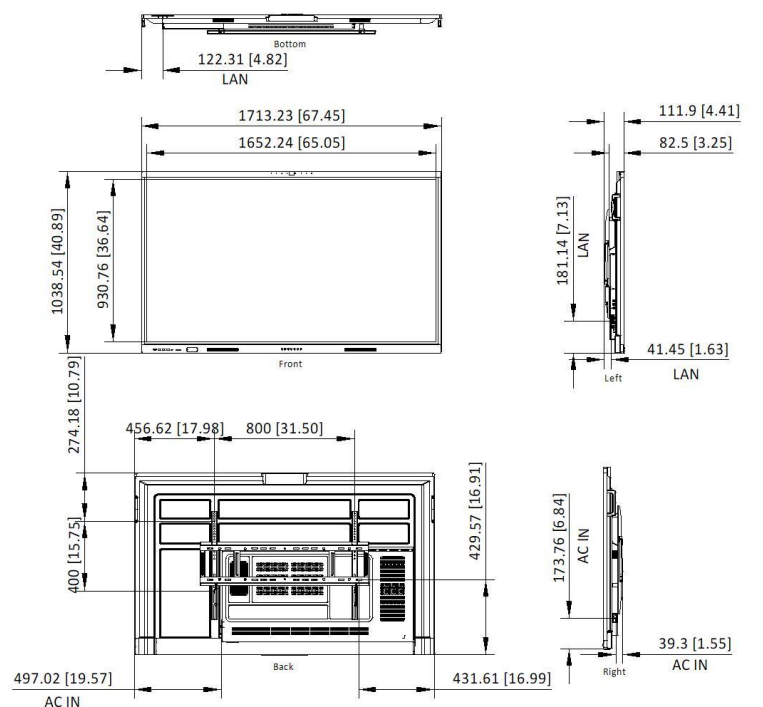


▪ **Available Model**

DS-D5B75RB/FL/8G+128G

▪ **Dimension**

If the equipment is installed embedded in the wall, reserve at least 50mm from each side.



Unit: mm [inch]

SCALE 1:5

## ▪ Accessory

### ▪ Optional

| DS-D5ABKY2-S<br>55-65-75"<br>Conference Flat<br>Panel Brackets                      | DS-D5SC3B-B<br>Wireless Dongle                                                      | DS-D5SC3B-W<br>Wireless Dongle                                                      | DS-D5AC12T5-8S2<br>OPS Module                                                        | DS-D5AC12T7-16S5<br>OPS Module                                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |

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