

## DS-D5C98RB/A2L 98-inch 4K Interactive Display



The Hikvision WonderHub Interactive Flat Panel is an intelligent interactive display featuring a 4K UHD display, interactive control, and wireless screen casting. Powered by the WonderOS operating system and leveraging its WonderHub Class cloud platform and WonderHub AI capabilities, it is ideal for classrooms, training centers, meeting rooms, and other collaboration spaces.

- UHD 4K display with a resolution of 3840 × 2160 and 480 nits brightness.
- Anti-glare and anti-blocking design to ensure smooth interaction.
- Dual systems of Android and Windows (optional with 195 × 30 × 180 mm OPS) saving cost and easy to use, video conferencing software is recommended to run on the Windows system.
- Quick response, at most 50-point touch control and smooth writing experience.
- Built-in network switch chip eliminates the need for an external network switch.
- Multi-button front design for convenient classroom use.
- All-in-one design with tempered glass and intelligent temperature control, making it environmentally friendly and safety-guaranteed.
- Built-in Android 14 system, EDLA certified.
- Dual full-function USB Type-C ports, supporting total power delivery up to 100W and DisplayPort 1.2 input.
- Built-in sensors for light, humidity, and temperature monitoring.

## ▪ Specification

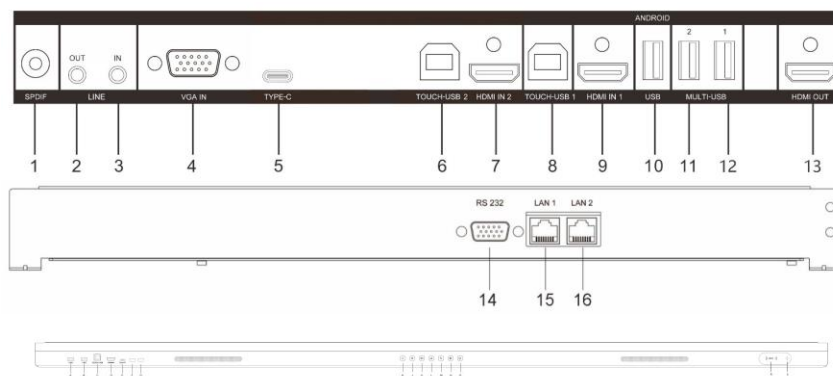
| Model           |                      | DS-D5C98RB/A2L                      |
|-----------------|----------------------|-------------------------------------|
| Product Model   | Product Model        | DS-D5C98RB/A2L                      |
| Display         | Screen Size          | 98 inch                             |
|                 | Backlight            | DLED                                |
|                 | Pixel Pitch          | 0.164(H) × 0.493(V)                 |
|                 | Resolution           | 3840 × 2160 @60 Hz                  |
|                 | Brightness           | 600 cd/m <sup>2</sup> (Typ.)        |
|                 | Color Depth          | 10 bit                              |
|                 | Display Color        | 1.07 B                              |
|                 | Response Time        | 5 ms                                |
|                 | Panel Type           | IPS                                 |
|                 | Contrast Ratio       | 1200: 1                             |
|                 | Color Gamut          | 72% NTSC (CIE1931) (Typ.)           |
|                 | Refresh Rate         | 60 Hz                               |
|                 | Viewing Angle        | 178° (H)/178° (V)                   |
|                 | Aspect Ratio         | 16:9                                |
|                 | Surface Hardness     | 9H (Pencil)<br>7 (Mohs)             |
|                 | Surface Glass        | Anti-Glare & Anti-Fingerprint glass |
|                 | Surface Haze         | 25% Haze                            |
|                 | Glass Bonding Method | Zero Lamination                     |
|                 | Display Area         | 2158.85 mm × 1214.35 mm             |
|                 | Working Duration     | 7 × 16 H                            |
|                 | Transmittance        | 88% ± 3                             |
|                 | Lifespan             | 50,000 hours                        |
| Touch           | Type                 | Infrared Touch Screen               |
|                 | Touch Point          | Up to 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 14.0                        |
|                 | Memory               | 8 GB + Max 16 GB Virtual RAM        |
|                 | Built-in             | 128 GB                              |

|                   |                                 |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | Storage                         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|                   | Processor                       | Quad-core Cortex-A76 × 4 (2.4 GHz) and quad-core Cortex-A55 × 4 (1.8 GHz)                                                                                                                                                                                                                                                                                                                                 |
|                   | GPU                             | Mali-G610 MC4                                                                                                                                                                                                                                                                                                                                                                                             |
|                   | HDCP Version                    | 2.3 & 2.0 & 1.4                                                                                                                                                                                                                                                                                                                                                                                           |
|                   | NPU                             | 6TOPs                                                                                                                                                                                                                                                                                                                                                                                                     |
| Internal Function | Loudspeaker                     | Built-in 2 × 20 W + 25 W loudspeakers                                                                                                                                                                                                                                                                                                                                                                     |
|                   | Language Supported              | Simplified Chinese, German, Italian, Arabic, Portuguese, Dutch, French, Indonesian, Thai, Vietnamese, Japanese, Spanish, English, Czech, Danish, Hungarian, Polish, Turkish, Russian, Romanian, Slovak, Korean, Uzbek, Bulgarian, Greek, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Hebrew, Ukrainian, Traditional Chinese (HK), Traditional Chinese (TW), Hindi, Latvian, Kazakh, Nepali |
|                   | Bluetooth                       | Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.4                                                                                                                                                                                                                                                                                                                                         |
|                   | NFC                             | Supports card reader<br>13.56 MHz, (ISO 14443A/ ISO 14443B/ ISO 15693)                                                                                                                                                                                                                                                                                                                                    |
|                   | Light Sensor                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                       |
|                   | Humidity and Temperature Sensor | Relative humidity accuracy: up to ± 1.5 %RH; Temperature accuracy: up to ± 0.1 °C                                                                                                                                                                                                                                                                                                                         |
|                   | AI Function                     | AI Assistant, AI Identify, and AI Notes. Free for a 1-year validity period with 6,000 minutes for AI Notes.                                                                                                                                                                                                                                                                                               |
|                   | Whiteboard                      | Built-in whiteboard supports handwriting recognition, graphics recognition, document insertion, and more.                                                                                                                                                                                                                                                                                                 |
|                   | ScreenCast                      | Built-in WonderCast software supports screen casting for up to 9 devices simultaneously.                                                                                                                                                                                                                                                                                                                  |
|                   |                                 |                                                                                                                                                                                                                                                                                                                                                                                                           |
| Interface         | Video & Audio Input             | HDMI 2.1 TMDS × 3 (Front × 1; Rear × 2; Supports HDCP2.3 & 2.0 & 1.4; Supports HDMI CEC protocol)<br>VGA × 1 (Rear)<br>Audio × 1 (Rear)                                                                                                                                                                                                                                                                   |
|                   | Video & audio output            | HDMI 2.1 TMDS × 1 (Rear)<br>Audio × 1 (Rear)<br>SPDIF × 1 (Rear)                                                                                                                                                                                                                                                                                                                                          |
|                   | Control interface               | TOUCH-USB 3.0 × 1 (Front × 1)<br>TOUCH-USB 2.0 × 2 (Rear × 2)<br>RS232 × 1 (Rear)                                                                                                                                                                                                                                                                                                                         |
|                   | Network Interface               | LAN (1000 Mbps) × 2 (Rear)<br>Wi-Fi AP & Station, 2.4 G/5 G<br>Wi-Fi 6, IEEE 802.11 a/b/g/n/ac/ax 2 × 2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP                                                                                                                                                                                                              |
|                   | Data Transmission Interface     | USB 3.0 × 4 (Front × 2; Rear × 2)<br>USB 2.0 × 1 (Rear)<br>Type-C × 2 (Front × 1; Rear × 1; Supports USB 2.0, 100 W charging functions, DP IN 1.2)                                                                                                                                                                                                                                                        |
| Power             | Power Supply                    | 100 to 240 VAC, 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                  |
|                   | Standby Consumption             | ≤ 0.5 W                                                                                                                                                                                                                                                                                                                                                                                                   |
|                   | Average Consumption             | < 325 W                                                                                                                                                                                                                                                                                                                                                                                                   |

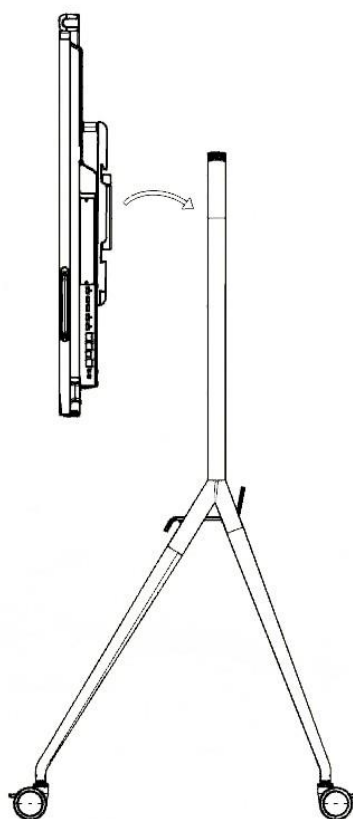
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|----------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Working Environment</b> | Working Temperature                          | 0 °C to 40 °C (32 °F to 104 °F)                                                                                                                                              |
|                            | Working Humidity                             | 10%~90% RH                                                                                                                                                                   |
| <b>General</b>             | VESA                                         | 1000 mm × 400 mm (4 × M8-20 mm)                                                                                                                                              |
|                            | Accessory                                    | Wall mount bracket, hook, user manual, touch writing pen, packing list, 3 M touch USB cable, 3.5 M HDMI cable (2.0), 3 M power cable, remote control, screen cleaning cloth. |
|                            | Package Dimensions (W × H × D)               | 2525 mm × 1700 mm × 325 mm                                                                                                                                                   |
|                            | Net Weight                                   | 99.6 kg ± 0.5 kg                                                                                                                                                             |
|                            | Gross Weight                                 | 140 kg ± 0.5 kg                                                                                                                                                              |
|                            | Product Dimensions (With Wall Attachment)    | 2219.8 × 1341.85 × 128.3 mm                                                                                                                                                  |
|                            | Product Dimensions (Without Wall Attachment) | 2219.8 × 1341.35 × 104.61 mm                                                                                                                                                 |

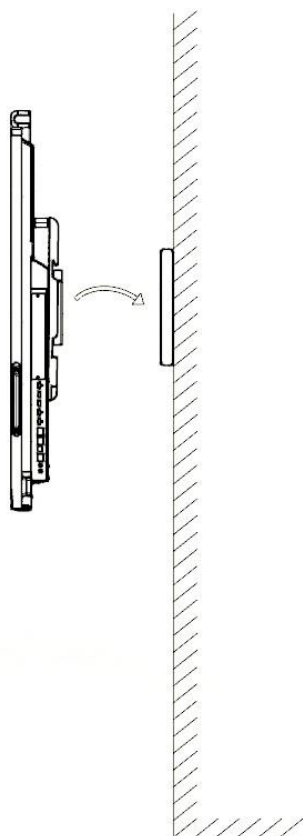
## • Physical Interface

| Interface      | Description                        | Interface      | Description                        |
|----------------|------------------------------------|----------------|------------------------------------|
| 1.SPDI F       | SPDI F interface                   | 2.Line OUT     | Audio output interface             |
| 3.Line IN      | Audio input interface              | 4.VGA IN       | Video devices connection interface |
| 5.TYPE-C       | Type-C interface with DP input     | 6.TOUCH-USB 2  | Peripheral touch interface         |
| 7.HDMI IN 2    | HDMI 2 input interface             | 8.TOUCH-USB    | Peripheral touch interface         |
| 9.HDMI IN 1    | HDMI 1 input interface             | 10.USB         | USB 2.0 interface                  |
| 11.MULTI-USB 2 | Multi-functional USB 3.0 interface | 12.MULTI-USB 1 | Multi-functional USB 3.0 interface |
| 13.HDMI OUT    | HDMI output interface              | 14.RS 232      | RS 232 Control interface           |
| 15.LAN 1       | LAN 1 interface                    | 16. LAN 2      | LAN 2 interface                    |
| A.USB          | USB 3.0 interface                  | B.USB          | USB 3.0 interface                  |
| C.TOUCH-USB    | Peripheral touch interface         | D.HDMI IN      | HDMI input interface               |
| E.TYPE-C       | Type-C interface with DP input     | F.             | Light sensor                       |
| G.             | Remote-control unit                | H.             | Power Key                          |
| J.             | Volume -                           | K.             | Volume +                           |
| L.             | Android host menu                  | M.             | Return                             |
| N.             | Control menu                       | P.             | PC shutdown                        |
| R.             | NFC area                           | S.             | Humidity&Temperature Sensor        |

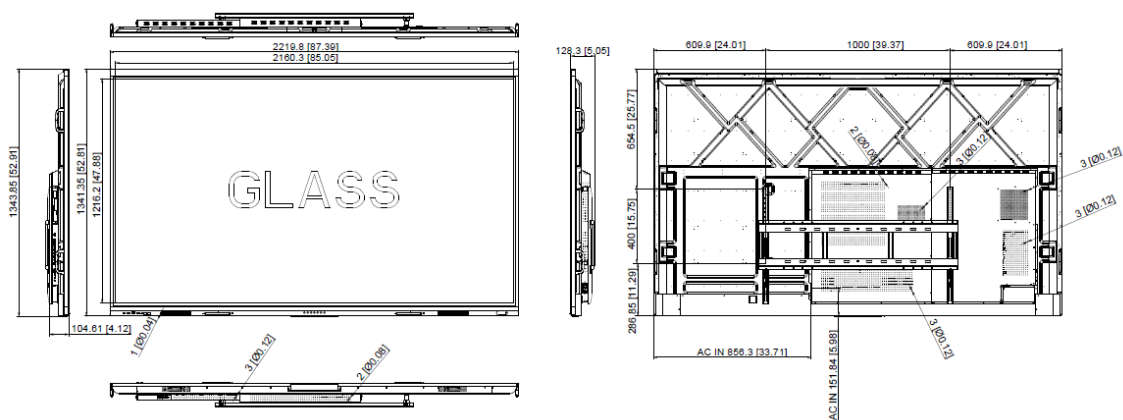


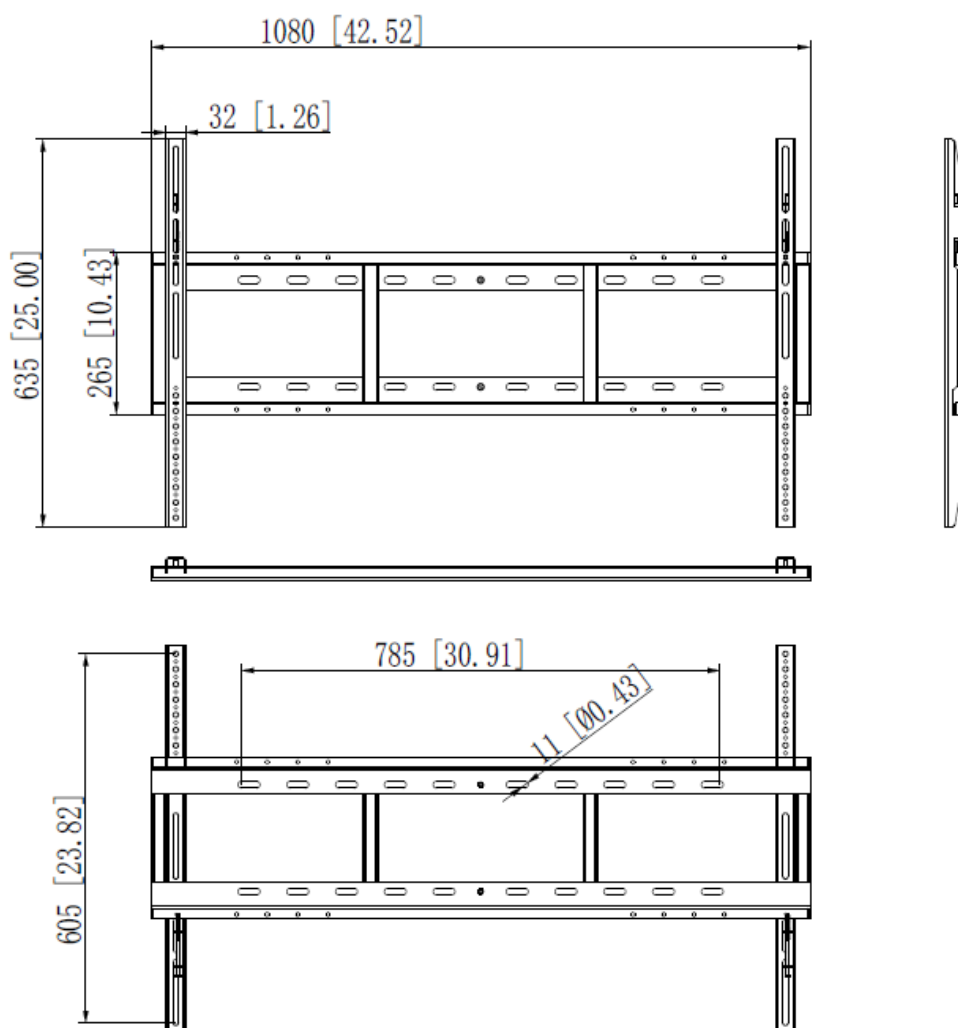
## ▪ Installation





## ▪ Dimension





▪ Accessory

▪ Optional

| DS-D5AC13G7-16S<br>5<br>OPS Module                                                  | DS-D5AC12G5-8S2<br>OPS Module                                                       | DS-D5SC3B-B<br>Wireless Dongle                                                      | DS-D5ABKY2-B<br>86-98" Conference<br>Flat Panel Brackets                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |

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