

## ▪ Specification

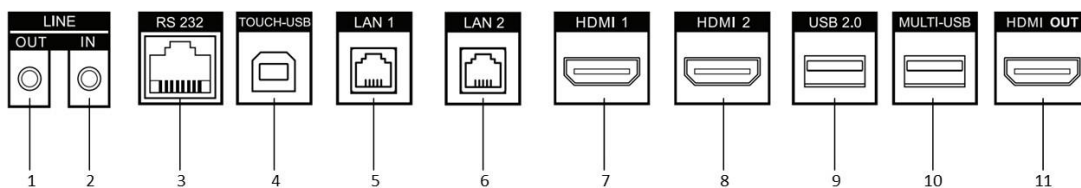
| Model                      |                                | DS-D5B86RB/B  |
|----------------------------|--------------------------------|---|
| <b>Product Model</b>       | Product Model                  | DS-D5B86RB/B  |
| <b>Display</b>             | Screen Size                    | 86 inch LED Backlight   |
|                            | Backlight                      | DLED  |
|                            | Pixel Pitch                    | 0.164 (H) × 0.493 (V) mm  |
|                            | Resolution                     | 3840 × 2160@60 Hz   |
|                            | Brightness                     | 350 cd/m <sup>2</sup>   |
|                            | Viewing Angle                  | 178°(H)/178°(V)   |
|                            | Color Depth                    | 10 bit  |
|                            | Contrast Ratio                 | 1200:1(Typ.)  |
|                            | Response Time                  | 6 ms  |
|                            | Refresh Rate                   | 60 Hz   |
|                            | Color Gamut                    | 90% NTSC(CIE1931)(Typ.)   |
| <b>Built-in System</b>     | Operation System               | Android 8.0   |
|                            | Processor                      | 4-core A73 × 2 + A53 × 2, 1.5 GHz   |
|                            | Memory                         | 3 GB  |
|                            | Built-In Storage               | 32 GB   |
|                            | NIC                            | Built-in 100 Mbps NIC, supporting routing   |
| <b>Touch</b>               | Type                           | Infrared touch screen   |
|                            | Glass                          | Smooth tempered glass being anti-glare and explosion-proof                              |
|                            | Touch Point                    | 20 point multi-touch  |
|                            | Touch Response Time            | < 10 ms   |
|                            | Touch Precision                | ± 1 mm (≥ 90% touching area)  |
|                            | Optical Bonding                | Support   |
| <b>Interface</b>           | Video & Audio Input            | HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1   |
|                            | Video & Audio Output           | HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1  |
|                            | Network Interface              | RJ45 (100 Mbps port) × 2  |
|                            | Data Transmission Interface    | USB on front panel × 2, USB on rear panel × 2, touch USB × 1                            |
|                            | Control Interface              | RS-232 × 1  |
| <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>Power</b>               | Power Consumption              | ≤ 420 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   |
| <b>General</b>             | Power Supply                   | 100 to 240 VAC, 50/60 Hz  |
|                            | Product Dimensions (W × H × D) | 1963 × 1159 × 87.5 mm (77.3'' × 45.6'' × 3.4'')   |
|                            | Package Dimensions (W × H × D) | 2187 × 1366 × 274 mm (86.1'' × 53.8'' × 10.8'')   |
|                            | Net Weight                     | 65.62 kg (144.67 lb.)   |

|                   |                         |   |
|-------------------|-------------------------|---|
|                   | Gross Weight            | 86.74 kg (191.23 lb.)                           |
| <b>Camera</b>     | Pixel                   | 8 MP  |
|                   | Camera Function         | Smart switch between Android system and OPS     |
|                   | Field Angle             | 100 °(diagonal), 90°(horizontal), 66°(vertical) |
|                   | Distortion              | ≤1%   |
|                   | Camera Resolution Ratio | Up to 4K  |
| <b>Microphone</b> | Specification           | Omni-directional 6-array layout                 |
|                   | Mic Function            | Echo reduction and smart noise-cancellation     |
|                   | Sound-Pickup Distance   | 8 m   |
|                   | Sampling Rate           | 32 K  |
|                   | Mic Sampling Rate       | 16 bit  |

## ▪ Available Model

DS-D5B86RB/B

## ▪ Physical Interface



| Interface   | Description            | Interface    | Description                    |
|-------------|------------------------|--------------|--------------------------------|
| 1.LINE OUT  | Audio output interface | 2.LINE IN    | Audio input interface          |
| 3.RS-232    | RS-232 serial port     | 4.TOUCH-USB  | Peripheral touch interface     |
| 5.LAN 1     | Ethernet interface 1   | 6. LAN 2     | Ethernet interface 2           |
| 7.HDMI 1    | HDMI input interface 1 | 8.HDMI 2     | HDMI input interface 2         |
| 9.USB 2.0   | USB 2.0 interface      | 10.MULTI-USB | Multi-functional USB interface |
| 11.HDMI OUT | HDMI output interface  |              |                                |

▪ Dimension

