



DS-D5B86RB/D Interactive Flat Panel

114-393



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 module 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

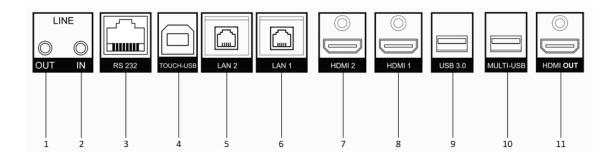
| Display | Product Model | | | | |
|--|-----------------------------|---|--|--|--|
| Screen Size 86 inch LED Backlight DIED Pixel Pitch 0.164 (H) × 0.493 (V) mm Resolution 3840 × 2160@60 Hz Brightness 350 cd/m² Color Depth 10 bit Contrast Ratio 1200 : 1 (Typ.) Response Time 6 ms Color Gamut 90% NTSC (CIE1931) (Typ.) Refresh Rate 60 Hz Viewing Angle 178" (H) / 178" (V) Built-in System Operation System Operation System Android 11 Processor A72*2 + A53*4, 1.8 GHz Memory 4 GB Built-in Storage 64 GB Built-in Storage 64 GB NIC Built-in 1000 Mbps NIC, supporting routing; IEEE 802.11 a/b/g/n/ac with 2 × 2 MIMO, supporting both 2.4 GHz and 5GHz bands Touch Touch Type Infrared touch screen Glass A6 smooth glass Touch Point Max 45 point multi-touch Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Bulletion th <th< td=""><td>Product Model</td><td colspan="4">DS-D5B86RB/D</td></th<> | Product Model | DS-D5B86RB/D | | | |
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| Standby Consumption 0.5 W | Power | | | | |
| | Power Consumption | ≤ 490 W (full load) | | | |
| Working Environment | Standby Consumption | 0.5 W | | | |
| | Working Environment | | | | |
| Working Temperature 0 2 to 40 2 (32 2 to 104 2) | Working Temperature | 0 2 to 40 2 (32 2 to 104 2) | | | |
| Working Humidity 10% to 90% RH | Working Humidity | 10% to 90% RH | | | |



| General | | | | |
|--|---|--|--|--|
| Power | 100 to 240 V, AC, 50/60 Hz | | | |
| Product dimensions | 1963 × 1159 × 87.5 mm | | | |
| Package Dimensions (W \times H \times D) | 2187 × 1366 × 274 mm | | | |
| Net Weight | 65.62 kg | | | |
| Gross Weight | 86.74 kg | | | |
| Lifespan | 50000 hours | | | |
| 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 | | | |

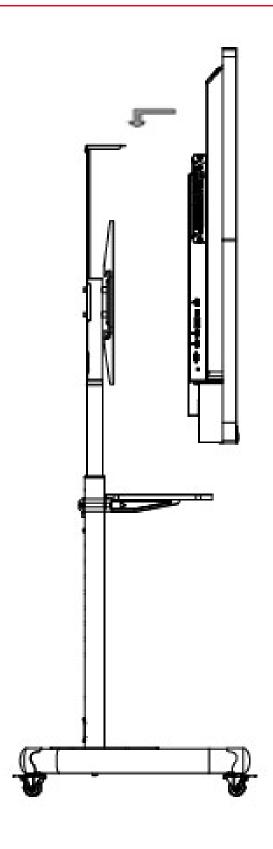
Physical Interface

| 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 | | |

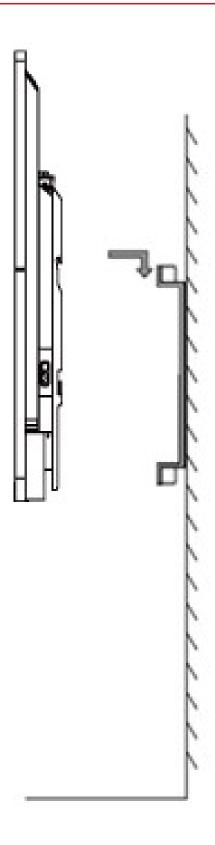


Installation



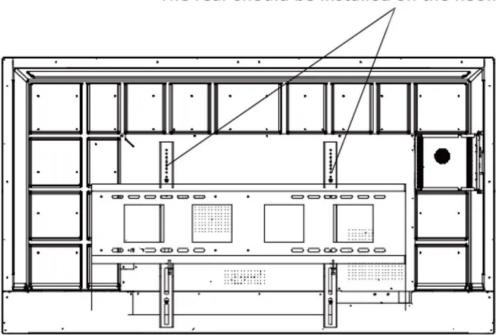




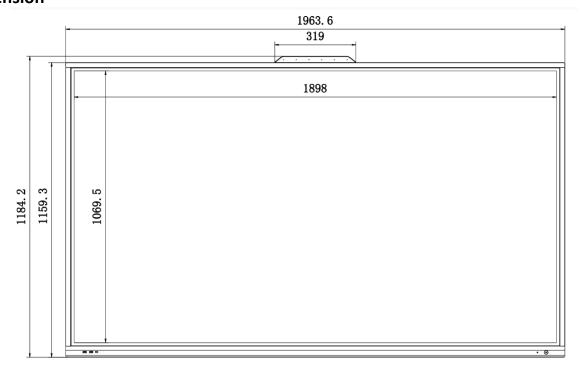




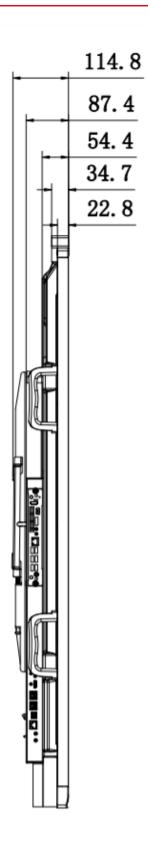




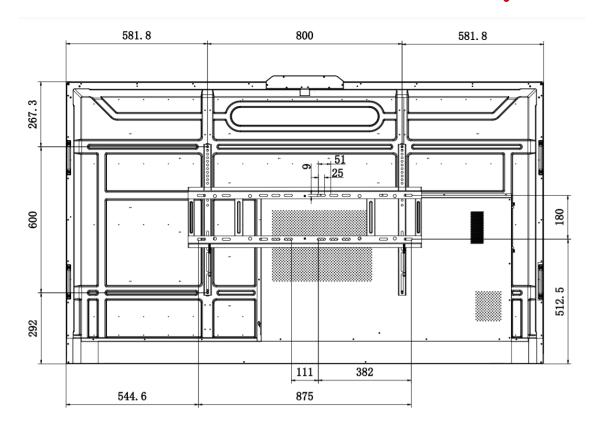
Dimension

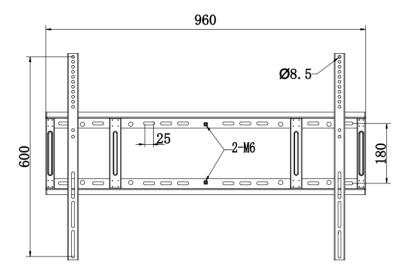














ORDERING INFORMATION

114-393

Hikvision DS-D5B86RB/D 86" Smart interactive screen









Innovative Electronic Solutions

www.ness.com.au