

DS-D5B86RB/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 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

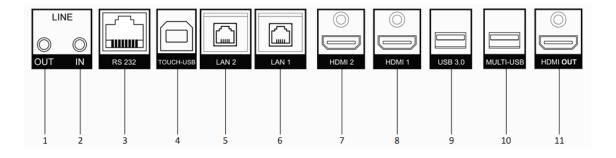
DS-D5886RB/D	Product Model				
Screen Size	Product Model	DS-D5B86RB/D			
Backlight DLED	Display				
Pixel Pitch 0.164 (H) × 0.493 (V) mm Resolution 3840 × 2160@60 Hz Brightness 350 cd/m² Color Depth 10 bit Contrast Ratio 1200 : 1 (Typ.) Response Time 6 ms Color Gamut 90% NTSC (CIE1931) (Typ.) Refresh Rate 60 Hz Viewing Angle 178" (H) / 178" (V) Built-in System Operation System 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; IEEE 802.11 a/b/g/n/ac with 2 × 2 MIMO, supporting both 2.4 GHz and 5GHz bands Touch Touch Touch Type Infrared touch screen Glass AG smooth glass Touch Precision ± 1 mm (≥ 90% touching area) Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Built-in 2 × 16 W loudspeaker Buletooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version	Screen Size	86 inch LED Backlight			
Resolution 3840 × 2150@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 Android 11 Processor A72*2 + A53*4, 1.8 GHz Memory 4 6B Built-in Storage 64 GB NIC supporting both 2.4 GHz and 5 GHz bands Touch Type Infrared touch screen Glass AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Point Max 45 point multi-touch Touch Posision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4 K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4 & 660 Hz, LINE OUT × 1 Network Interface R5-232 × 1, Touch-USB × 1 Network Interface R49 W (full load) Standby Consumption ≤ 490 W (full load) Standby Consumption S W Vorking Temperature O °C to 40 °C (32 °F to 104 °F)	Backlight	DLED			
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 Android 11 Processor A72*2 + A53*4, 1.8 GHz Memory 4 GB Built-in Storage 64 GB Built-in Storage 64 GB Built-in Storage 64 GB Built-in Storage 64 GB RIC supporting both 2.4 GHz and 5 GHz bands Touch 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control Interface R-2-32 × 1, Touch-USB × 1 Network Interface R-123 × 1, Touch-USB × 1 Network Interface R-124 × 2 on front panel, USB-A × 2 on rear panel Power Power Consumption 490 W (full load) Standby Consumption 5 & W W (full load) Vorking Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Pixel Pitch	0.164 (H) × 0.493 (V) mm			
Color Depth 10 bit 1200 : 1 (Typ.) Response Time 6 ms	Resolution	3840 × 2160@60 Hz			
Contrast Ratio 1200 : 1 (Typ.) Response Time 6 ms Color Gamut 99% NTSC (CIE1931) (Typ.) Refresh Rate 60 Hz Viewing Angle 178" (H) / 178" (V) Built-in 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 AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control interface R5-232 × 1, Touch-U5B × 1 Network Interface R45-230 × 1, Touch-U5B × 1 Network Interface R45-230 × 1, Touch-U5B × 2 on front panel, U5B-A × 2 on rear panel Power Power Consumption ≤ 490 W (full load) Standby Consumption O °C to 40 °C (32 °F to 104 °F)	Brightness	350 cd/m ²			
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 Android 11 Processor A72*2 + A53*4, 1.8 GHz Memory 4 GB Built-in Storage 64 GB Built-in Storage 64 GB Built-in Storage 64 GB NIC 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 5 GHz bands Touch Type Infrared touch screen AG smooth glass Built-in 1000 Mbps NiC, supporting both 2.4 GHz and 5 GHz bands Touch Precision 4: 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in 8LE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption 490 W (full load) Volking Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Color Depth	10 bit			
Color Gamut 90% NTSC (CIE1931) (Typ.) Refresh Rate 60 Hz Viewing Angle 178" (H) / 178" (V) Built-in 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 Built-in Storage 64 GB NIC Built-in Storage 64 GB NIC 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 5 GHz bands Touch 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control Interface RS-232 × 1, Touch-USB × 1 Network Interface R45-232 × 1, Touch-USB × 1 Network Interface R45-200 W (full load) Standby Consumption \$490 W (full load) Vorking Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Contrast Ratio	1200 : 1 (Typ.)			
Refresh Rate Viewing Angle 178° (H) / 178° (V) Buit-in System 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; IEEE 802.11 a/b/g/n/ac with 2 × 2 MIMO, supporting both 2.4 GHz and 5 GHz bands Touch Touch 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Response Time	6 ms			
Viewing Angle 178° (H) / 178° (V) Built-in System Operation System Android 11 Processor A72°2 + A53°4, 1.8 GHz Memory 4 GB Built-in Storage 64 GB Built-in Storage 54 GB 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 AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth wersion Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control interface R5-232 × 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 Power Power Power Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Color Gamut	90% NTSC (CIE1931) (Typ.)			
Built-in System Operation System Android 11 Processor A72*2 + A53*4, 1.8 GHz Memory 4 GB Built-in Storage 64 GB NIC Built-in Storage 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 Type Infrared touch screen Glass AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Precision ½ 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Power Consumption 5 490 W (full load) Standby Consumption O °C to 40 °C (32 °F to 104 °F)	Refresh Rate	60 Hz			
Operation System Android 11 Processor A72*2 + A53*4, 1.8 GHz Memory 4 GB Built-in Storage 64 GB Built-in Storage NIC Touch Type Infrared touch screen Glass AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time 4 10 ms Touch Precision built-in 2 × 16 W loudspeaker Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI IN OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control interface R5-232 × 1, Touch-USB × 1 Network Interface R490 W (full load) Standby Consumption \$ 490 W (full load) Standby Consumption O °C to 40 °C (32 °F to 104 °F)	Viewing Angle	178° (H) / 178° (V)			
Processor A72*2 + A53*4, 1.8 GHz Memory 4 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 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control interface R5-23 × 1, Touch-USB × 1 Network Interface R45 (1000 Mbps port) × 2 Data Transmission Interface Power Power Power Consumption \$ 490 W (full load) Standby Consumption 0 °C to 40 °C (32 °F to 104 °F)	Built-in System				
Memory 4 GB Built-in Storage 64 GB Built-in Storage 64 GB 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 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption O °C to 40 °C (32 °F to 104 °F)	Operation System	Android 11			
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 Type Infrared touch screen Glass AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Precision t 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control interface RS-232 × 1, Touch-USB × 1 Network Interface RS-232 × 1, Touch-USB × 2 Data Transmission Interface Power Power Power Consumption ≤ 490 W (full load) Standby Consumption O °C to 40 °C (32 °F to 104 °F)	Processor	A72*2 + A53*4, 1.8 GHz			
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 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Memory	4 GB			
Touch 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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1 Control interface R5-232 × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Built-in Storage	64 GB			
Touch Type	NIC	Built-in 1000 Mbps NIC, supporting routing; IEEE 802.11 a/b/g/n/ac with 2 × 2 MIMO,			
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) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)		supporting both 2.4 GHz and 5GHz bands			
Glass AG smooth glass Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Touch				
Touch Point Max 45 point multi-touch Touch Response Time < 10 ms Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)		Infrared touch screen			
Touch Response Time < 10 ms Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)		_			
Touch Precision ± 1 mm (≥ 90% touching area) Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Touch Point	Max 45 point multi-touch			
Internal Function Loudspeaker Built-in 2 × 16 W loudspeaker Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Power Consumption ≤ 490 W (full load) Standby Consumption 0 °C to 40 °C (32 °F to 104 °F)	Touch Response Time	< 10 ms			
Loudspeaker Built-in 2 × 16 W loudspeaker Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption Standby Consumption 0.5 W Working Environment 0 °C to 40 °C (32 °F to 104 °F)	Touch Precision	± 1 mm (≥ 90% touching area)			
Bluetooth Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.0 and previous version Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Power Consumption ≤ 490 W (full load) Standby Consumption 0°C to 40°C (32°F to 104°F)	Internal Function				
Interface Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Loudspeaker	Built-in 2 × 16 W loudspeaker			
Video & Audio Input HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1 Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption Standby Consumption 0.5 W Working Environment 0 °C to 40 °C (32 °F to 104 °F)	Bluetooth				
Video & audio output HDMI OUT (HDMI 2.0) × 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 Power Power Consumption Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Interface				
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 Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Video & Audio Input	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 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 Power Power Consumption Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Video & audio output	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1			
Data Transmission Interface USB-C × 1, USB-A × 2 on front panel, USB-A × 2 on rear panel Power ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Control interface	RS-232 × 1, Touch-USB × 1			
Power Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Network Interface	RJ45 (1000 Mbps port) × 2			
Power Consumption ≤ 490 W (full load) Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Data Transmission Interface	USB-C × 1, USB-A × 2 on front panel, USB-A × 2 on rear panel			
Standby Consumption 0.5 W Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Power				
Working Environment Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Power Consumption	≤ 490 W (full load)			
Working Temperature 0 °C to 40 °C (32 °F to 104 °F)	Standby Consumption	0.5 W			
	Working Environment				
Working Humidity 10% to 90% RH	Working Temperature				
	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 × H × 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			

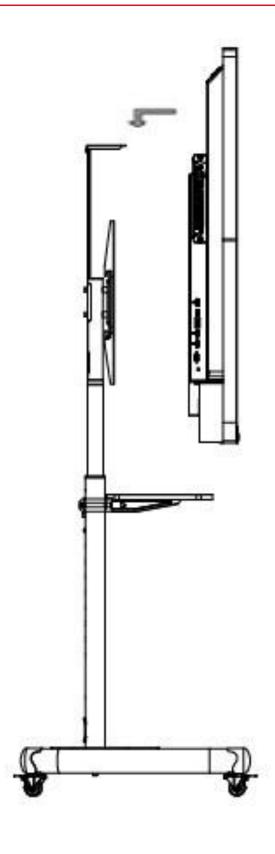
Physical Interface

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		

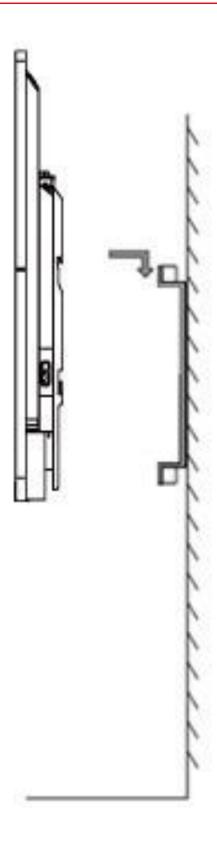


Installation



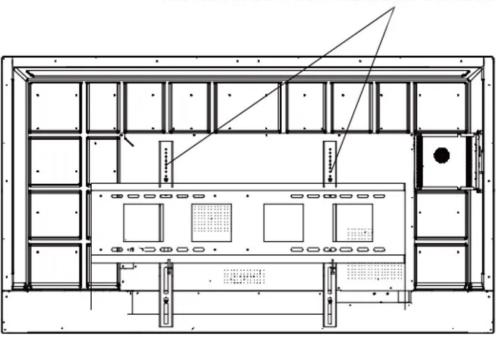








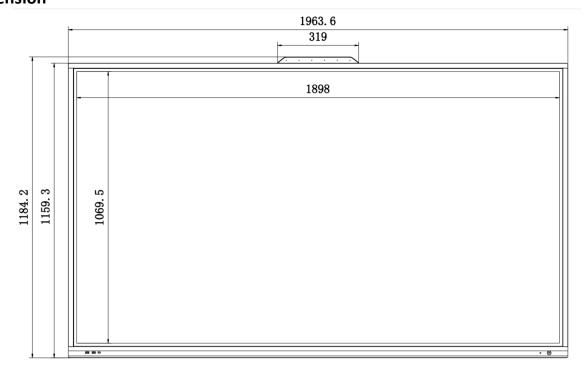




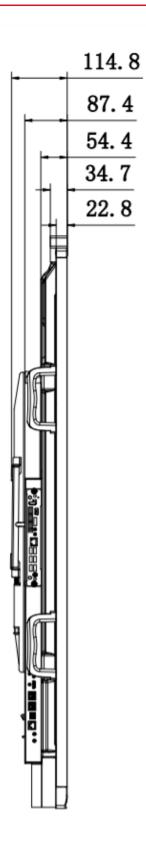
Available Model

DS-D5B86RB/D(海外标配)

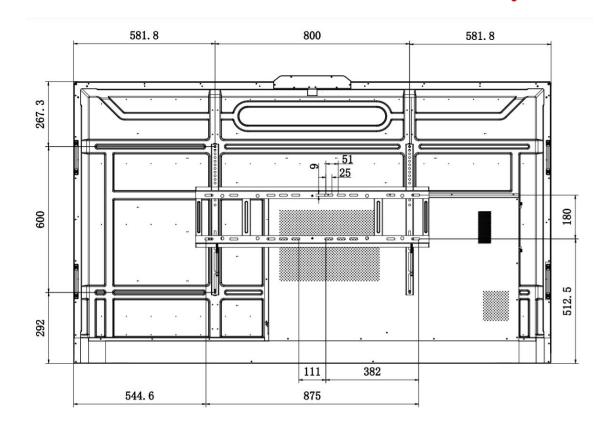
Dimension

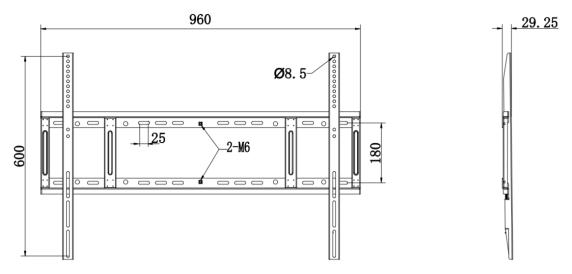
















Headquarters No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

Follow us on social media to get the latest product and solution information.





HikvisionHQ



HikvisionHQ







