

DS-D5B55RB/A Conference 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 chip 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

Product Model	
Product Model	DS-D5B55RB/A
Display	
Screen Size	55 inch LED Backlight
Backlight	DLED
Pixel Pitch	0.105(H) × 0.315(V) mm
Resolution	3840 × 2160 @60 Hz
Brightness	350 cd/m ²
Color Depth	10 bit
Contrast Ratio	4500: 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 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
Touch	
Type	Infrared touch screen
Glass	AG smooth glass
Touch Point	20 point multi-touch
Touch Response Time	< 10 ms
Touch Precision	±1 mm (≥ 90% touching area)
Touch Craft	Full paste
Internal Function	
Loudspeaker	Built-in 2 × 10 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 4 K @ 60 Hz, LINE IN × 1
Video & audio output	HDMI OUT × 1, MAX 4K @ 60 Hz; LINE OUT × 1
Control interface	RS-232 × 1
Network Interface	RJ45 (100Mbps ports) × 2
Data Transmission Interface	2 USB on front panel , 2 USB on rear panel
Power	
Power Consumption	< 200 W (full load)
Standby Consumption	0.5 W

Working Environment

Working Temperature	0 °C~40 °C
Working Humidity	10%~90% RH

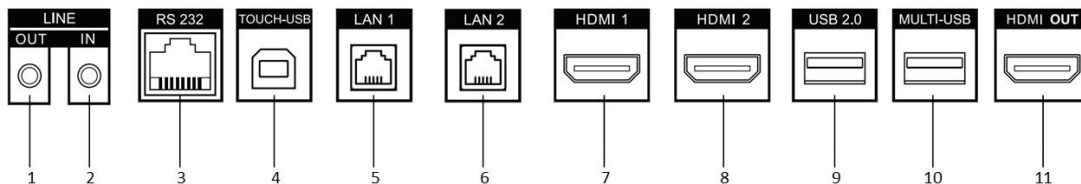
General

Power	AC 100 V ~ 240 V, 50/60 Hz
Product dimensions	1266 × 764 × 57 mm
Package Dimensions (W × H × D)	1432 x 904 x 211mm
Net Weight	29.36 kg
Gross Weight	36.19 kg

Available Model

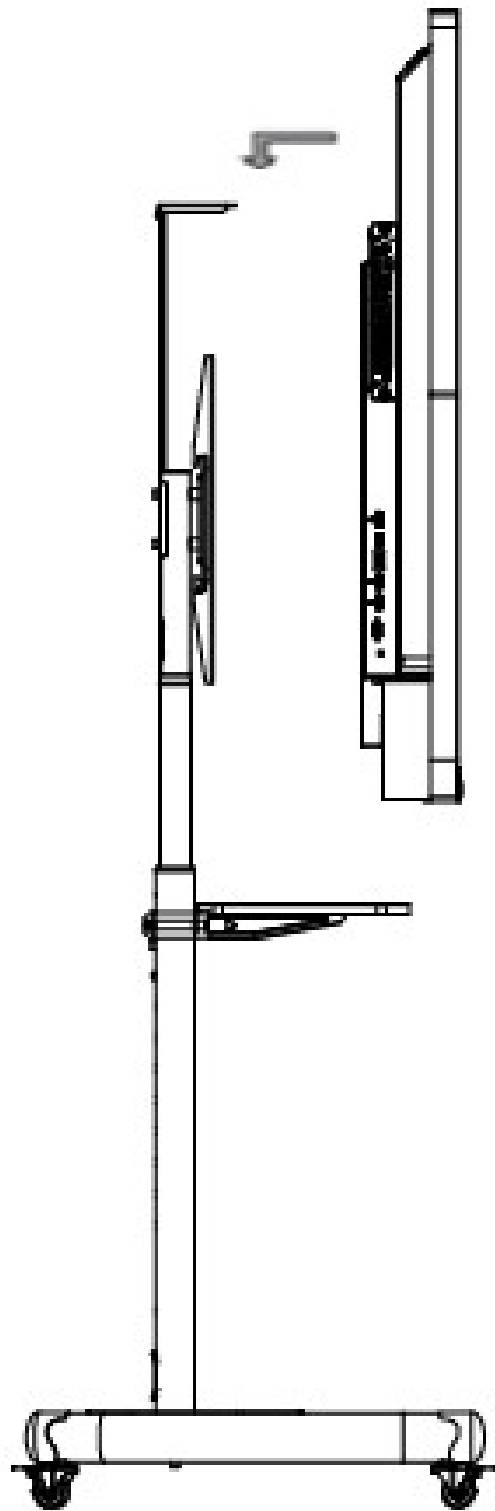
DS-D5B55RB/A(海外标配),

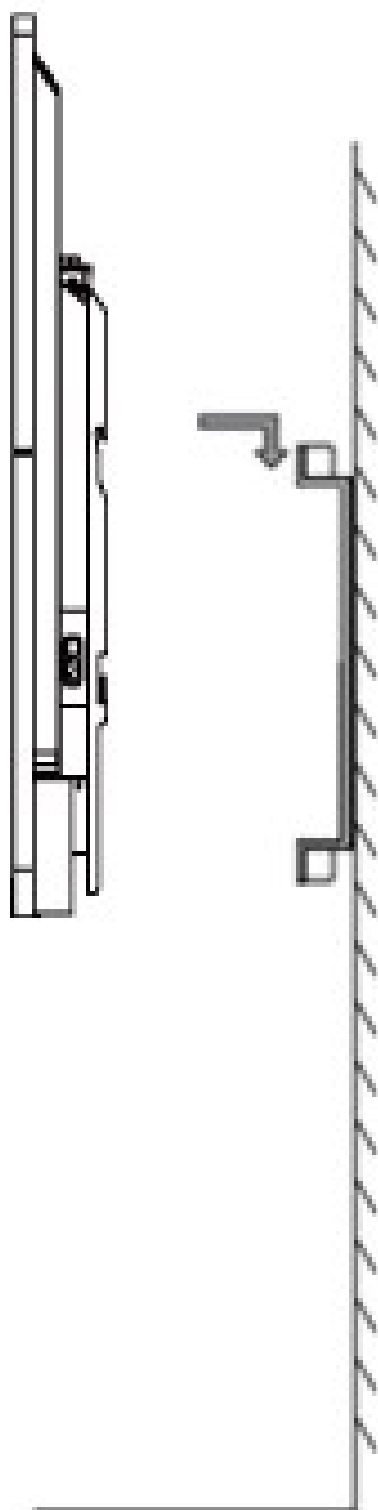
Physical Interface



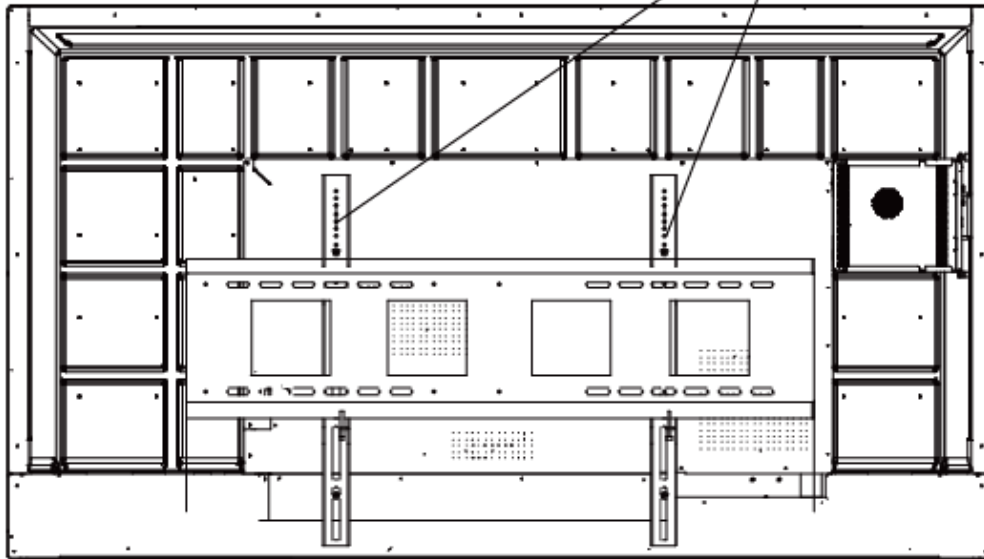
接口	说明	接口	说明
1.LINE OUT	Earphone Interface	2.LINE IN	Audio Input Interface
3.RS-232	RS-232 Serial Port	4.TOUCH-USB	Peripheral Touch Interface
5.LAN 1	Ethernet Interface 1	6. LAN 2	Ethernet Interface 2
7.HDMI 1	HDMI1 Input Interface	8.HDMI 2	HDMI2 Input Interface
9.USB 2.0	USB 2.0 Interface	10.MULTI-USB	Multi-function USB Interface
11.HDMI OUT	HDMI Output Interface		

Installation





The rear should be installed on the hook holes



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