



# 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

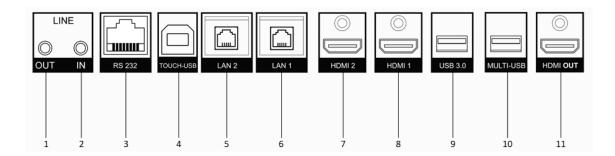
Display	Product Model				
Screen Size         86 inch LED Backlight           DIED           Pixel Pitch         0.164 (H) × 0.493 (V) mm           Resolution         3840 × 2160@60 Hz           Brightness         350 cd/m²           Color Depth         10 bit           Contrast Ratio         1200 : 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			
Backlight	Display				
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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	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 <ul> <li>Yes and the panel of the panel</li></ul>	Control interface	RS-232 × 1, Touch-USB × 1			
Power       Power Consumption     ≤ 490 W (full load)       Standby Consumption     0.5 W	Network Interface	RJ45 (1000 Mbps port) × 2			
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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			

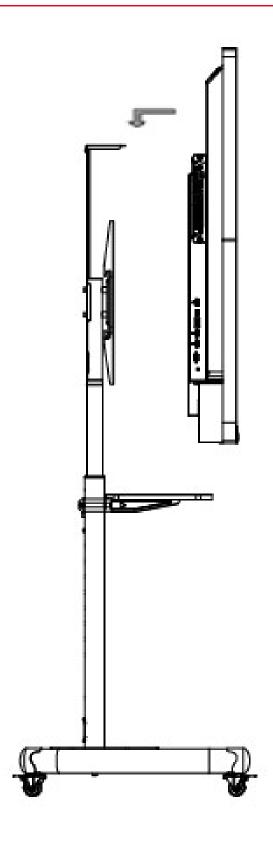
## Physical Interface

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		

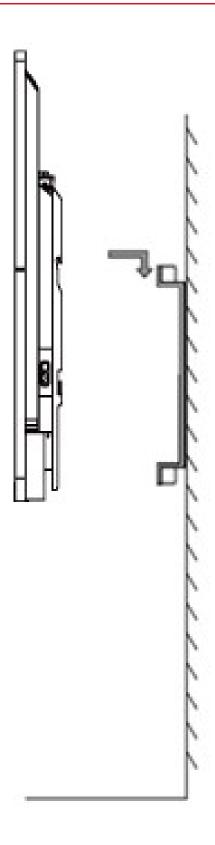


#### Installation



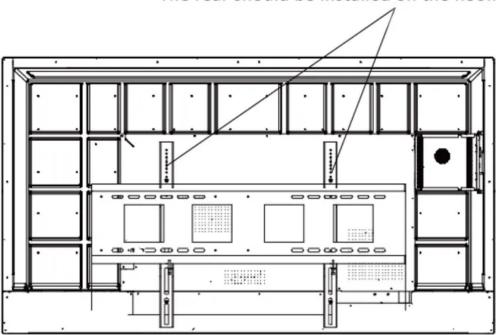




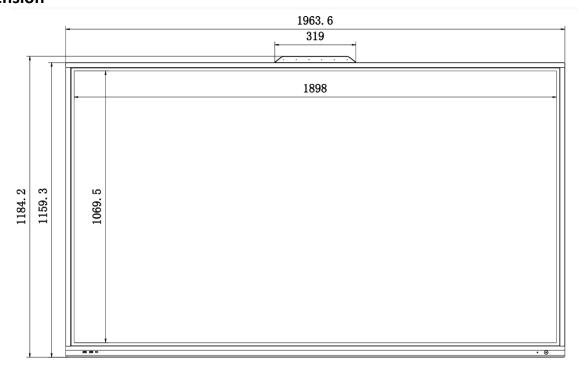




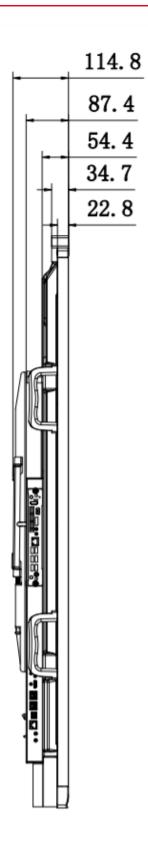




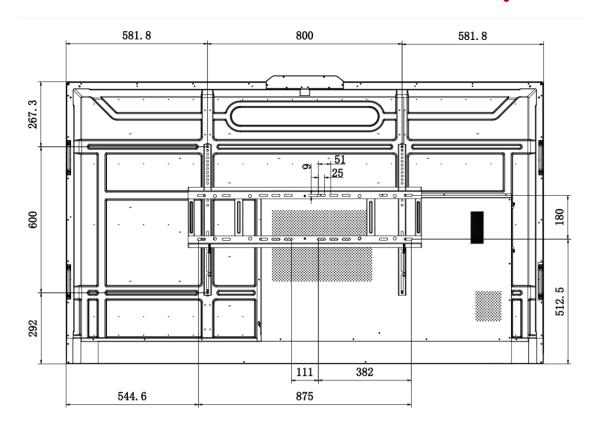
#### Dimension

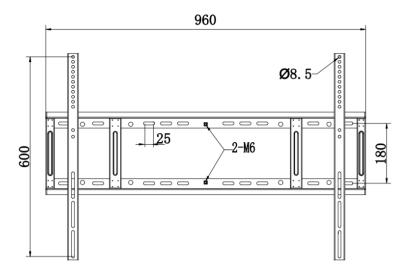














#### ORDERING INFORMATION

114-393

Hikvision DS-D5B86RB/D 86" Smart interactive screen









Innovative Electronic Solutions

www.ness.com.au