SMART CONFERENCE
PANEL SPECIFICATION

Conference Interactive Panel Series

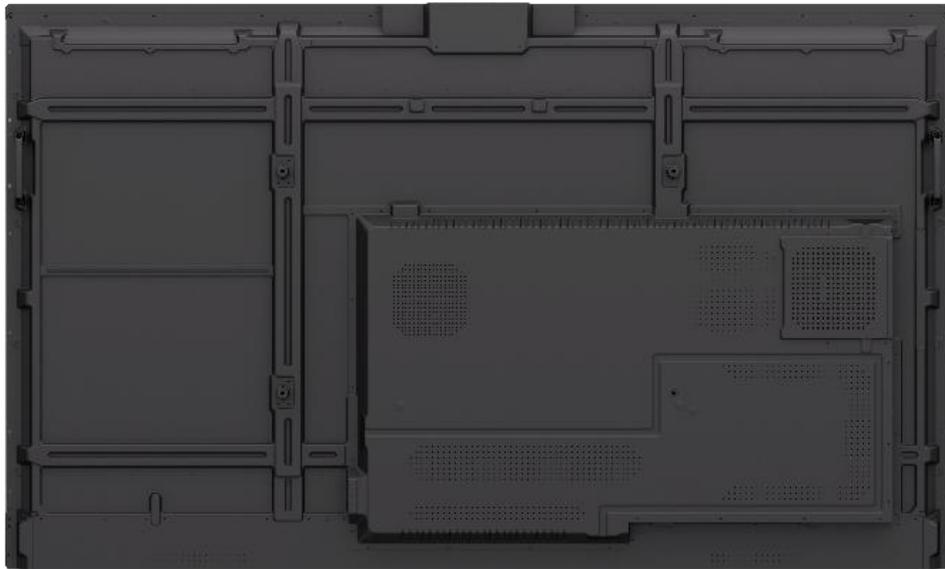**Product Model:** HY85SC

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1、Feature Highlights

1.1 Appearance & Craftsmanship

● Ultra-Narrow Bezel Design, Integrated Camera & Microphone Module

Built-in Bezel Design, Minimalist Design

● Dual Magnetic Pen Docking for Magnetic Pen Docking & Convenient Storage

● Zero-Gap Bonding Technology, Low Parallax Writing, Wider Viewing Angles

1.2 Professional Display

● 3mm Anti-Glare Tempered Glass, Resisting Ambient Light Interference,

Enhanced Display Clarity

● Ambient Light Sensor for Auto Brightness Adjustment, Eye-Care Display

● 4K UHD Display with Full-Channel 4K UI Rendering

1.3 Whiteboard Writing

● ±0.5mm High-Precision Infrared Touch Control, Smooth and Fluid Writing

● Supports Dual Pens Simultaneous Writing with Dual-Color Display, Enhanced

Multi-User Collaboration

1.4 Additional Configurations

● Built-in Wireless Screen Mirroring

● 2 front-mounted USB 2.0 ports + 2 onboard USB 2.0 ports, supports dynamic

channel switching

● Hotspot & Screen Casting dual-band (2.4GHz/5GHz), AP + STA concurrent

operation mode

● Built-in 8-array Microphone and 48MP Camera

● Smart Wake-Up via HDMI/RS232 Channels & Network Signals in Standby

Mode

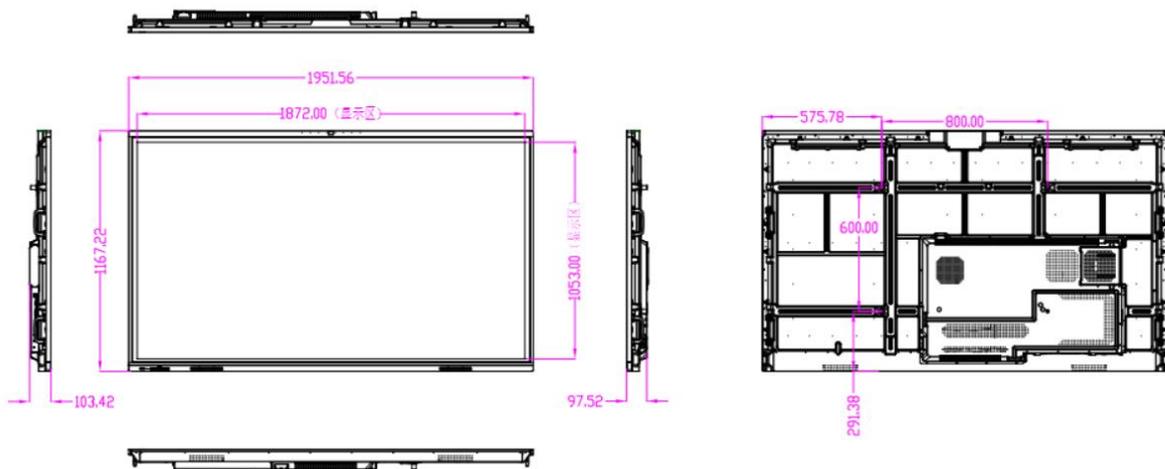● 100Mbps Wired Ethernet Port

● Built-in Network Sharing

2、Key Specifications

Display Specifications	
Model Number	HY85SC
Dimensions	85-inch
Panel Type	IPS
Response Time	8 ms
Aspect Ratio	16:9
Maximum Display Size	1872(H)×1053(V) mm
Resolution	3840(H) × 2160(V)
Refresh Rate	60 Hz
Color Gamut	1.07B(8bit)
Color Gamut NTSC (Typ.)	72%
Contrast Ratio (Typ.)	1200:1
Viewing Angles	178 ° (H/ V)
Backlight Type	DLED
Screen Brightness (Typ.)	350cd/m2
Lifespan	≥30000 hours
Operating System	
System Version	Android 14.0
RAM	4G(8G Optional)
ROM	32GB(128GB Optional)
CPU	Octa-core Cortex-A55
GPU	Mali-G52
WiFi	WiFi5

Bluetooth	Bluetooth 5.0
Touch Parameters	
Recognition Principle	IR Recognition
Input Method	Finger, Sty lus Pen ,Opaque objects
Touch Accuracy	± 0.5mm
Touch Points	100-Touch Points
Writing Point	10 Points 2mm writing（over 90% Area）
Minimum Detectable Object	1.5mm
Writing Display	Dual Pen Dual Color
Touch Interpolatio	32767 × 32767
Response Time	≤ 5 ms
Supported Systems	Windows 11/Windows 10/ Windows 8/ Windows 7/ Windows XP/ Android/ Linux/ Mac OS X/ Chrome
Speaker	
Audio Channels	2.0
Power	2 × 15W
Microphone	
Quantity	8-array
Pickup Distance	0 ~8m
Camera	
Quantity	1
Resolution	48MP
Position	Top Bezel Center
Electrical Parameters	
Power Input	200-264V ~ 50/60Hz 5A
Maximum Power Consumption	360W
Standby Power Consumption	≤0.5 W
I/O	
HDMI IN	3
USB	4
TYPE-C	1
RS232	1
AV IN	1
Touch	2
Headphone OUT	1
Coaxial OUT	1

Cable IN	1
Dimensions & Weight	
Product Dimensions (L×W×H)	1951.6×1167.2×103.4mm
Package Dimensions (L×W×H)	2110×1290×215mmmm
VESA Mounting Hole Specs (L×W)	800 × 400 mm
Wall Mount Screw Specs	M8 × 25 mm
Net Weight	57Kg
Gross Weight	74Kg
Included Accessories	
Power Cord	× 1
Stylus	× 2
Wall Mount Bracket	× 1
Environmental Factors	
Operating Temperature	0℃ ~40℃
Operating Humidity	10% ~ 90% RH
Storage Temperature	- 20℃ ~60℃
Storage Humidity	10% ~ 90% RH
Operating Altitude	Below 5000m

3、Product Dimensions Diagram

4、Disclaimer

● Actual physical dimensions/product weight may vary due to product configuration and manufacturing processes. Specifications shall prevail over the written details.

● Product images in this specification are illustrative only. Physical products (including but not limited to appearance, color, dimensions) may differ slightly. Actual items shall prevail.

● To ensure accuracy, textual descriptions, graphical representations, and other content in this specification may be updated or revised in real time to match actual product performance and specifications.

● No separate notice will be provided in cases where the aforementioned modifications and adjustments are deemed necessary.