

SMART CONFERENCE PANEL SPECIFICATION



Conference Interactive Panel Series

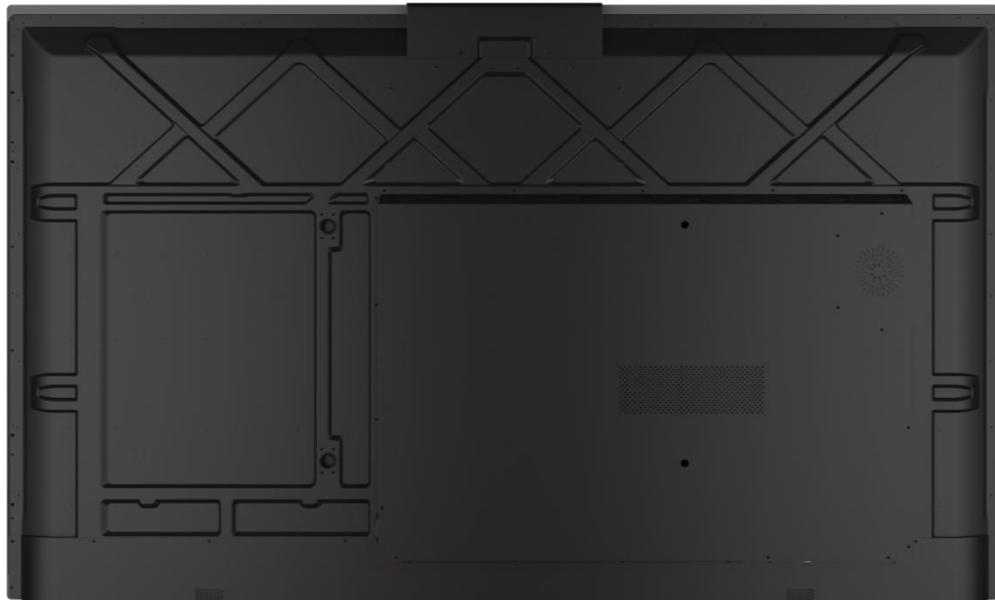
Product Model: HY55SC

1、 Feature Highlights

1.1 Appearance & Craftsmanship

- Ultra-Narrow Bezel Design, Minimalist Aesthetic
- 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

- ± 0.5 mm 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

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

Mode

- 100Mbps Wired Ethernet Port
- Built-in Network Sharing

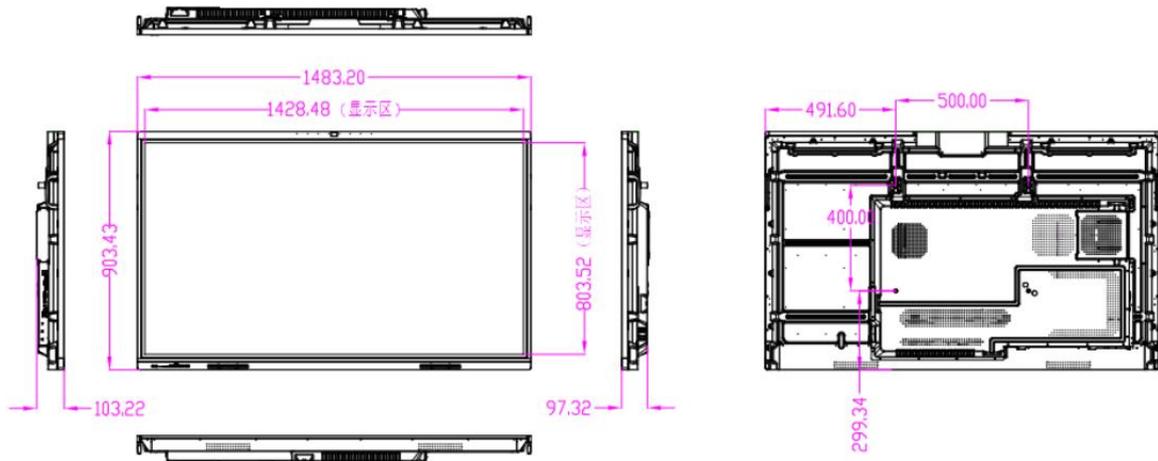
2、Key Specifications

Display Specifications	
Model Number	HY55EA
Dimensions	55-inch
Panel Type	IPS
Response Time	8 ms
Aspect Ratio	16:9
Maximum Display Size	1209.6 (H) ×680.4 (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, Stylus 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 Interpolation	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 × 10W
Electrical Parameters	
Power Input	200-264V ~ 50/60Hz 5A
Maximum Power Consumption	165W
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)	1259.2×763.21×80.75mm(without Mounting Bracket) 1259.2×763.21×105mm(with Mounting Bracket)
Package Dimensions (L×W×H)	1358×884×170mm
VESA Mounting Hole Specs (L×W)	400 × 400 mm
Wall Mount Screw Specs	M8 × 25 mm
Net Weight	24Kg
Gross Weight	31Kg
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.