HIKVISION INTERACTIVE
FLAT PANEL DISPLAY

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Hikvision Interactive Flat Panel Display

Advance collaboration to a new level

Hikvision Interactive Flat Panels Display

The next generation of digital technologies is transforming the way people live, work, and study. And now, interactive flat panels have emerged to meet the needs of today's customers. In settings where communication and collaboration are necessary, daily requirements, such as **office meetings** and **classrooms**, interactive flat panels can elevate efficiency and bring everyone together.

Here, Hikvision's products take the lead with flexible, ,multi-functional applications featuring **ultra-4K resolution**, **accurate on-screen writing, built-in whiteboard software, smart meeting,** and **free projection**.

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Why Choose Hikvision's **Interactive Flat Panels Display?**

Outstanding Imaging

Featuring cutting-edge technologies, Hikvision's interactive flat panels display offer an outstanding visual display for a variety of professional needs such as conferences, instruction, and more.

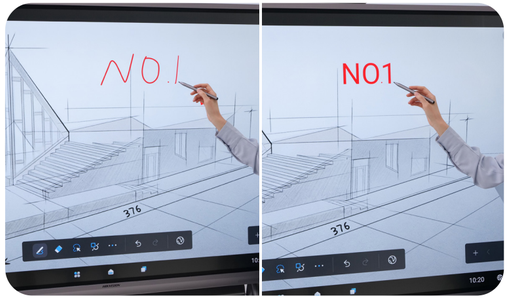
- 4K resolution and display with anti-glare glass for optimal viewing

- Filter more than 50% of the ultra-shortwave light to protect your eyes – without sacrificing color

Advanced Collaboration

Advanced and flexible collaboration is the greatest strength of Hikvision interactive flat panel, boosting efficiency for teamwork and productivity.

- Flexible projection capabilities such as wireless, group display, and reverse projection.



- Smart whiteboard with intelligent recognition of text and geometric shape

Central Management

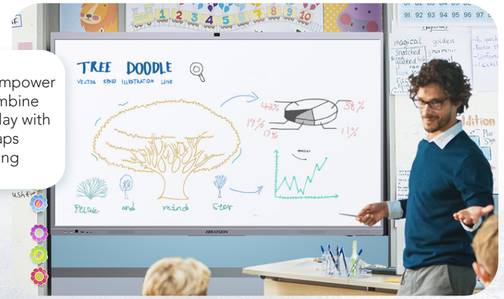
Central management can enhance administrative efficiency along with instructioncontrolling parameter settings, information display, video release, and rapid installation of applications.

- Remote Batch Power Off
- Remote Batch App Installation
- Remote Batch Image
- Remote Batch Message
- Remote Batch Video
- Remote Batch Firmware Upgrade

Tailored Solutions

Integrating with equally powerful products and software, Hikvision can offer ready-made solutions for conferencing and education, inspiring more convenient connections anywhere you need it.

Audio and Video Conferencing Solution: Foster and improve team work for small, medium and large-sized conferencing



Classroom Hub Solution: Empower more activities when you combine an interactive flat panel display with digital tools, bridging any gaps between teaching and learning

Key Functions

Digital Whiteboard

Hikvision's interactive flat panel displays support smart whiteboard functionality with intelligent handwriting recognition and various built-in tools. Built-in browser and multiple file-read capabilities enhance the whole experience.

Flexible Projection

Flexible projection can be enjoyed **via Wonder Cast app**, **Airplay**, **NFC**, and **dongle**. Users will enjoy the simultaneous projection of **up to 4 devices**. Moreover, reverse projection can help integrate laptops with the interactive flat panel display

Simultaneous Projection of Up to 4 Devices

Audio and Video Support

Equipped with an 8 MP camera and a 8-microphone array, flexible remote communication is guaranteed with clear audio, stable voice connection, and high-quality imaging.

Dual-system Switchover

Users can switch between their dual systems with just on click.

- Built-in Android 13.0 by default
- Insert optional OPS for Windows compatibility

Speaker Tracking

Zoom automatically to show the current speaker.

Auto Framing

Adjust view automatically to show all participants on the screen.

Conference Solution

- **Through Arc Pen Slot**
  Convenient and fashionable pen holder
- **Highlighted Ink Screen Logo**
  Delicate texture, business style
- **Matte Powder Coating**
  Matches the color of the whole device
- **Full-feature USB Type-C**
  Connector charges, projects, and transmits data
- **Newly Designed Pen**
  TPU nib material for fluent writing and fall-protection.
- **8 MP Camera and 6-microphone Array**
  Automatically frames subject and centers speaker audio and cost-effective
- **High Color Gamut**
  ≥ 90% color gamut for outstanding display effect
- **Bracket Upgrade**
  Beautiful and elegant, easy to install, and cost-effective
- **Elegant Appearance**
  150 mesh ultra-fine sandblasting (comparable to a laptop's texture)

Audio and Video Conferencing Solution

Online and remote conferencing have become regular parts of the workday for most professionals. Hikvision can help! Integrating our superior components, Hikvision offers a more productive and interactive experience. The ultra-HD imaging and clear audio bring your far-away team members close – from anywhere in the world.

Small to medium-sized conferencing

Medium to large-sized conferencing

Education
Solution

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Classroom Hub Solution

Learning institutions are continually moving toward informatization in education. In addition, students growing up in a technological world are eager for more immersive learning experiences and better educational resources.

Leveraging professional, AI-enabled cameras and lightweight software, Hikvision's Classroom Hub Solution overcomes a variety of challenges by offering remote learning and multi-classroom learning, extending real classrooms to digital, virtual classrooms, bridging all kinds of gaps between teaching and learning.

- **Built-in camera and microphone:**
  8MP camera and 8-microphone array that can pick up the sound within 12m
- **Built-in loudspeakers:**
  2*15W + 25W loudspeakers
- **Powerful hardware and system:**
  8-core CPU,8GB RAM+128 GB ROM, Android 13.0

- **Rounded Corners and Friendly Edges**
  User-friendly, unobtrusive design prevents injuries
- **Optical Anti-blue Light**
  Filter more than 50% of the ultra-shortwave light to protect your eyes – without sacrificing color
- **Wireless Projection**
  Projection via WonderCast app, Airplay, NFC and dongle

Teacher Camera

Education Sharing Device

ClassIn/ ClassLink/ HikCentral FocSign

Interactive Flat Panel

IFPD Product Showcase

	Model	DS-D5B65RB/C	DS-D5B75RB/C	DS-D5B86RB/C	DS-D5B65RB/D	DS-D5B75RB/D	DS-D5B86RB/D
Display	Image						
	Diagonal Size	65 inch LED Backlight	75 inch LED Backlight	86 inch LED Backlight	65 inch LED Backlight	75 inch LED Backlight	86 inch LED Backlight
	Backlight	DLED			DLED		
	Resolution	3840 × 2160 @60 Hz			3840 × 2160 @60 Hz		
	Color	10 bit			10 bit		
	Visual Angle	178° (H) / 178° (V)			178° (H) / 178° (V)		
	Response Time	6 ms			6 ms		
	Contrast	4000：1(Typ.)			4000：1(Typ.)		
	Brightness	350 cd/m²			350 cd/m²		
Interface	Dot Pitch (H×V)	0.124 (H) × 0.372 (V) mm	0.143 (H) × 0.430 (V) mm	0.164 (H) × 0.493 (V) mm	0.124 (H) × 0.372 (V) mm	0.143 (H) × 0.430 (V) mm	0.164 (H) × 0.493 (V) mm
	Input Interface	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1			HDMI IN × 2，MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1
	Output Interface	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1			HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1		
	Control Interface	RS-232 × 1			RS-232 × 1		
Power	Power Consumption	⩽ 320 W (full load)	⩽ 370 W (full load)	⩽ 490 W (full load)	⩽ 320 W (full load)	⩽ 370 W (full load)	⩽ 490 W (full load)
	Standby Power	0.5 W			0.5 W		
Working Environment	Operating Temperature	0 °C to 40 °C			0 °C to 40 °C		
	Operating Humidity	10% to 90% RH			10% to 90% RH		
General	Dimension (W×H×D)	1507 × 930 × 86 mm	1718 × 1046 × 87.5 mm	1963 × 1159 × 87.5 mm	1507 × 930 × 86 mm	1718 × 1046 × 87.5 mm	1963 × 1159 × 87.5 mm
	Operation System	Android 11			Android 11		
Built-in System	Memory	4 GB			4 GB		
	Built-in Storage	64 GB			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			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		
	Type	Infrared touch screen			Infrared touch screen		
Touch	Glass	AG smooth glass			AG smooth glass		
	Touch Point	Max 45 point multi-touch			Max 45 point multi-touch		
	Touch Response Time	⩽10 ms			⩽10 ms		
	Touch Precision	± 1 mm (⩾ 90% touching area)			± 1 mm (⩾ 90% touching area)		
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		

	Model	DS-D5C85RB/A	DS-D5C75RB/A	DS-D5C86RB/A	DS-D5C85RB/B	DS-D5C75RB/B	DS-D5C86RB/B
Display	Image						
	Diagonal Size	65 inch LED Backlight	75 inch LED Backlight	86 inch LED Backlight	65 inch LED Backlight	75 inch LED Backlight	86 inch LED Backlight
	Backlight	LED			LED	LED	LED
	Resolution	3840 × 2160 @60 Hz			3840 × 2160 @60 Hz		
	Color	1.07B			1.07B		
	Visual Angle	178° (H) / 178° (V)			178° (H) / 178° (V)		
	Response Time	6 ms			6 ms		
	Contrast	5000:1 (Typ.)			5000:1 (Typ.)		
	Brightness	400 cd/m² with Brightness sensor			400 cd/m² with Brightness sensor		
	Dot Pitch (H×V)	0.124 × 0.372mm	0.143(H) × 0.430(V) mm	0.164(H) × 0.493(V) mm	0.124 × 0.372mm	0.143(H) × 0.430(V) mm	0.164(H) × 0.493(V) mm
Interface	Input Interface	HDMI In × 3, VGA In x 1, DP In x 1, Audio In x 1			HDMI In × 3, VGA In x 1, DP In x 1, Audio In x 1		
	Output Interface	HDMI Out x 1, Audio Out x 1, SPDIF Out x1			HDMI Out x 1, Audio Out x 1, SPDIF Out x1		
	Control Interface	TOUCH-USB × 3, RS232 × 1			TOUCH-USB × 3, RS232 × 1		
Power	Power Consumption	⩽ 107 W	⩽150W	⩽ 205W	⩽ 107 W	⩽150W	⩽ 205W
	Standby Power	0.5 W			0.5 W		
Working Environment	Operating Temperature	0 °C to 40°C			0 °C to 40 °C		
	Operating Humidity	10% to 90% RH			10% to 90% RH		
General	Dimension (W×H×D)	1491.9 x 82.5 x 895.6 mm	1713.2 x 82.5 x 1019.5 mm	1960.4 x 82.5 x 1143.2mm	1491.9 x 82.5 x 910.6 mm	1713.2 x 82.5 x 1034.5 mm	1960.4 x 82.5 x 1158.2 mm
Built-in System	Operation System	Android 13	Android 13	Android 13	Android 13	Android 13	Android 13
	Memory	8 GB			8 GB		
	Built-in Storage	128 GB			128 GB		
	HDCP Version	2			2		
	Touch Resolution	32768 × 32768			32768 × 32768		
Touch	Type	Infrared touch screen			Infrared touch screen		
	Touch Point	Max 45 point multi-touch			Max 45 point multi-touch		
	Touch Response Time	⩽ 6 ms			⩽6 ms		
	Touch Precision	± 1 mm (⩾ 90% touching area)			± 1 mm (⩾ 91% touching area)		
Camera	Pixel	/			8 MP (48MP for photos)		
	Camera Function	/			Support intelligent switching between Android system, OPS, and PC		
	Field Angle	/			120°(diagonal), 110°(horizontal), 75°(vertical)		
	Distortion	/			⩽ 2.5%		
	Camera Resolution Ratio	/			Up to 4K		
Microphone	Specification	/			Omni-directional 8-array layout		
	Mic Function	/			Echo reduction and smart noise-cancellation		
	Voice Distance	/			12 m		
	Sampling Rate	/			32 K		
	Mic Sampling Rate	/			16 bit		

Dongle

Model		DS-D5SC3B-B	DS-D5SC3B-W
	Image		
Display	Resolution	1080P/4K	
	Memory	512 MB	
Built-in System	Built-in Storage	4 GB	
	net card	Built in Gigabit NIC, supporting 2.4G/5G.	
Interface	Power Interface	Type-C, support CC communication and automatically switch charging direction, achieving 60W fast charging for laptops by adapter and 5V/500mA charging for mobile phones from laptops.	
Power	Power Consumption	2.8 W	
	Rated Power	5 V/900 mA	
Working Environment	Working Temperature	0°C~40°C	
	Working Humidity	10%~95% RH	
General	Product dimensions	189 × 58 × 17 mm	
	Package Dimensions	235 × 90 × 30 mm (W × H × D)	
	Net Weight	90 g	
	Gross Weight	210 g	
	Packing List	Host × 1, Manual × 1, USB Type-A/Type-C adapter × 1	
	Frame Rate	30 fps	
	Transmission Delay	⩽ 350 ms	
	Wireless Transmission Protocol	IEEE 802.11 a/g/n/ac	
	Encryption	AES	
	NFC	ISO/IEC 14443-A protocol, 13.56 MHz, 106 Kbps	
	Audio Parameters	48000Hz sampling rate, 16 bit depth, ACC encoding, dual channel	
	Video Parameters	10 bit color depth, H.264 encoding format	
	USB Protocol	Support USB 2.0	