

MAXHUB

MAXHUB Smart Blackboard B5 Series Introduction



Education Pain Points



Student distract in class

- Students are less engaged and tend to be distracted and disengaged in class.
- It is impossible to access classroom performance and usual grades.



Lack of teaching tools and resources

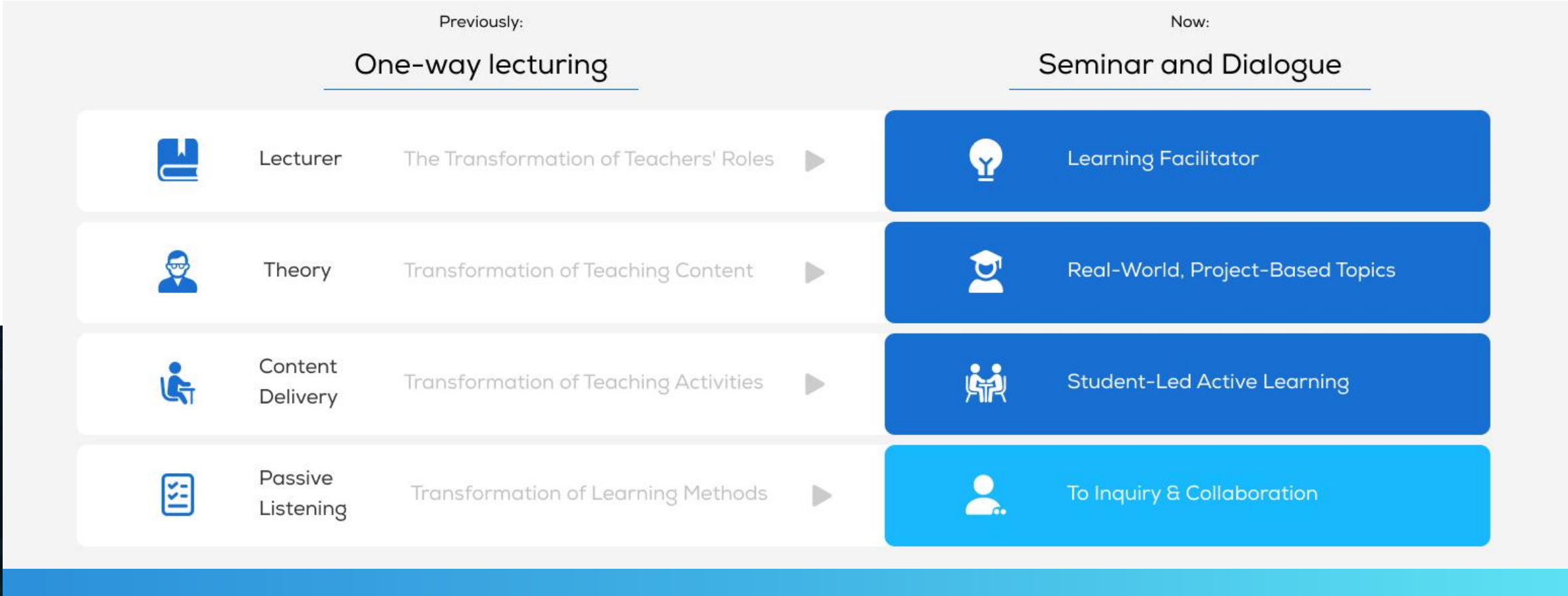
- There is a lack of practical teaching tools to improve the efficiency of the teaching process.
- There is a lack of teacher resources to support teaching and learning.



Time-consuming device management

- It takes extensive time and effort to manage, operate and maintain all devices in the school.
- Its time-consuming and inefficient to analyze a large amount of teaching data.

Empowering Interactive Education



IFP Leader in Education Market

MAXHUB

Up to now, we has covered

USA
170,000
Schools

Netherlands
FR DE CZ
8 Million
Teachers

2.8 Million
Classrooms

Head Office
Guangzhou
JP
2,000
Colleges

MX
81%
of total 210,000 primary and
secondary schools in China

BR
62%
of total 12.96 million primary and
secondary school teachers in China

RU
KSA UAE
53%
of total 5.3 million primary and
secondary school classrooms in China

India
TH VN
66%
of total 3013 colleges and
universities in China

AU

NZ

MAXHUB



80,000
Units

400,000
Users

80 Countries

Head office
GuangZhou, China

3P



Feature Highlight

B5 Series Smart Blackboard

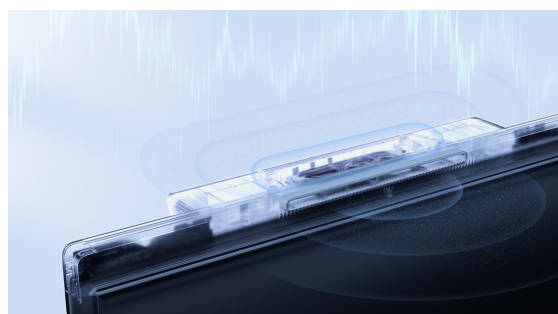
Built for the future of education

86"



MAXHUB EDU OS, by Windows

- Powered by Windows 11 Pro
- High performance Intel CPU PC Module
- Apps without limits



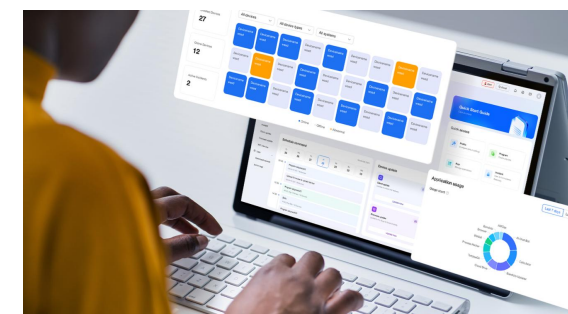
Comfortable and Immersive

- Wide-angle optical film technology
- 50MP Ultra Wide Cam
- Skywave Sound System



Teaching, Enhanced with AI

- Record with InsightClass
- EasiClass, AI whiteboard
- AI teaching tools, smarter interaction



Reliable and Worry-Free

- MAXHUB Pivot+ management
- Energy Star certified efficiency
- IP5X dust protection

MAXHUB B5 Series - Future Series

MAXHUB

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Windows System Interactive Display

Wide-Angle Display

50MP 150° Camera

Writing Sync

Hardware Eyecare

■ Display

4K Display, 10-bit, $\Delta E \leq 1$

Wide-Angle Film Display

TÜV Hardware Eye-Care

Etched Anti-Glare

■ Design

Integrated Design

Chalk Writing

Black/White Board

Writing Synchronization

■ Audio&Video

50MP 150° Cam

8 Array Microphone

2.2 SkyWave Speaker

84W Maximum Output

■ System

Windows 11 Pro (PC)

8GB RAM (PC)

256G ROM (PC)

Built-in Android 15

One Device. One Windows Experience.

MAXHUB

Android IFPD Pain Points

> Reduced Stability During Long Lessons

- Background process management may cause application crashes or unexpected interruptions during extended teaching sessions.

> Compromised Hybrid Learning Experience

- Video conferencing, screen sharing, and classroom collaboration tools offer limited functionality compared to Windows.

> Performance Bottlenecks

- Mobile-class processors struggle with multitasking, large presentations, web browsing, and multimedia teaching.

Traditional Dual Operating Systems

> Fragmented User Experience

- Files, whiteboarding, and applications are split across two independent operating systems. Teachers constantly switch between Android and Windows during daily teaching.

> Not Optimized for Classroom Workflow

- Traditional Windows desktops are designed for keyboard and mouse, not large interactive touch displays.

> Additional Hardware Dependency

- OPS is an additional PC module that increases hardware complexity and maintenance requirements.

Feature Highlight | MAXHUB EDU OS, by Windows

MAXHUB

> Familiar from the Start

Works seamlessly with the system teachers use every day.

> Bring Your Own Device

Connect instantly with your personal device and account.

> Smooth Multitasking

Powered by a high-performance Intel® PC module.

> Enhanced with AI

Make lesson preparation and interaction more efficient than ever.



Feature Highlight | MAXHUB EDU OS, by Windows

MAXHUB



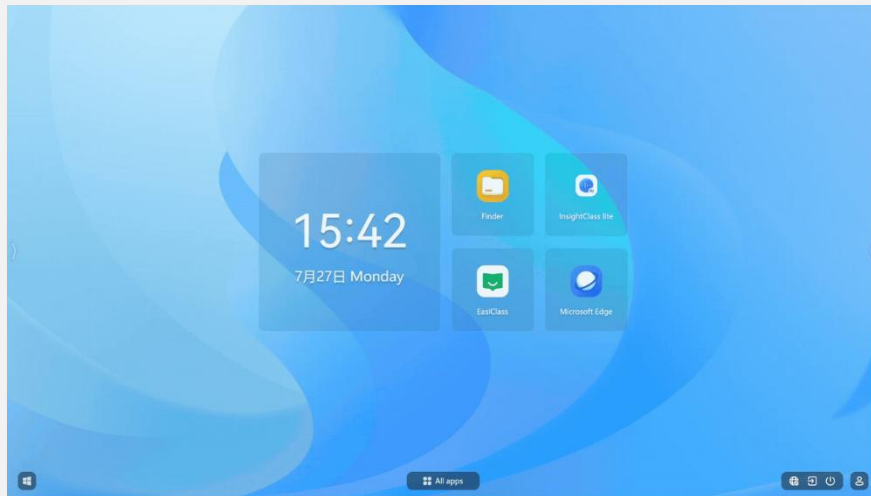
Customizable Sidebar Tools

Personalize sidebar shortcuts for faster access to frequently used tools



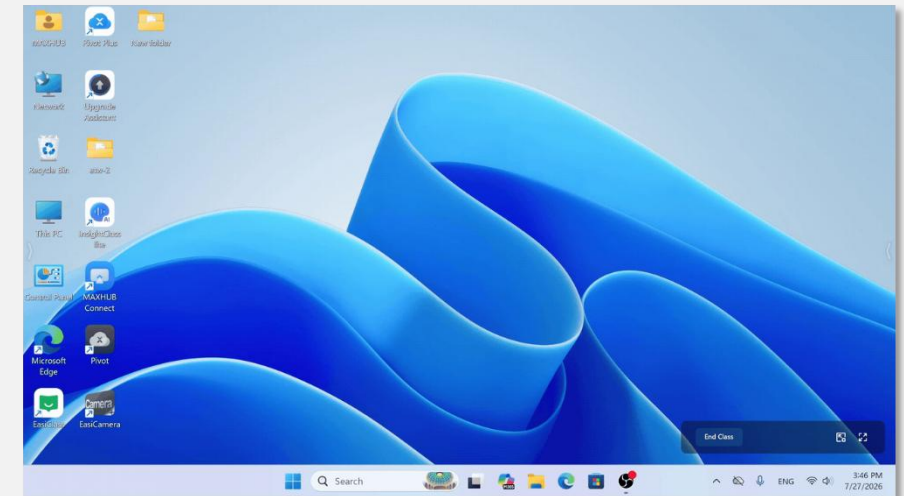
Quick Access to Teaching Resources

Enable real-time courseware sync via QR code and manage USB content



One-Tap Access to All Apps

View the full app list from the homepage and launch applications quickly

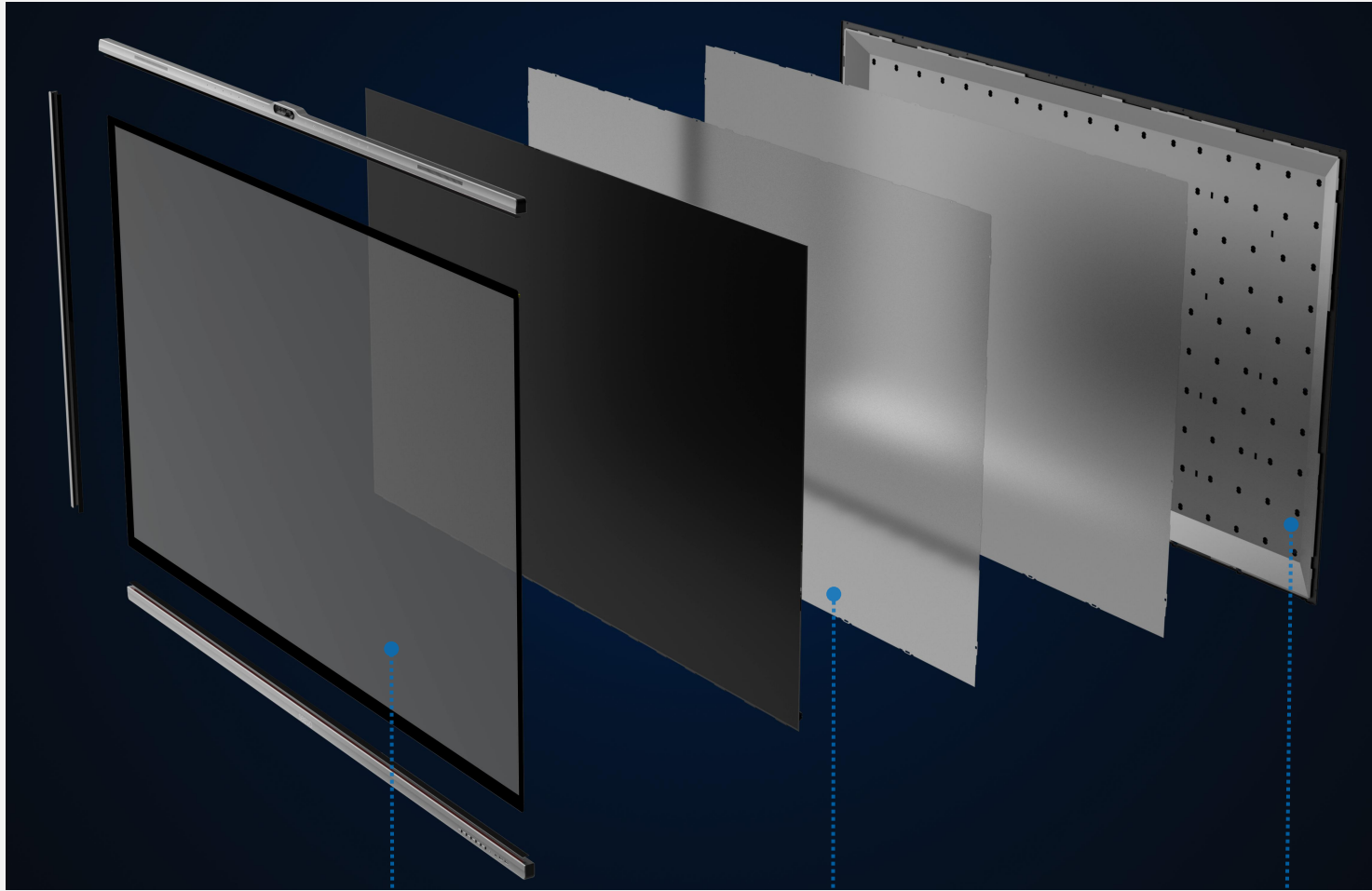


Customizable Web Shortcuts

Add frequently used webpage shortcuts to the desktop

Feature Highlight | Clear for Every Student

MAXHUB



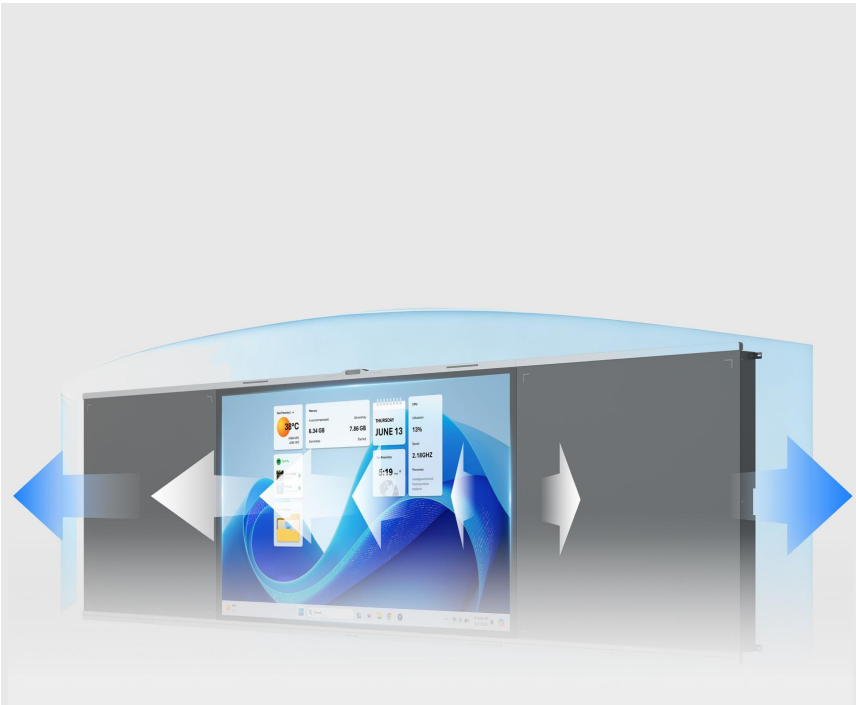
Anti-Glare Glass

Wide-Angle Optical Film

Low Blue Light LED Panel

Feature Highlight | Clear for Every Student

MAXHUB



30°↑

Viewing angle improved

4x↑

Side-view brightness

12%↑

Brightness uniformity



Wide Viewing Angel Display vs Conventional Display

Feature Highlight | Clear for Every Student

MAXHUB



Before

After



1.07

billion colors



98% sRGB

color gamut



$\Delta E \leq 1$

pro-grade color accuracy



AI PQ

Intelligent optimization

Feature Highlight | Industry-Leading Eye Comfort

MAXHUB

▶ Eye-Care Technology

- Hardware grade low blue light
- DC dimming technology, flicker free
- TÜV Rheinland certified
- Anti-Glare glass
- Paper-like eye care



Low Blue Light
(Hardware
Solution)

www.tuv.com
ID 0217008881



Flicker Free

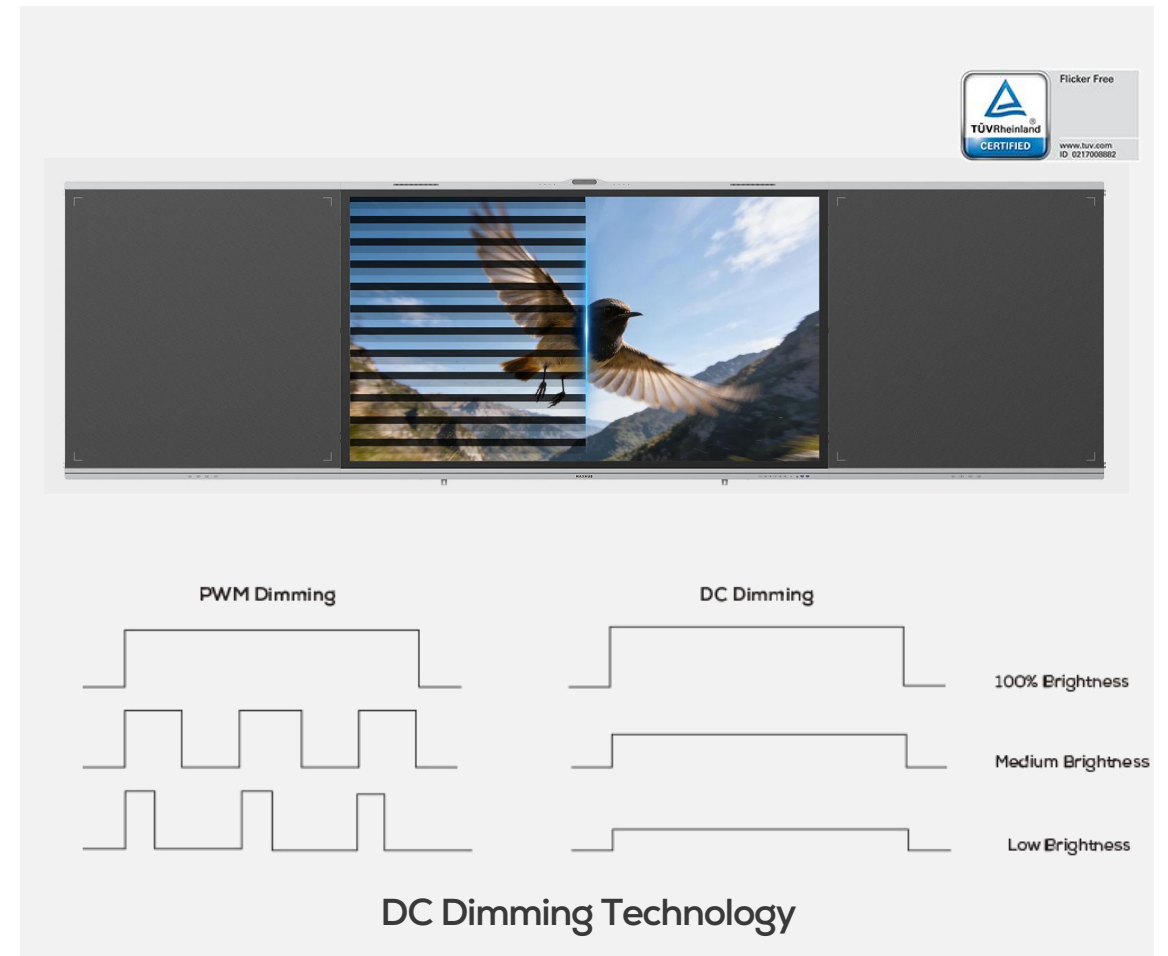
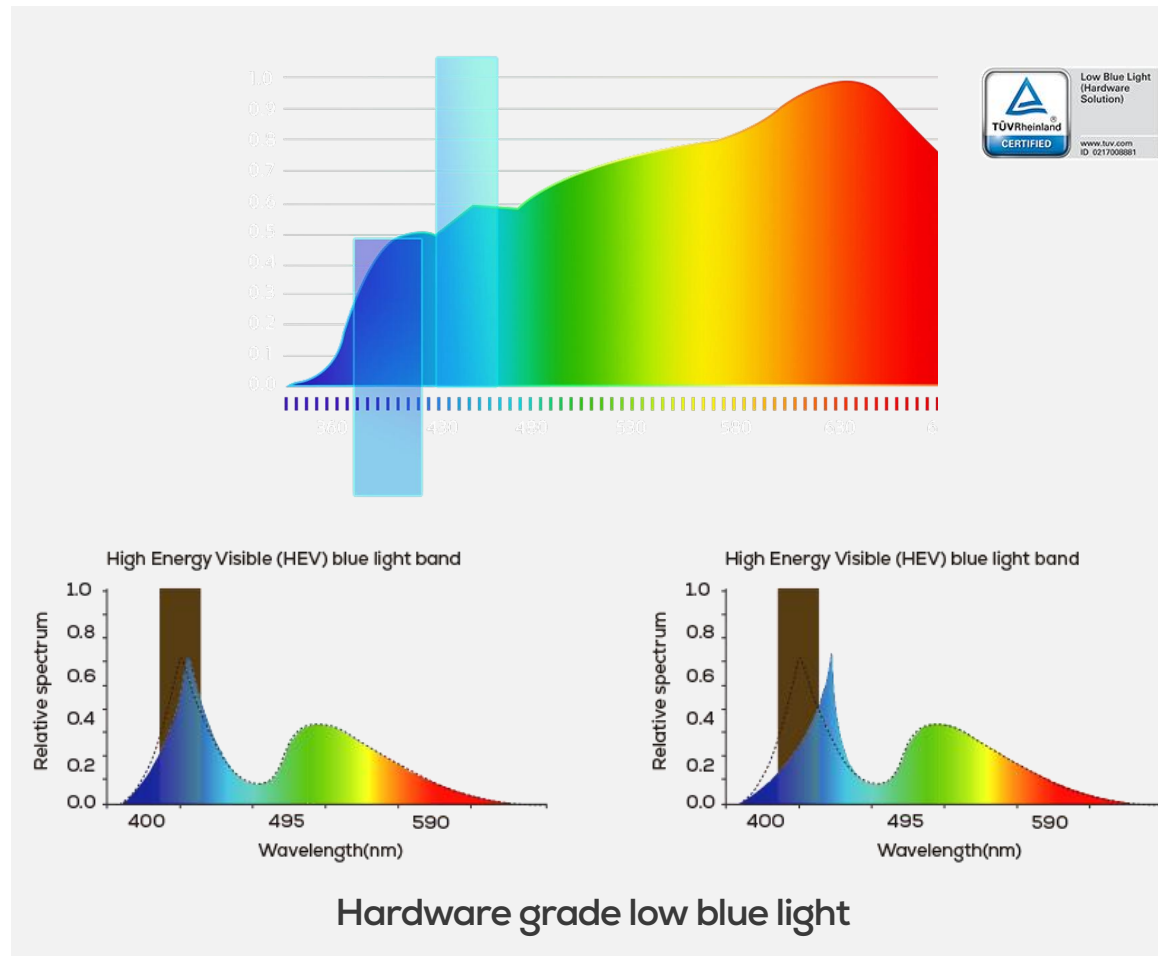
www.tuv.com
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Feature Highlight | Industry-Leading Eye Comfort

MAXHUB

> Eye-Care Technology



Feature Highlight | Unleashing Video Excellence

MAXHUB



> Capture Every Detail

- With ultra wide lens, the camera can cover 6 meters at a 2m distance, while a conventional camera only covers 3.7 meters.
- Featuring a 50MP sensor, the camera supports 4K video recording and screen capture. Built-in privacy indicator light.
- Equipped with an AI ISP chip, supports intelligent features such as headcount and random selection, enhancing interactivity.

Feature Highlight | See the Whole Classroom

MAXHUB



Headcount and Random Selection



Gesture Recognition, Answer and Vote

Feature Highlight | Clear Sound in Every Corner

MAXHUB

SkyWave Sound System

2.2 Sound Channel, 84W Speaker

4X Transmission
Distance



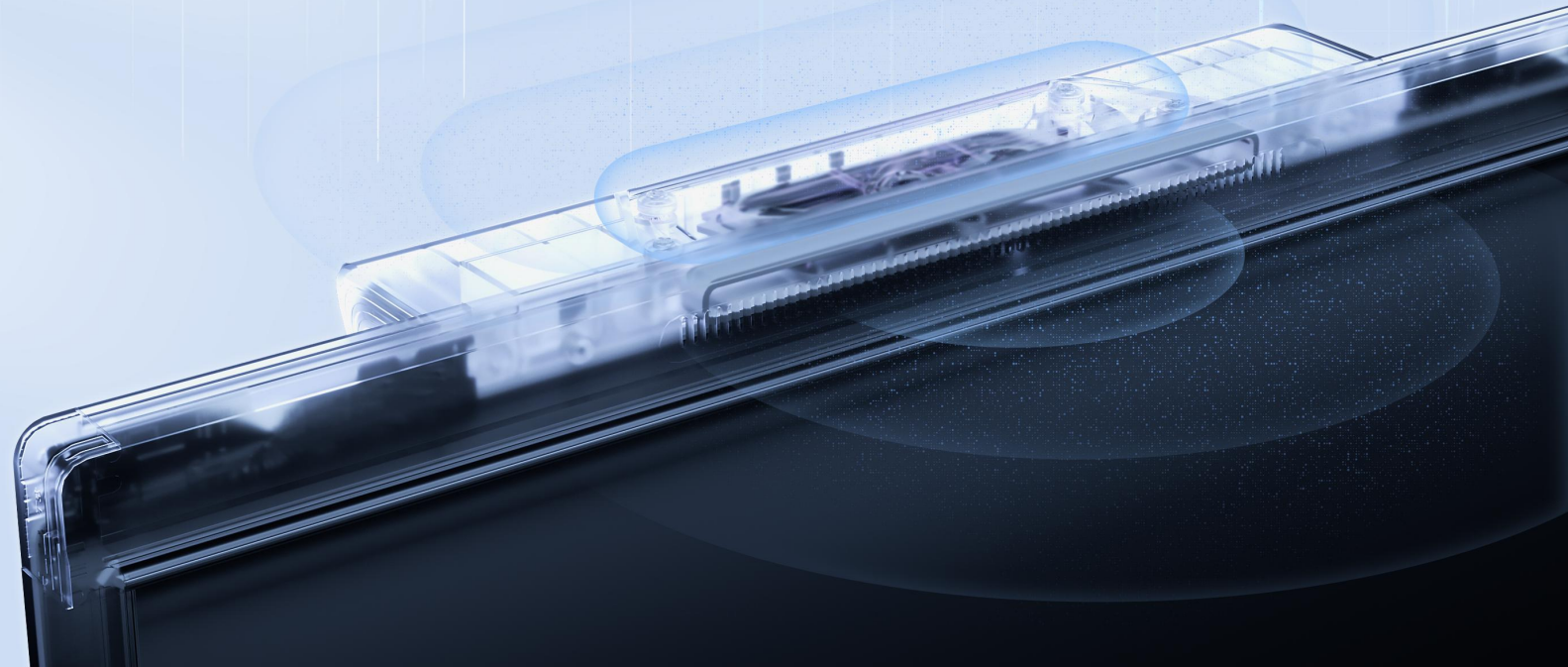
AI Spatial
Sound



AI Voice
Enhancement



Gentle for Front
Clear for Back



Feature Highlight | Clear Sound in Every Corner

MAXHUB



Skywave Sound System vs Conventional Speaker

4X Transmission
Distance



AI Spatial
Sound



AI Voice
Enhancement



Gentle for Front
Clear for Back



Feature Highlight | Hear and Be Heard

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New-Gen 8-Microphone Array Architecture



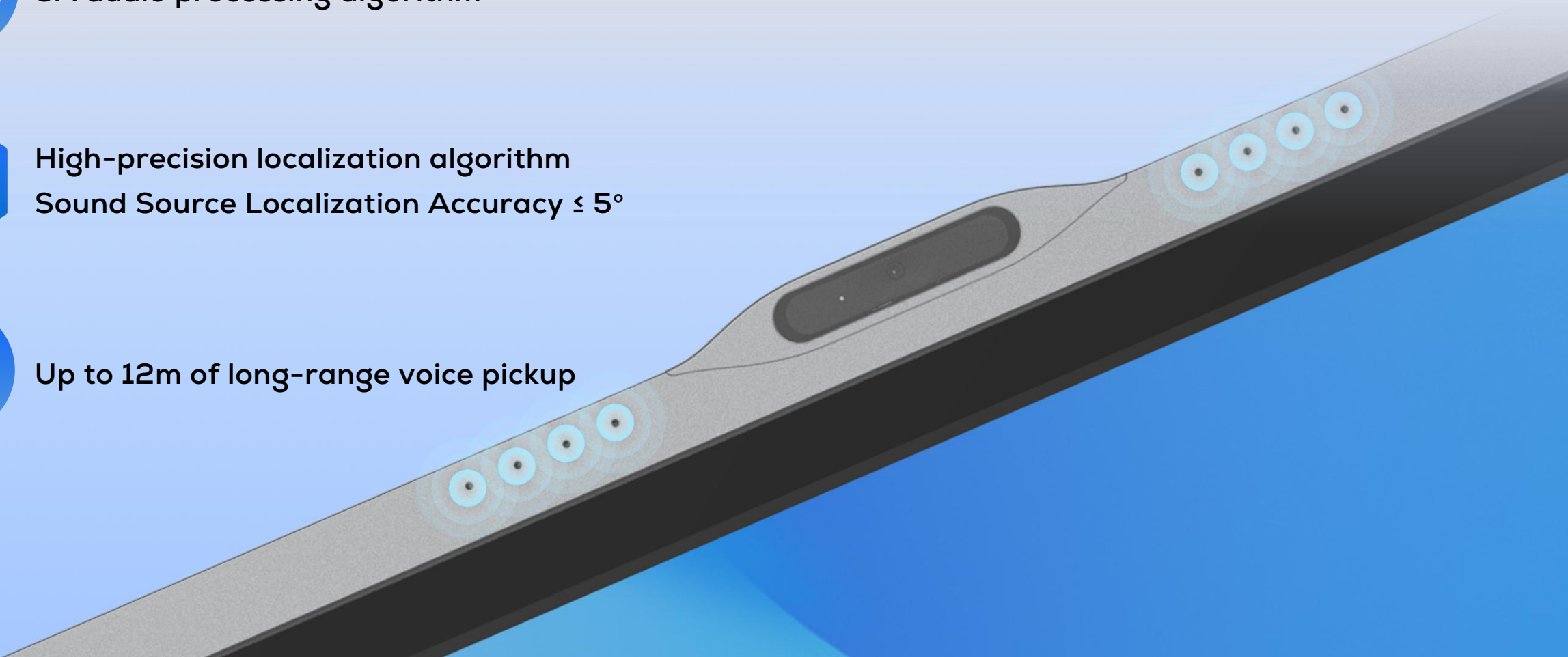
3A audio processing algorithm



High-precision localization algorithm
Sound Source Localization Accuracy $\leq 5^\circ$



Up to 12m of long-range voice pickup



Feature Highlight | Unleashing Touch Innovation

➤ MAXHUB Think&Ink Technology

- Intelligent recognize palm, finger, stylus tip and tail
- AI recognition automatically identifies text and formulas

➤ Collaborative Writing and Erasing

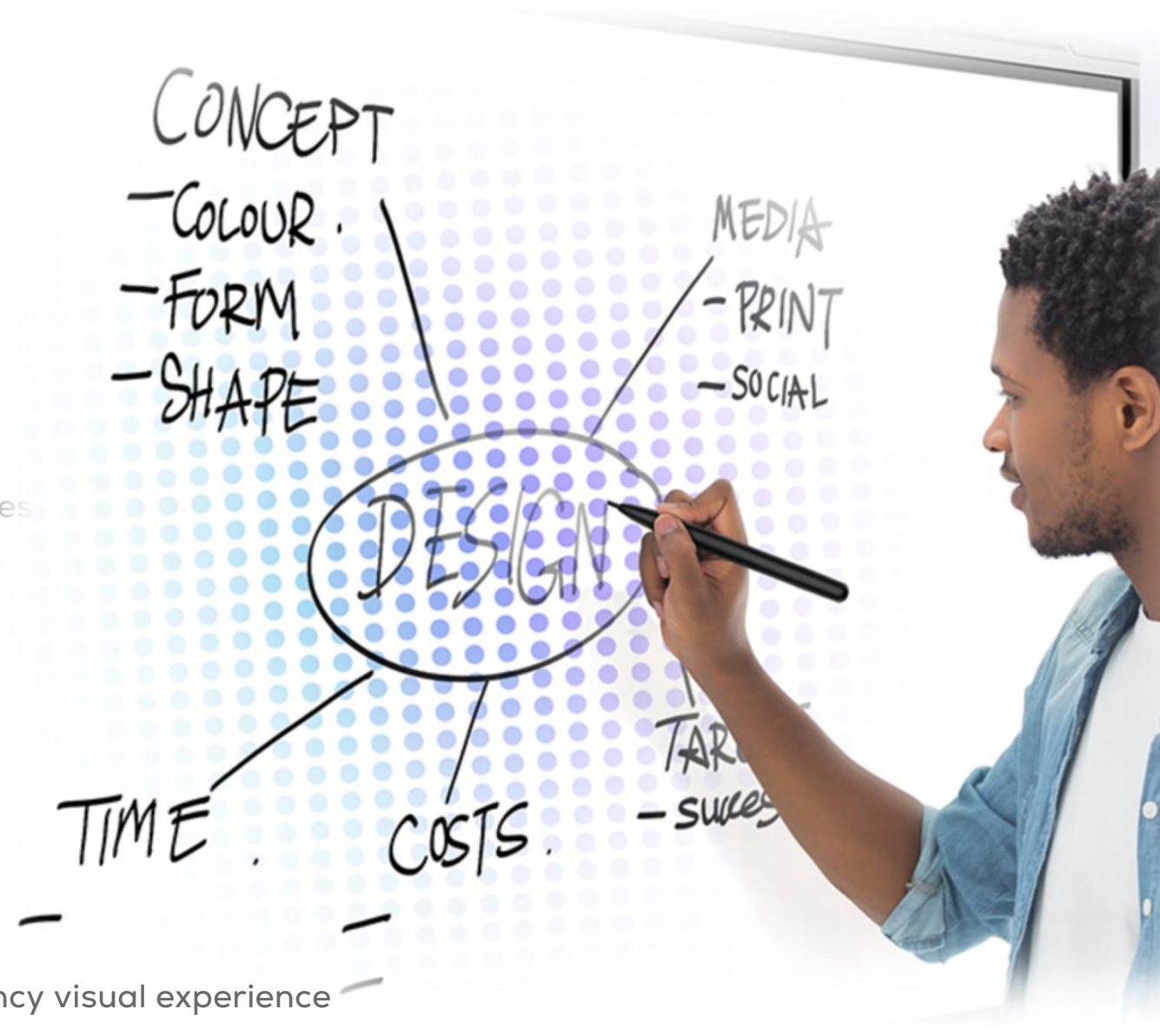
- Up to 50 touch points
- Ideal for interactive and collaborative educational activities

➤ High-Precision Interaction

- 1.5mm touch accuracy
- Detects even the smallest pen movements for precision

➤ Zero-Latency Visual Experience

- Up to 25ms writing latency (Android)
- AI handwriting prediction, delivers a zero-perceived-latency visual experience



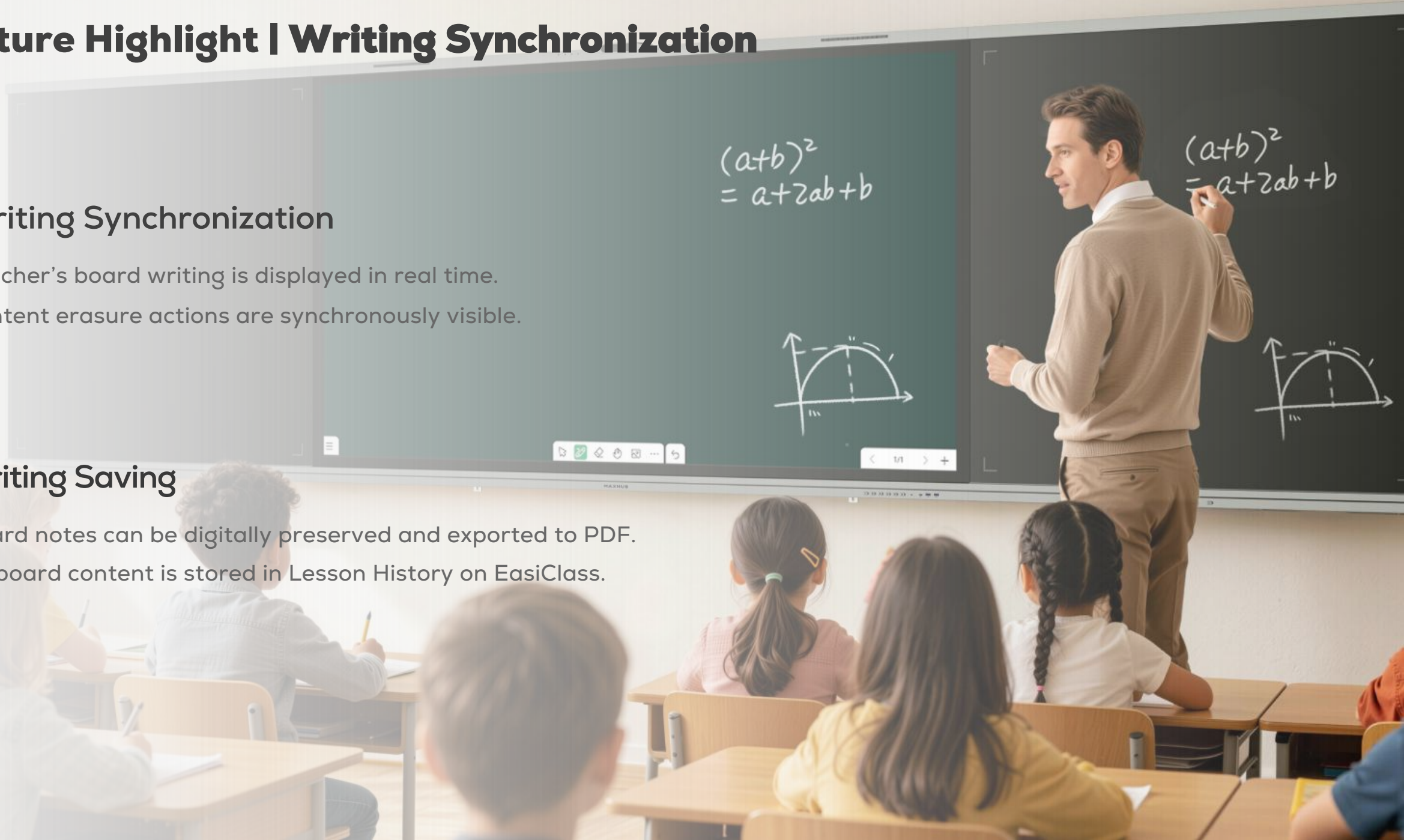
Feature Highlight | Writing Synchronization

➤ Writing Synchronization

- Teacher's board writing is displayed in real time.
- Content erasure actions are synchronously visible.

➤ Writing Saving

- Board notes can be digitally preserved and exported to PDF.
- All board content is stored in Lesson History on EasiClass.





EasiClass

AI-powered platform for K-12 teaching and learning



Preparation Before Class

1. Enhancing lesson planning efficiency with AI
Courseware/Quiz/Activity generation
2. Seamless integration with popular education system
File format compatibility & Bi-directional link to LMS

Teaching & Learning During Class

1. Hybrid Education: Follow the teacher anytime, anywhere
Collaborative whiteboard/Live session/Student screen
2. Powerful Whiteboard tools for EDU
3D Geometry/Function/formula/Simulation/Piano/...
3. Teacher-student interaction
Instant Quiz/AI chatbot/Send resource/...
4. Take self-study notes freely

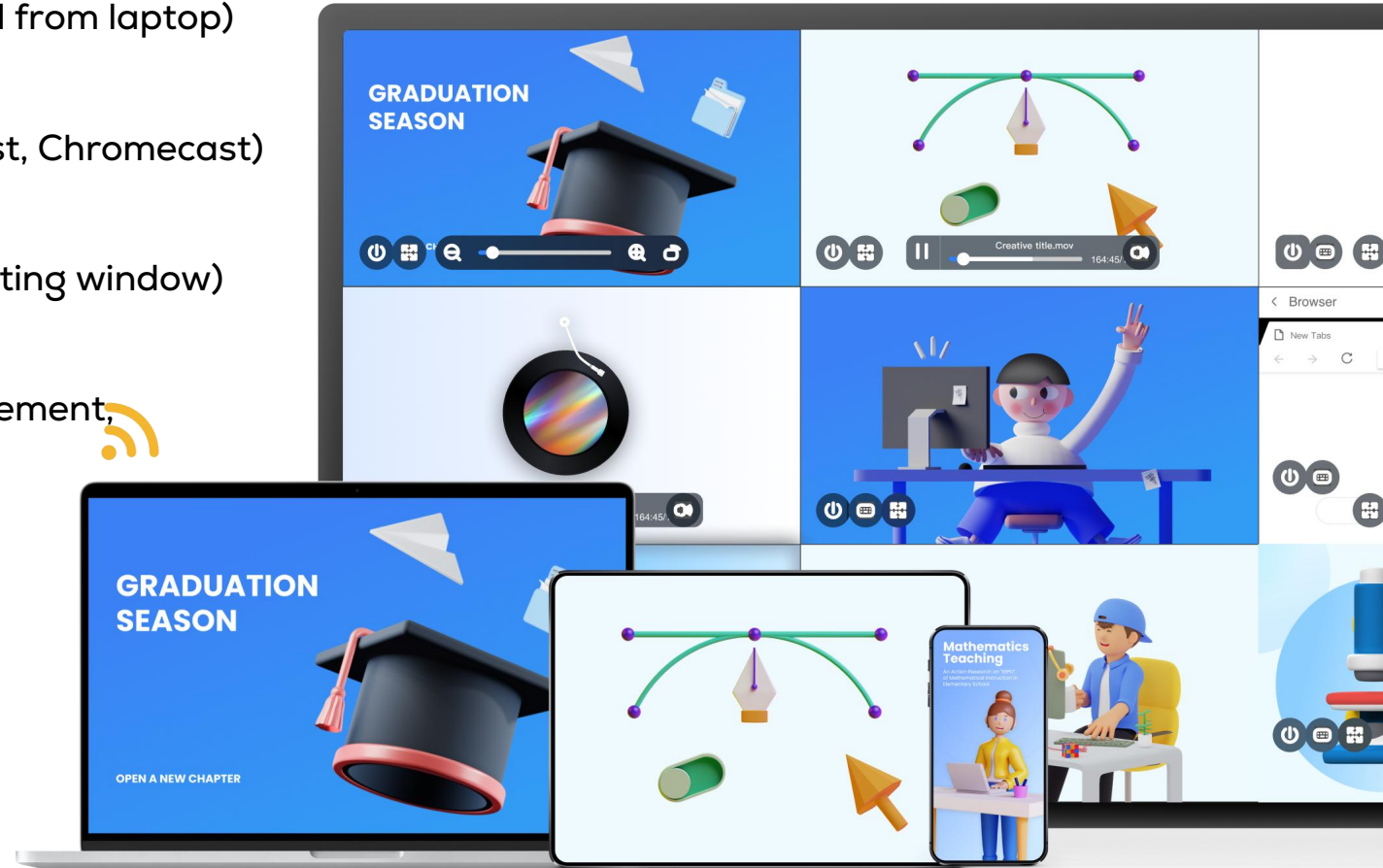
Revision After Class

Automatically saves all data in class and allows students to freely review from the student side.

Feature Highlights | MAXHUB Connect

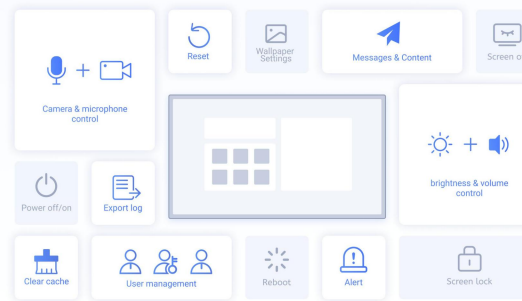
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- Two way sharing (casting screen to panel, or view panel from laptop)
- Compatible with well-known protocols (Airplay, Miracast, Chromecast)
- Flexible screen present (up to 9 screens, reorder, in floating window)
- Everything under control (advanced permission management, secured data channel, privacy window filtering)
- P2P/WLAN screen sharing (Industry Leading)



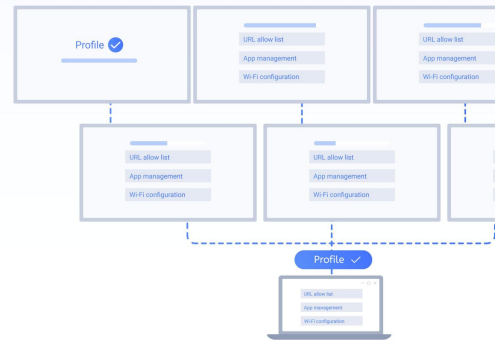
Feature Highlights | MAXHUB Pivot+

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Deep Management

- Offers a variety of advanced features such as factory reset, cache clear, and log export.



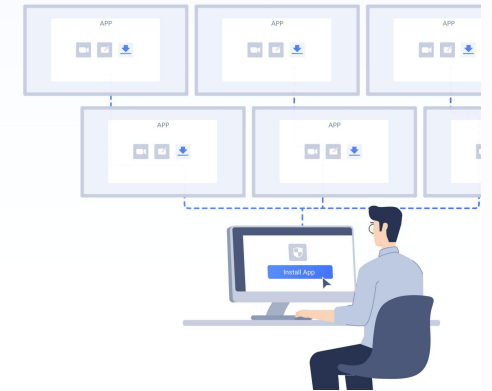
Configure New Devices

- IT admins can remotely and quickly set up and deploy a large number of new devices.



Firmware updates

- Quickly update the firmware of the U4 series to keep it up-to-date, secure, and stable.



Application Management

- Remotely install, uninstall, enable, and disable applications on multiple display devices with the web console

Feature Highlights | Trustworthy Solutions

MAXHUB



Durable & Safe By Design

- Built to IP5X dustproof standards for reliable performance in dusty environments.
- Scratch-resistant glass with a 9H hardness.



High-Transmittance Display

- Same brightness with 15% lower power consumption.
- 60,000 hours life cycle.



Energy Saving

- Energy-star certification helps protect the environment and saves 1,300kwh of electricity.

*Calculated at 86-inch for 3 years use

Feature Highlights | Versatile Solution

MT82S Module



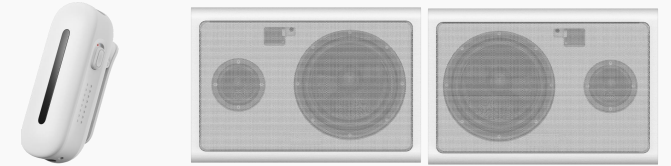
- Windows system, 13th Intel CPU
- Intel® Iris® Xe Graphics GPU
- i5 CPU, 8GB memory, 256GB storage
- i7 CPU, 16GB memory, 256GB storage

Capture System V3



- CSP30 Capture Host, 1TB storage
- EP30 PTZ teacher camera, AI tracking
- EW30S dual lens student camera, AI tracking
- CM30 ceiling microphone, 8m radius pick-up range

MC05B Lavalier Microphone, SS30B Speaker



- Sampling rate 48K 16bit, self-developed Wi-Fi protocol
- Can be clipped or held in hand, multi-purpose use
- 2×40W Hi-Fi-level sound quality, clearly restore and amplify the teacher's lecture voice

WL20 NFC Box



- NFC for fast login and log out
- USB quick connection
- Quick access to your cloud drive
- Personalized user interface and layout

SP30B Smart Pen



- 2.4G Bluetooth wireless connection
- High precious writing, ≤3mm
- Laser pointer, page up and down
- Powered by 1 AAA battery

SC13B Document Camera



- 13MP 4K camera autofocus
- One-piece camera arm design
- Shadow noise reduction and darkness enhancement
- Up to 4 screens to display for comparing or analysis

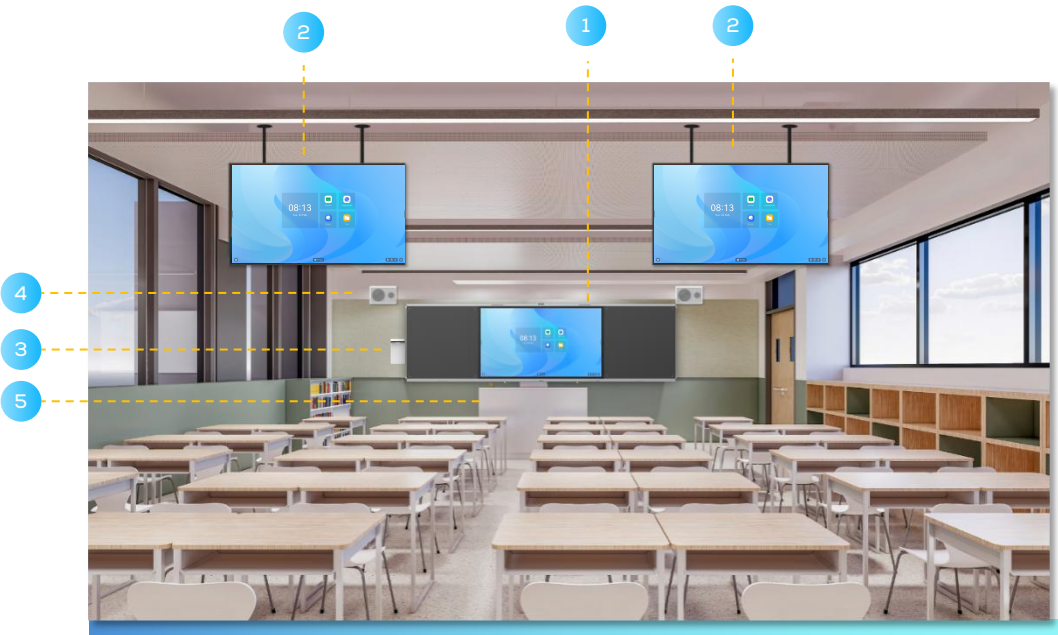
AC33 Voice Lift System



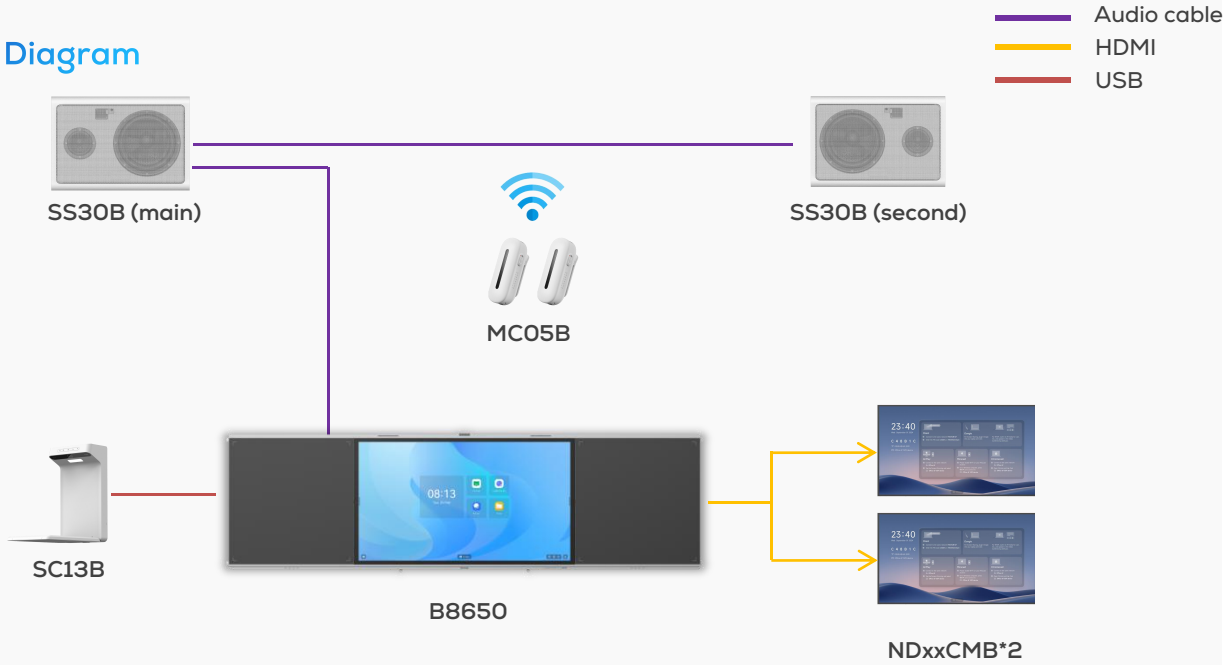
- Hand-free use for better sanitation
- 180° Virtual Sound Boundary
- Integrates 5A audio algorithms (AEC, AFC, AGC, ANS, ARR),
- Supports full-band sound reinforcement with 48 kHz output

MAXHUB Interactive Classroom

Design Intent | 20-60 students.



Diagram



① B8650
Interactive Display



② NDxxCMB*2
Commercial Display



③ SC13B
Document Camera



④ SS30B
Active Speaker



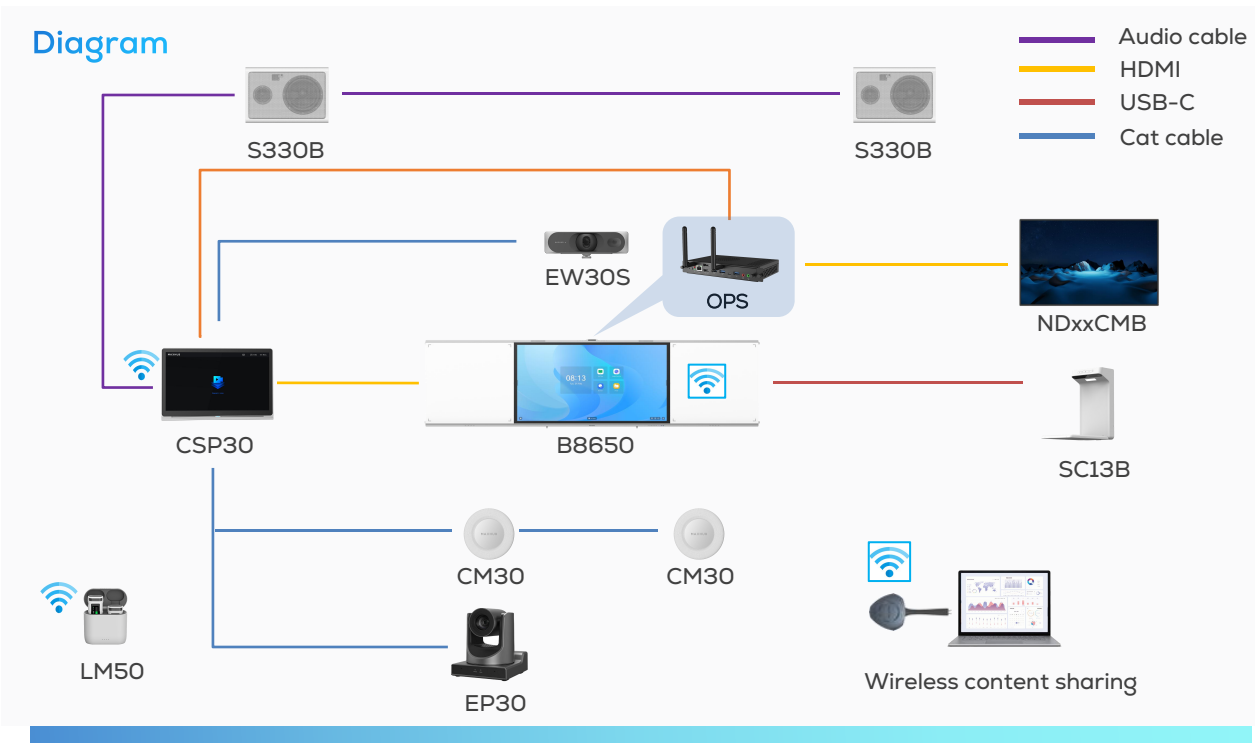
⑤ MC05B*2
Lavalier Microphone

Solutions Highlight

- Interactive display with high compatible Windows System
- Dual monitor setup provides seamless collaboration and sharing.
- Cascaded table speaker to enhance audio pickup range, support AI Noise Suppression

MAXHUB Hybrid Learning Classroom

Hybrid Online & Offline Teaching for Multi-terminal Seminars



Solutions Highlight

- AI PTZ camera to identify and track teacher
- Support switching between Intelligent director mode and multi-window splicing mode
- Compatible with mainstream conferencing platforms such as Teams, Zoom, Google Meet, or even Easi Class online teaching
- Easy and powerful live streaming teaching tools
- Caster software for teaching session observation and YouTube streaming

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THANKS.



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