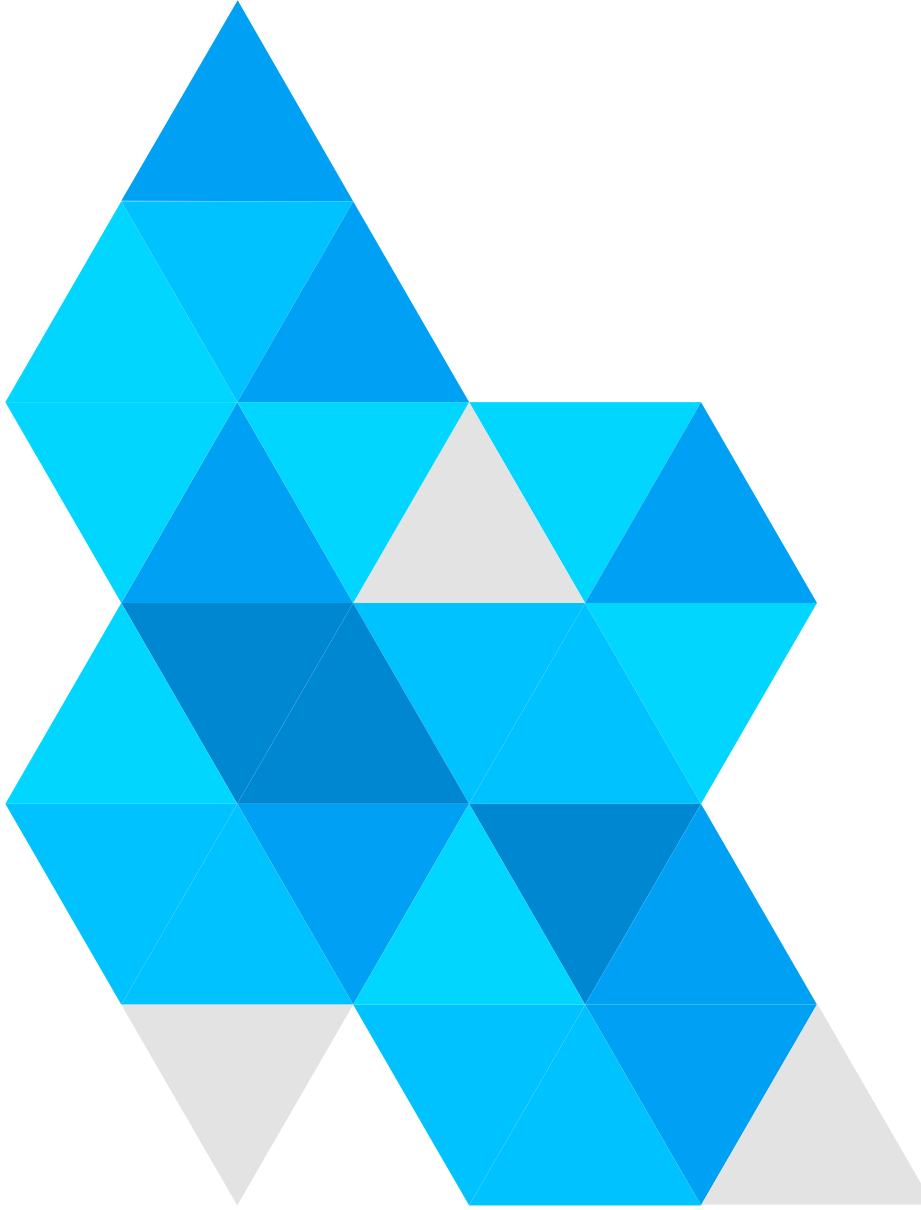




VIONYX

PANTALLA INTERACTIVA 75"



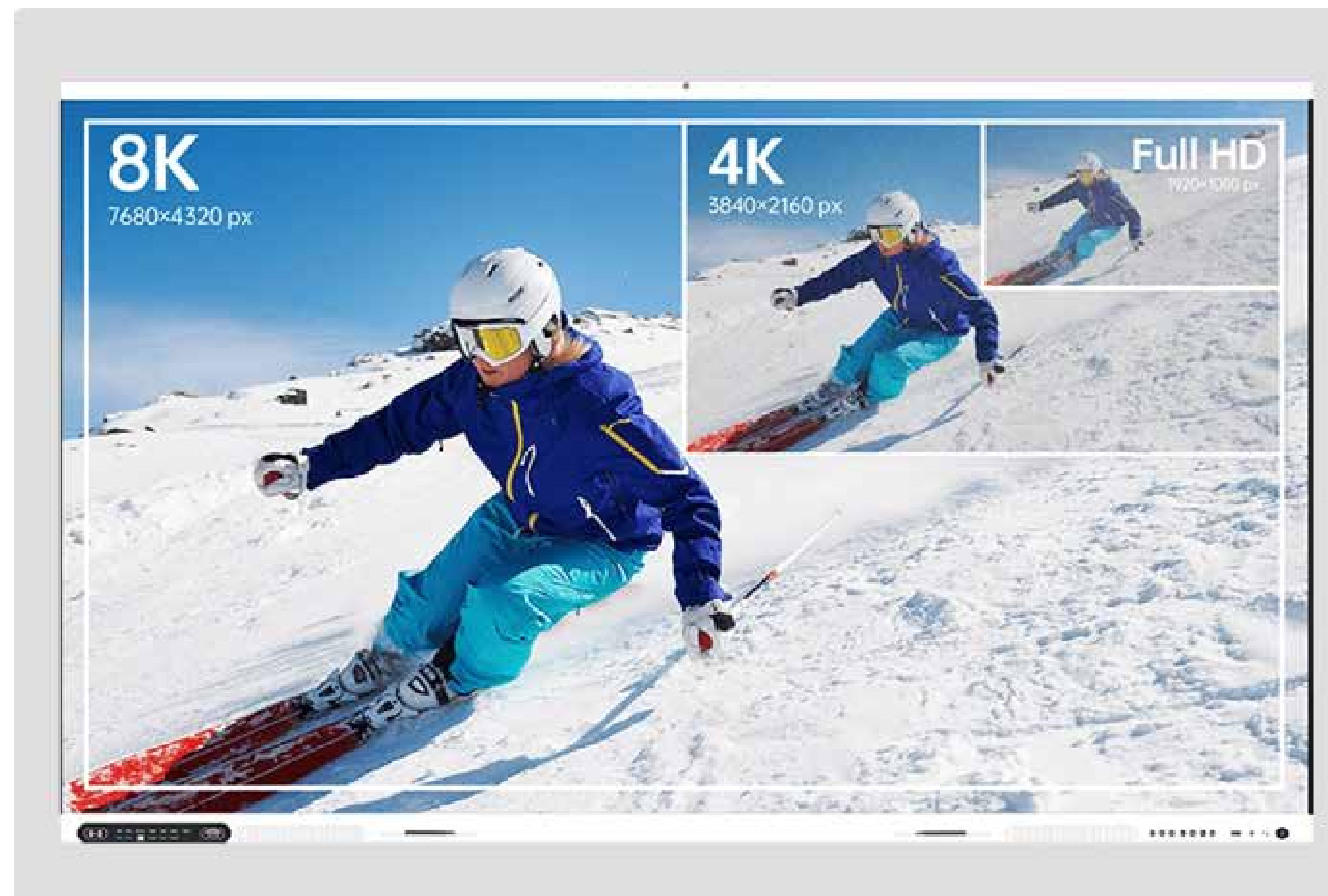
Interacción inteligente para educación y negocios

Rendimiento de nueva generación

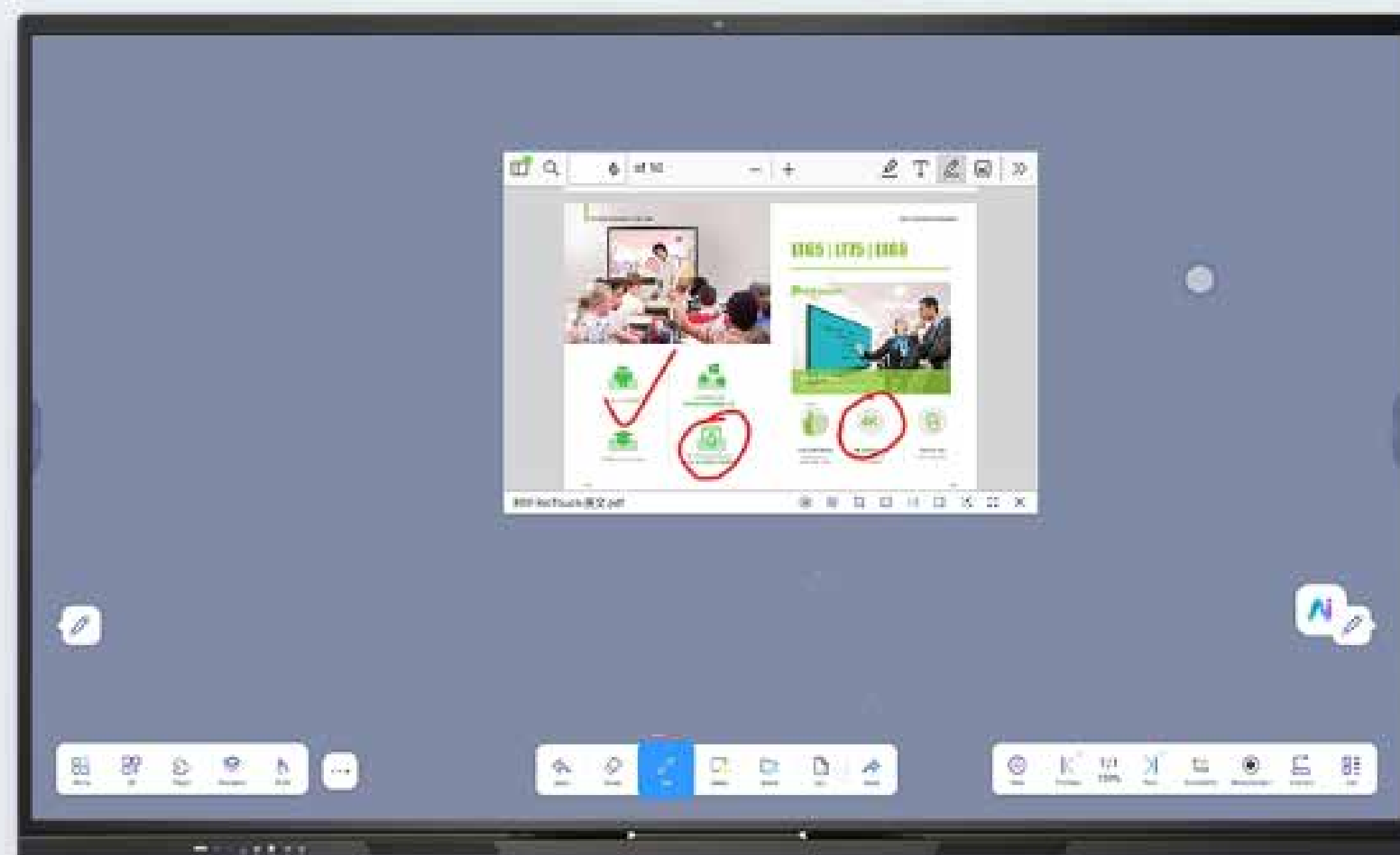
Impulsada por Android 16 y la plataforma RK3576, VIONYX ofrece una experiencia fluida para colaboración, contenido multimedia, videoconferencias y aplicaciones empresariales.

Aplicaciones

- Salas de reuniones inteligentes
- Capacitación corporativa
- Centros de innovación



Experiencia táctil natural y precisa



La tecnología táctil infrarroja de alta precisión permite escribir de forma fluida, realizar anotaciones y trabajar de manera colaborativa en tiempo real.

Comunicación inteligente con IA

Reuniones más eficientes y colaborativas

Integra herramientas avanzadas de audio y video para experiencias híbridas de alta calidad.



1

Cámara AI 48 MP

2

8 Micrófonos
largo alcance

3

Seguimiento
del orador

4

Reducción de ruido

Gestión centralizada desde cualquier lugar

Control total de sus dispositivos

La plataforma DMS permite administrar múltiples pantallas de manera centralizada, simplificando las tareas de TI.



Capacidades

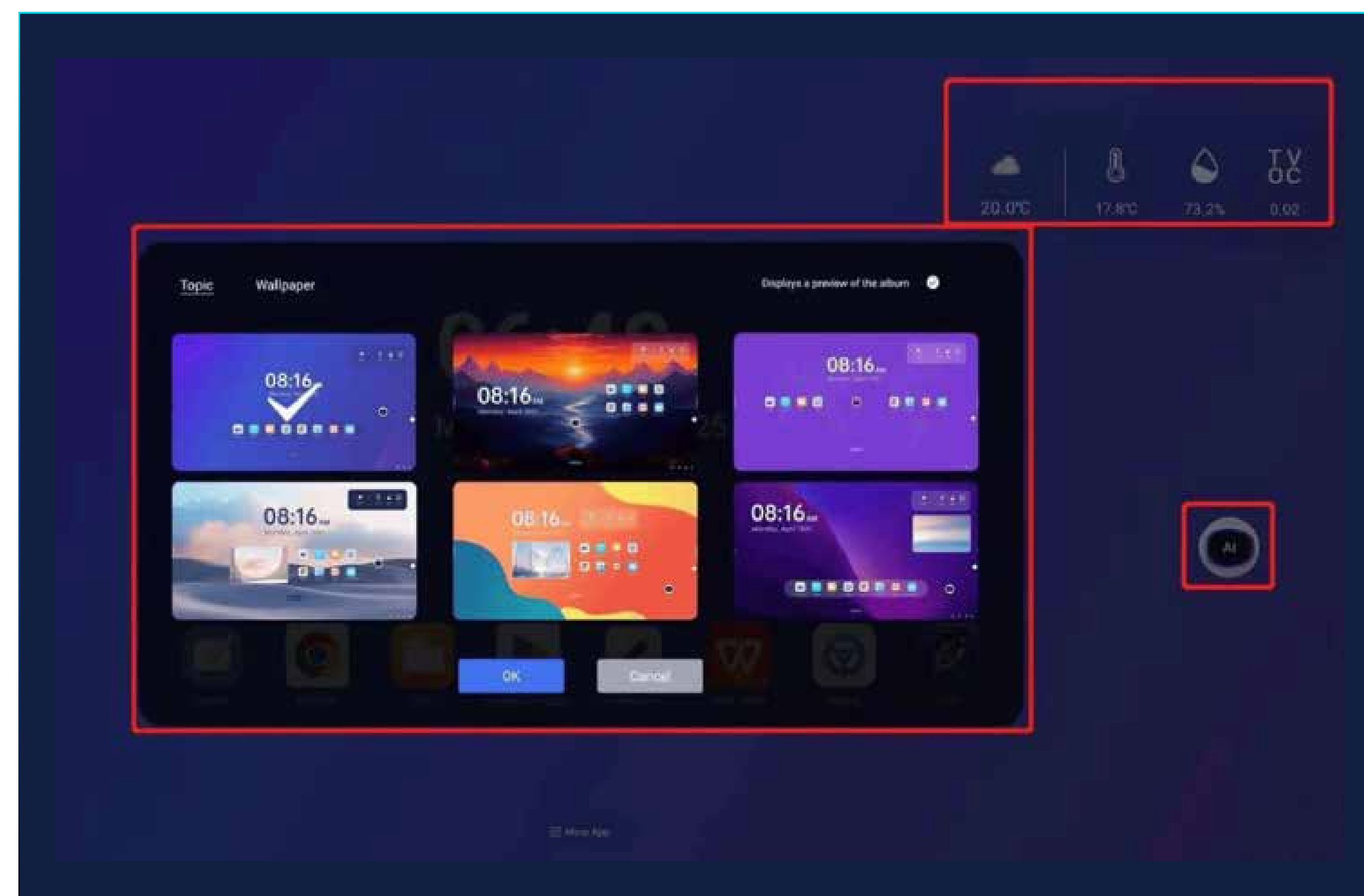
- Administración remota
- Diagnóstico de dispositivos
- Actualizaciones OTA
- Monitoreo centralizado
- Gestión multiusuario
- Distribución de contenido

Conectividad preparada para cualquier entorno

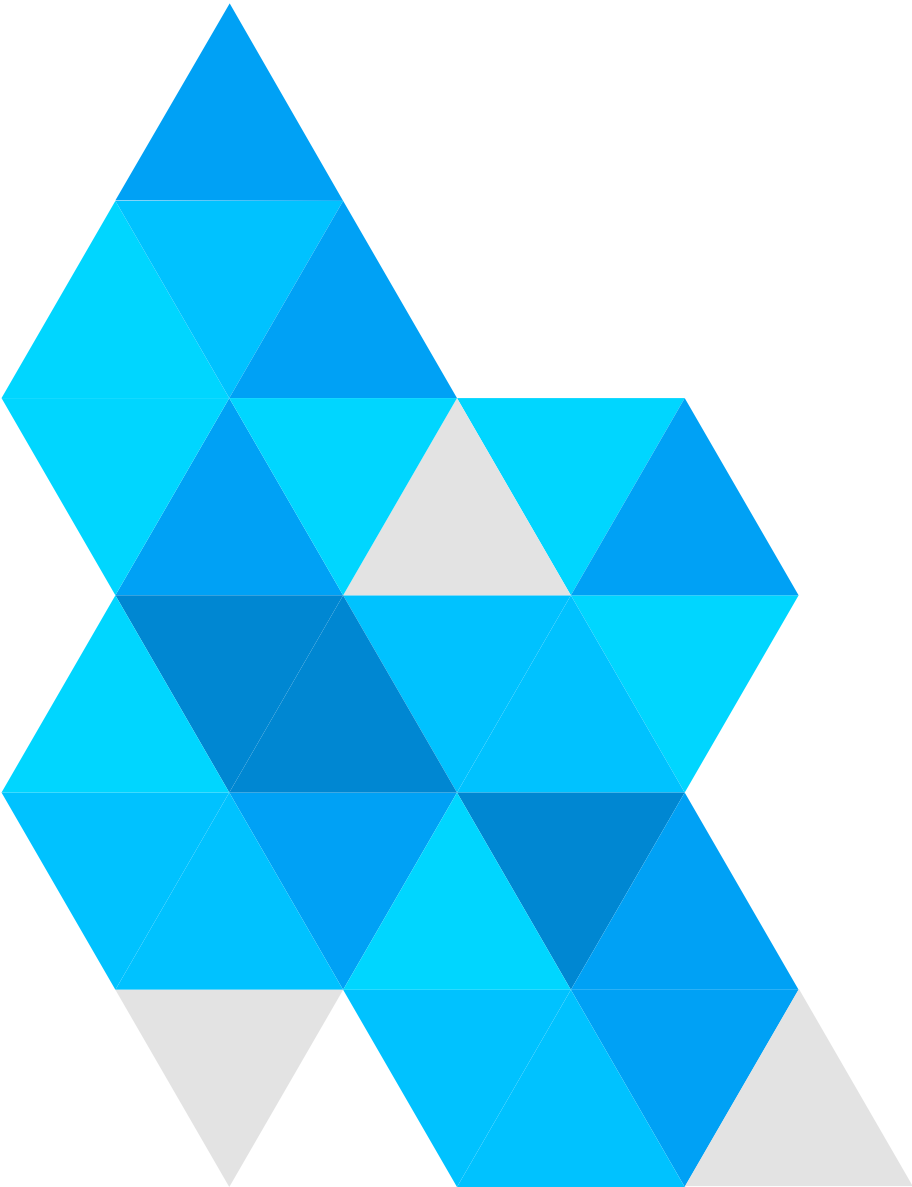
Diseñada para adaptarse a los ecosistemas tecnológicos actuales.

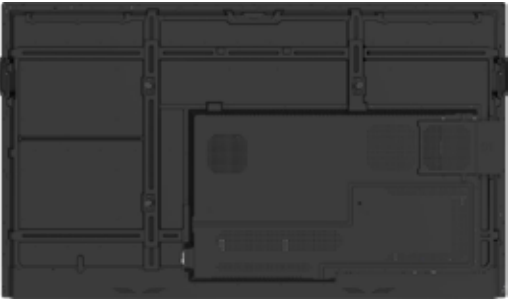
Interfaces disponibles

- SUSB-C
- HDMI In / Out
- USB 3.0
- RJ45
- OPS Slot
- WiFi 6
- Bluetooth 5.2
- NFC

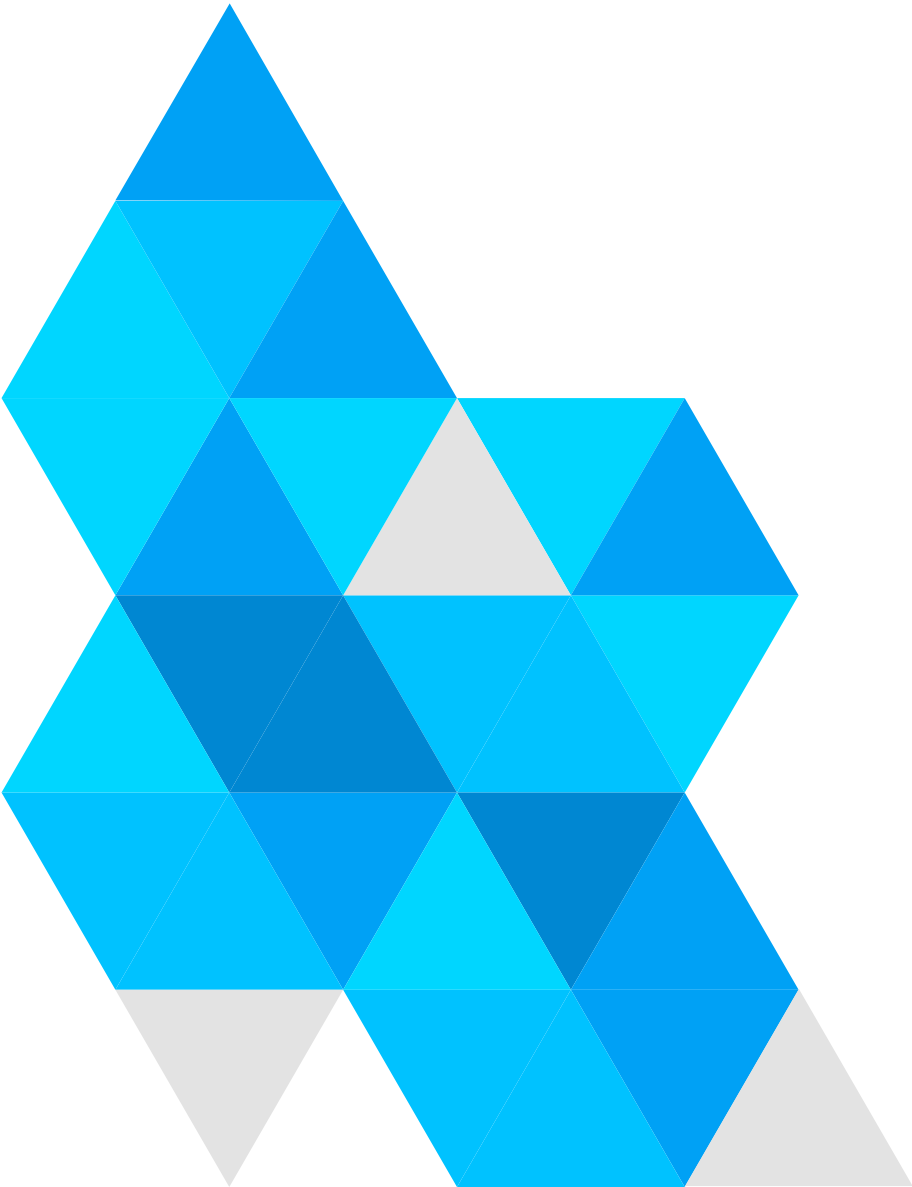


Especificaciones técnicas de pantalla



Model		LTF6SRK3576	LTF75RK3576	LTF86RK3576	LTF98RK3576
Product picture					
Display specification					
Diagonal display size		65(inch)	75(inch)	86(inch)	98(inch)
Bezel color	Aluminum frame(Black color)	√	√	√	√
Panel type	Ultra HD Direct type LED	√	√	√	√
Active area (mm)		1428.48 (H) * 803.52 (V)	1649.66(H) * 927.93(V)	1895.04 (H) * 1065.96(V)	2158.85 (H) * 1214.35(V)
Resolution	3840*2160 /60hz	√	√	√	√
Pixel Pitch		0.372mm x 0.372mm	0.429 mm x 0.429 mm	0.4935 mm x 0.4935 mm	0.5622 mm x 0.56225 mm
Hardness Glass	Mohs-7 level	√	√	√	√
Glass Panel	Anti-Glare glass with zero bonding	√	√	√	√
Aspect Ratio	16:9	√	√	√	√
Contrast Ratio	1200:1 (type)	√	√	√	√
Brightness	350cd/m²	√	√	√	√
Color depth	1.07 billion colors	√	√	√	√
Viewing angle	178°	√	√	√	√
Lifespan	50,000 hours	√	√	√	√
Touch Type					
Touch Technology	IR touch	√	√	√	√
Multi Touch	Max 40	√	√	√	√
Multi Writing	Max 40	√	√	√	√
Touch Precision	1 mm (over 90% Area)	√	√	√	√
Auto-Calibration	Yes	√	√	√	√
Anti-light	Yes	√	√	√	√
Minimum object size	2mm	√	√	√	√
Touch Response Time	First Point <2 ms, Continuation <8 ms	√	√	√	√
Supporting OS	Windows 7/8/10/11; Android; Mac; Linux; Chrome OS	√	√	√	√
Sound					
Front Speakers	15W*2	√	√	√	√
Subwoofer	20W*1 (option)	√	√	√	√
Microphone (option)					
Type	Wide-area microphones	√	√	√	√
Number of Microphones	8	√	√	√	√
Auto switch (Windows/Central)	Yes	√	√	√	√
Disconnectable	Yes	√	√	√	√
Camera (option)					
Number of images	4800M (AI) /6400M	√	√	√	√
Maximum resolution and frame rate	4208*3120(30fps)	√	√	√	√
FOV(field of view)	D=119° H=97 V=74	√	√	√	√
Front Side Connections					
Front Ports	Type-C * 1 line; HDMI IN * 3 line; USB3.0*2; USB-B*1	√	√	√	√
Front Keys	Power on/off	√	√	√	√
Light Sensor		√	√	√	√
NFC	(option)	√	√	√	√
Fingerprint	(option)	√	√	√	√
PM2.5	(option)	√	√	√	√
Bottom Side Connections					
Earphone	1	√	√	√	√
MIC IN	1	√	√	√	√
RS232	1	√	√	√	√
RJ45 IN	1	√	√	√	√
COAX	1	√	√	√	√
TOUCH OUT	1	√	√	√	√
HDMI IN	2	√	√	√	√
TYPE-C OUT	1	√	√	√	√
Public USB2.0	1	√	√	√	√
Android USB3.0	1	√	√	√	√
HDMI OUT	1	√	√	√	√
TF CARD	1	√	√	√	√
WIFI	IEEE802.11a/b/g/n/ac/ax BT+WIFI	√	√	√	√
Windows OPS Slot	80-pins OPS slot	√	√	√	√
Bluetooth version	5.2	√	√	√	√
Riotouch Central					
Android Version	Android 16.0	√	√	√	√
Chip	RK3576	√	√	√	√
CPU	quad-core Cortex-A72 and quad-core Cortex-A53	√	√	√	√
GPU	ARM Mali-G52 MC3	√	√	√	√
RAM	8G Byte , Max.16G Byte DDR	√	√	√	√
Flash	128G Byte, Max.512G Byte EMMC	√	√	√	√
Compliant with	Windows; Mac; Linux; Chrome OS	√	√	√	√
Over-the-Air Updates (OTA)	YES	√	√	√	√
General Information					

Especificaciones técnicas de hardware



Power Supply	100-240 V (50/60Hz)	√	√	√	√
Switch On / Off	Yes	√	√	√	√
Standby Energy Consumption	≤ 0.5 Watt	√	√	√	√
Power Consumption		Maximun< 290W Eco<75W	Maximun< 320W Eco<75W	Maximun< 350W Eco<75W	Maximun< 510W Eco<75W
Net Weight	(KG±2)	45	55	70	110
Gross Weight	(KG±2)	55	68	85	120
Screen Dimensions	(WxDxH)	1485 *102*900mm	1707*102*1025 mm	1953*102*1164 mm	202.5*103*1207 mm
Dimensions Package	(WxDxH)	1594*170*1005 mm	1818*165*1120mm	2055*168*1272mm	2130.5*175*1317mm
VESA Standard	(mm)	400*500 mm	400*700 mm	600*800 mm	600*900 mm
Certifications	CE: EMC + LVD / RoHS / FCC/CCC	√	√	√	√
Warranty	ONE year for the whole product and THREE years for touch parts by default. (can be extended, it's for an option)	√	√	√	√
Environmental conditions					
Operating Temperature	0°C - 40°C/32 - 100 °F	√	√	√	√
Storage Temperature	-20°C - 60°C/-4 - 140 °F	√	√	√	√
Storage Humidity	10 % - 90 %	√	√	√	√
Usage Humidity	10 % - 90 %	√	√	√	√
Accessories					
Accessories	WIFI antenna*3pcs; No ink pen * 2pcs, Remote control *1pcs, 1.5m power cord *1pcs, 1.5m HDMI cable *1pcs, 1.5m USB touch cable *1pcs; wall mount kit				
Software Ecosystem(Umind Whiteboard Software)					
Multi-Touch & Object Manipulation	Supports high-precision multi-user writing with object-based processing. Users can seamlessly transform, translate, rotate, and resize objects. Includes advanced features like Text-to-Speech (TTS) and color customization for inclusive teaching.				
Comprehensive Teaching Toolkit	Integrated with professional pedagogical tools, including digital rulers, protractors, compasses, and timers. Features specialized utilities such as Screen Recording, Spotlight, and Magnifier to focus student attention on key content.				
Extensive File & Format Support	Native support for opening, annotating, and managing a vast range of file formats: Office Suite (DOC, XLS, PPT), PDF, CAD (DWG), 3D Objects (OBJ, PBN), ZIP/RAR archives, and high-definition multimedia files.				
Multi-Window & Task Management	The software allows for multi-window document viewing, enabling teachers to compare different files or objects side-by-side on a single screen without lag.				
3D & Science Simulations	Built-in library of interactive 3D objects and simulations for Physics, Chemistry, and General Science. Includes a Dynamic Periodic Table of Elements and virtual laboratories for safe, hands-on scientific exploration.				
AI-Powered Visualization	Features intelligent algorithms to automatically generate Mind Maps and Data Tables. Users can brainstorm and organize complex ideas into structured visual diagrams with a single touch.				
Whiteboard Camera & Sharing	Supports opening the integrated camera directly within the whiteboard for live demonstrations. Lessons can be recorded and shared instantly via QR Code generation for students to download and review.				
Intelligent Image Recognition	The AI engine supports Automatic Image Recognition, allowing the system to identify hand-drawn sketches or uploaded photos and suggest related educational resources or search results.				
Live Streaming Capabilities					
Direct Integration	The system provides native live streaming support with no additional configuration or authorization required. It can be utilized directly out-of-the-box.				
Hardware-Level Support	Fully supports the integrated 48MP camera and 8-array microphone system, ensuring high-quality broadcasting				
Artificial Intelligence (AI) Capabilities					
AI Voice Assistant	Supports advanced Natural Language Processing (NLP) for voice commands, device control, and application management.				
Intelligent Recognition	Built-in high-speed OCR for Handwriting-to-Text and Smart Shape Correction, converting sketches into precise digital geometric forms.				
AI-Powered Lesson Prep	Automated generation of lesson plans, formative quizzes, and multimedia resources based on curriculum keywords.				
Live Captioning & Translation	Real-time Speech-to-Text transcription of lectures into on-screen captions with simultaneous multi-language translation.				
Vision Roll (AI Attendance)	Utilizing a 48MP AI camera for automated Facial Recognition to track and log student attendance by class, grade, and school.				
Engagement & Posture Analysis	AI camera monitors classroom atmosphere by analyzing student attention levels, eye contact, and sitting posture in real-time..				
Automated Assessment	Scans and analyzes student assignments or test papers via the touch screen for instantaneous grading and diagnostic error feedback.				
Educational Resources & Content					
Interactive STEM Resources	Pre-installed with PHET Interactive Simulations (fully authorized) covering Physics, Chemistry, and Math to support inquiry-based learning.				
Built-in 3D Resource Library	Includes over 300+ professional 3D resources across various subjects (Biology, Physics, Chemistry, etc.), allowing teachers to rotate, zoom, and interact with complex models.				
Tiered Resource Management	Supports school-owned or regional resource spaces with tiered authorization, allowing content sharing and management at school, teacher, and student levels.				
Universal File Reader	Seamlessly opens and annotates over high-level educational formats including PBN, OBJ, CAD, and interactive 3D files directly within the whiteboard.				
Cloud Interaction & Management (DMS)					
Device Management (DMS)	Centralized cloud-based control for remote power, security locking, hardware diagnostics (Camera/Touch/Mic), and OTA firmware updates.				
Cloud Integration	Seamless synchronization with Google Drive and OneDrive. Features an AI Library for voice-activated resource inquiries.				
Collaborative Interaction	Supports Plyvoice (remote meeting join via QR) and Interactive Voting tools with real-time result visualization on all connected devices.				
Cloud-Based CMS	Features a powerful Content Management System allowing administrators to remotely push multimedia content, emergency alerts, and school notifications to all				
Multi-Level Account Management	Supports a hierarchical account system, including Super Administrators, Institutional Administrators, and Individual Users, to manage the entire device fleet efficiently.				



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Conectividad total y máxima compatibilidad