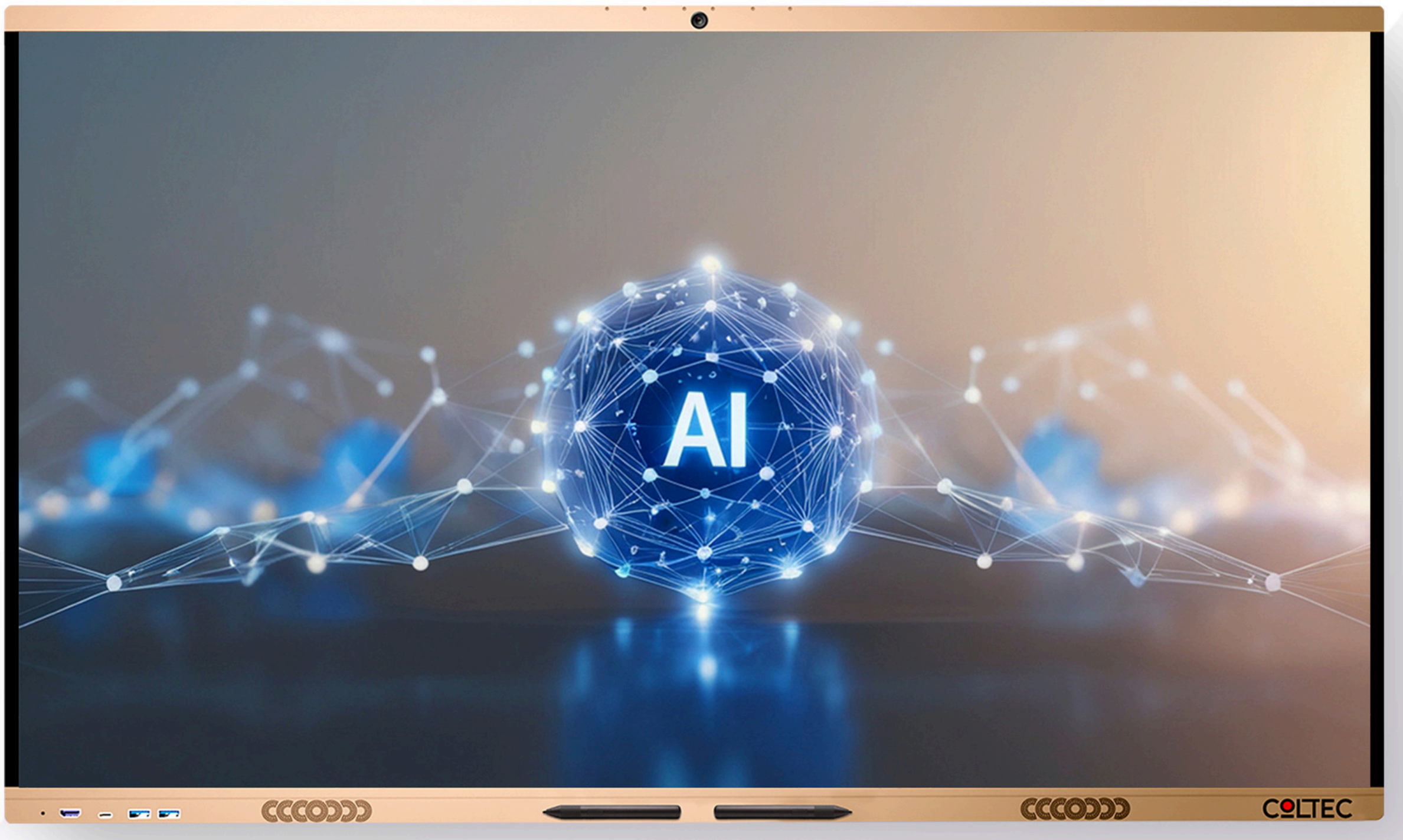

Inspire 2.0 Series

Revolutionize Collaboration and Learning

Experience seamless interaction with our Interactive Display Panels, designed to transform meetings and classrooms into engaging, collaborative spaces.

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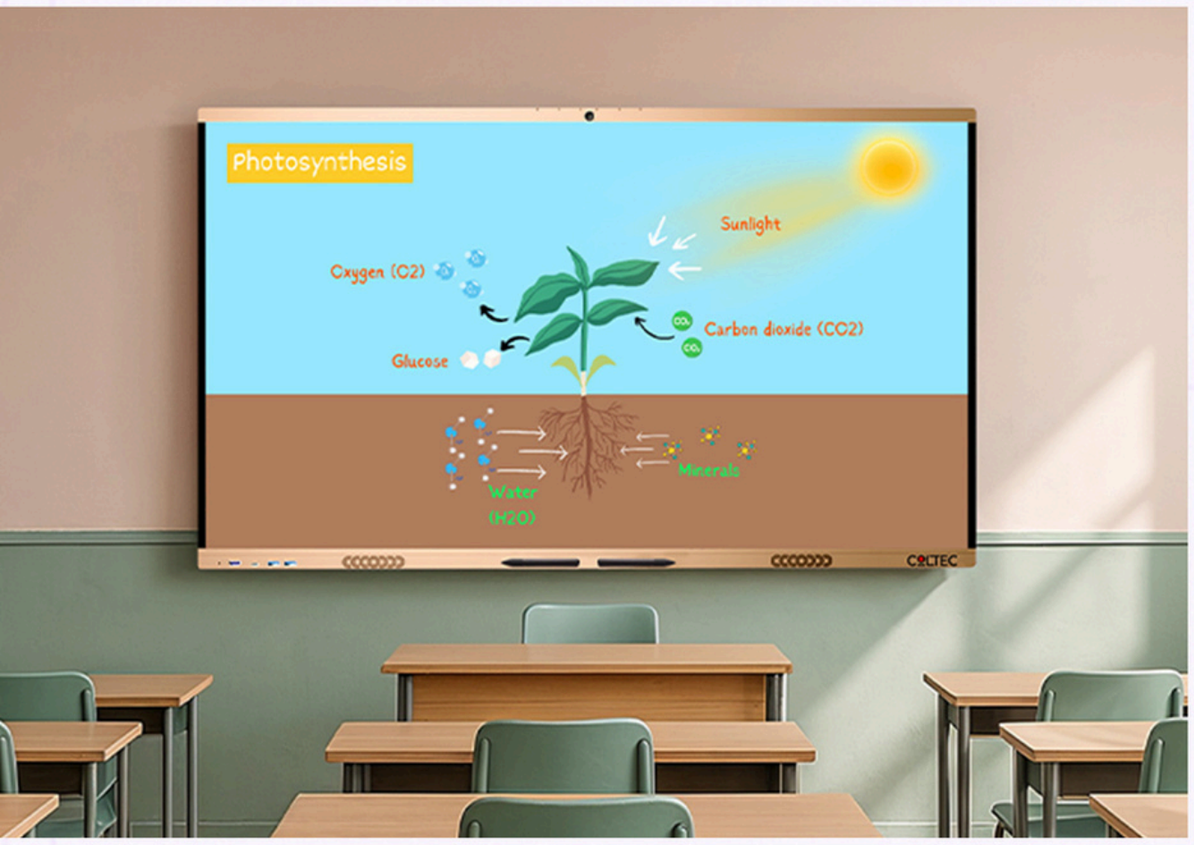
Ultra-Clear 4K Display

Breathtaking 4K clarity. Brilliant 400-nit brightness. A wide 178° view so everyone sees it perfectly. Finished with toughened glass for everyday durability.

- 100% NTSC Colour Gamut Display
- Toughened Glass Display
- 178° Viewing Angle
- 400 nits Brightness



Precision Infrared Touch Technology

Seamless collaboration with 40-point IR touch and ±1 mm precision. Every tap, swipe, and write responds instantly.

- Infrared Touch Technology
- ±1mm Touch Precision
- Precision Writing
- 40 Touch Points



Powerful Performance & Connectivity

Octa-core power with upto 16GB RAM and 256GB storage for smooth, fast multitasking. Connect everything with versatile ports, and switch easily between Android 15 and Windows.

- Dual Quad-Core Processors
- 6T Computing power NPU
- High Performance GPU
- Dual Operating Systems

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Smart Whiteboard. Smarter Teaching.

Transform your interactive touch panel into a digital teaching assistant. The COLTEC Whiteboard brings AI-powered tools directly to the screen.

AI Search

Brings quick answers right to the whiteboard.

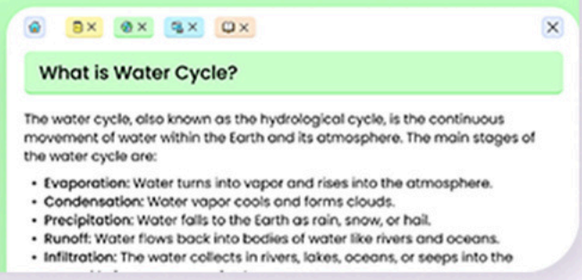
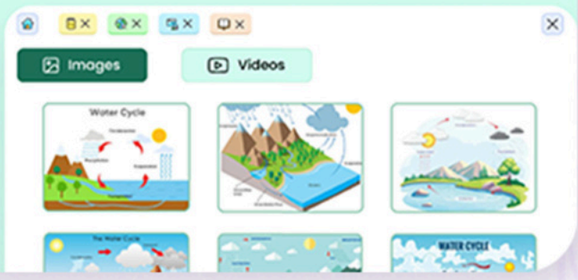


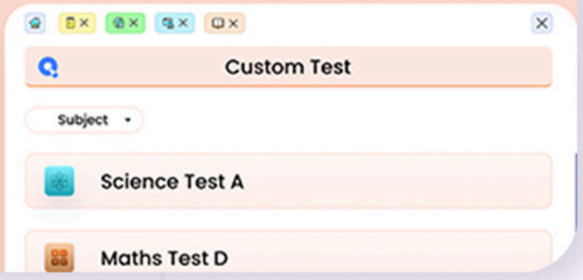
Image & Video

Bring multimedia to your teaching.



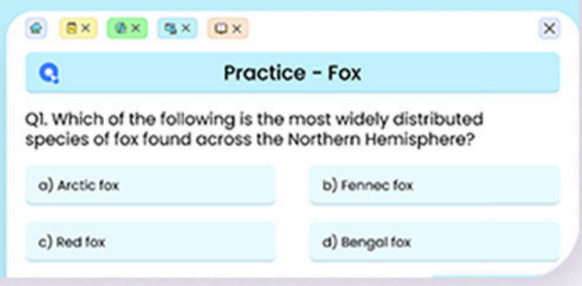
Custom Test

Solve quizzes in class custom created by the teachers.



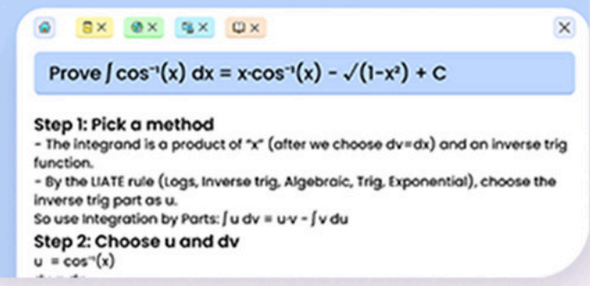
Practice

Create interactive exercises and quick quizzes.



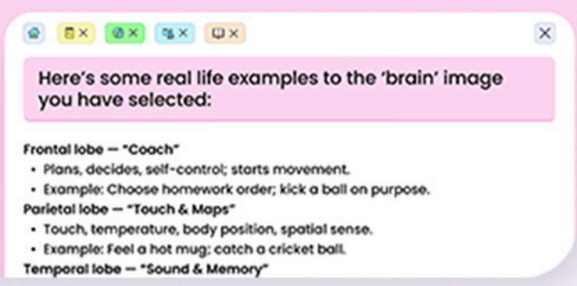
Solve

Solve any STEM equation with ease.



Real-Life Examples

Reinforce concepts with contextual insights.



Wikipedia

Discussion

Unit Plan

Homework

Engagement

Exit Ticket

Lesson Plan Generator

& many more...

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Product Specifications

Diagonal Size(inch)	65″	75″	86″	98″	110″
Resolution	4K UHD (3840*2160)	4K UHD (3840*2160)	4K UHD (3840*2160)	4K UHD (3840*2160)	4K UHD (3840*2160)
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Brightness(nits)	400	400	400	400	400
Contrast Ratio(typ)	1300:1	1300:1	1300:1	1300:1	1300:1
Response Time	8ms (typ)	8ms (typ)	8ms (typ)	8ms (typ)	8ms (typ)
Viewing Angle	178° H/V	178° H/V	178° H/V	178° H/V	178° H/V
Surface Protection	4mm Toughened Anti Glare Glass with Level 7 of MOHS Standard	4mm Toughened Anti Glare Glass with Level 7 of MOHS Standard	4mm Toughened Anti Glare Glass with Level 7 of MOHS Standard	4mm Toughened Anti Glare Glass with Level 7 of MOHS Standard	4mm Toughened Anti Glare Glass with Level 7 of MOHS Standard
Touch Technology	Infrared	Infrared	Infrared	Infrared	Infrared
Touch Points	40	40	40	40	40
Touch Precision Accuracy	±1mm	±1mm	±1mm	±1mm	±1mm
Processor	Octa-core 64-bit: Quad-core Cortex A53 + Quad-core Cortex-A72, up to 2.2GHz, RK3576	Octa-core 64-bit: Quad-core Cortex A53 + Quad-core Cortex-A72, up to 2.2GHz, RK3576	Octa-core 64-bit: Quad-core Cortex A53 + Quad-core Cortex-A72, up to 2.2GHz, RK3576	Octa-core 64-bit: Quad-core Cortex A53 + Quad-core Cortex-A72, up to 2.2GHz, RK3576	Octa-core 64-bit: Quad-core Cortex A53 + Quad-core Cortex-A72, up to 2.2GHz, RK3576
GPU	Mali-G52 MC3 @ 1GHz, Supports OpenGL ES 1.1/2.0/3.2ÿ OpenCL 2.0ÿVulkan 1.1, Embedded high performance 2D acceleration hardware	Mali-G52 MC3 @ 1GHz, Supports OpenGL ES 1.1/2.0/3.2ÿ OpenCL 2.0ÿVulkan 1.1, Embedded high performance 2D acceleration hardware	Mali-G52 MC3 @ 1GHz, Supports OpenGL ES 1.1/2.0/3.2ÿ OpenCL 2.0ÿVulkan 1.1, Embedded high performance 2D acceleration hardware	Mali-G52 MC3 @ 1GHz, Supports OpenGL ES 1.1/2.0/3.2ÿ OpenCL 2.0ÿVulkan 1.1, Embedded high performance 2D acceleration hardware	Mali-G52 MC3 @ 1GHz, Supports OpenGL ES 1.1/2.0/3.2ÿ OpenCL 2.0ÿVulkan 1.1, Embedded high performance 2D acceleration hardware
NPU	Supports 6T computing power	Supports 6T computing power	Supports 6T computing power	Supports 6T computing power	Supports 6T computing power
RAM/ROM	8GB/128GB, 16GB/128GB/256GB	8GB/128GB, 16GB/128GB/256GB	8GB/128GB, 16GB/128GB/256GB	8GB/128GB, 16GB/128GB/256GB	8GB/128GB, 16GB/128GB/256GB
Operating System	Windows 7/8/10/11, Android, Mac; Linux, Chrome	Windows 7/8/10/11, Android, Mac; Linux, Chrome	Windows 7/8/10/11, Android, Mac; Linux, Chrome	Windows 7/8/10/11, Android, Mac; Linux, Chrome	Windows 7/8/10/11, Android, Mac; Linux, Chrome

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Ports & Connectivity	HDMI (IN) x2, USB 3.0x3, USB TOUCH, USB Type C, AV (IN), AV (OUT), DP (IN), VGA (IN), YPbPr (IN), RS232 (IN), PC/ VGA Audio (IN), Ear phone (OUT), SPDIF/ Digital Audio (OUT), R145, In-Built Dual Band Wi-Fi, HDMI (OUT), MIC (IN)	HDMI (IN) x2, USB 3.0x3, USB TOUCH, USB Type C, AV (IN), AV (OUT), DP (IN), VGA (IN), YPbPr (IN), RS232 (IN), PC/ VGA Audio (IN), Ear phone (OUT), SPDIF/ Digital Audio (OUT), R145, In-Built Dual Band Wi-Fi, HDMI (OUT), MIC (IN)	HDMI (IN) x2, USB 3.0x3, USB TOUCH, USB Type C, AV (IN), AV (OUT), DP (IN), VGA (IN), YPbPr (IN), RS232 (IN), PC/ VGA Audio (IN), Ear phone (OUT), SPDIF/ Digital Audio (OUT), R145, In-Built Dual Band Wi-Fi, HDMI (OUT), MIC (IN)	HDMI (IN) x2, USB 3.0x3, USB TOUCH, USB Type C, AV (IN), AV (OUT), DP (IN), VGA (IN), YPbPr (IN), RS232 (IN), PC/ VGA Audio (IN), Ear phone (OUT), SPDIF/ Digital Audio (OUT), R145, In-Built Dual Band Wi-Fi, HDMI (OUT), MIC (IN)	HDMI (IN) x2, USB 3.0x3, USB TOUCH, USB Type C, AV (IN), AV (OUT), DP (IN), VGA (IN), YPbPr (IN), RS232 (IN), PC/ VGA Audio (IN), Ear phone (OUT), SPDIF/ Digital Audio (OUT), R145, In-Built Dual Band Wi-Fi, HDMI (OUT), MIC (IN)
Speaker Output	2*20W	2*20W	2*20W	2*20W	2*20W
Lifespan	50,000 hour	50,000 hour	50,000 hour	50,000 hour	50,000 hour
Whiteboard Pen	2	2	2	2	2
Remote Control	1	1	1	1	1
Screen Mirroring	Yes	Yes	Yes	Yes	Yes
Auto-Calibration	Yes	Yes	Yes	Yes	Yes
Color depth	1.07 billion colors	1.07 billion colors	1.07 billion colors	1.07 billion colors	1.07 billion colors
Wall Mount Bracket	Yes	Yes	Yes	Yes	Yes
Power Supply (AC)	100-240V	100-240V	100-240V	100-240V	100-240V
Minimum object size	2mm	2mm	2mm	2mm	2mm
Android Updates	Android 14.0 upgradable upto Android 16.0	Android 14.0 upgradable upto Android 16.0	Android 14.0 upgradable upto Android 16.0	Android 14.0 upgradable upto Android 16.0	Android 14.0 upgradable upto Android 16.0
Certifications	CE: EMC + LVD / RoHS / FCC/CCC	CE: EMC + LVD / RoHS / FCC/CCC	CE: EMC + LVD / RoHS / FCC/CCC	CE: EMC + LVD / RoHS / FCC/CCC	CE: EMC + LVD / RoHS / FCC/CCC
Windows OPS Slot	80-pins OPS slot	80-pins OPS slot	80-pins OPS slot	80-pins OPS slot	80-pins OPS slot
Power Consumption	≤180W	≤200W	≤220W	≤300W	≤300W
Product Dimensions	1486 x 909 x 89.9	1707.16 x 1033.62 x 100.20	1965 x 1179 x 99	2232 x 1329.4 x 108.1	2438.4x 1371.6 x 118
Net Weight	40Kg	54Kg	68Kg	105Kg	125Kg
Gross Weight	54Kg	71Kg	81Kg	120Kg	140Kg
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years

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Over-the-Air Updates (OTA)	Yes	Yes	Yes	Yes	Yes
Light Sensor	Yes	Yes	Yes	Yes	Yes
Wi-Fi	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6
Bluetooth version	Bluetooth 5.4	Bluetooth 5.4	Bluetooth 5.4	Bluetooth 5.4	Bluetooth 5.4
Operating Temperature	0° - 40°C/32° - 100°F	0° - 40°C/32° - 100°F	0° - 40°C/32° - 100°F	0° - 40°C/32° - 100°F	0° - 40°C/32° - 100°F
Storage Temperature	-20° - 60°C/-4° - 140°F	-20° - 60°C/-4° - 140°F	-20° - 60°C/-4° - 140°F	-20° - 60°C/-4° - 140°F	-20° - 60°C/-4° - 140°F
Storage Humidity	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Camera	48MP, Room framing	48MP, Room framing	48MP, Room framing	48MP, Room framing	48MP, Room framing
Field of View	120°	120°	120°	120°	120°
Maximum resolution and frame rate	4208*3120 (30fps)	4208*3120 (30fps)	4208*3120 (30fps)	4208*3120 (30fps)	4208*3120 (30fps)
Number of Images	4800M (AI) /6400M	4800M (AI) /6400M	4800M (AI) /6400M	4800M (AI) /6400M	4800M (AI) /6400M

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