

INTERACTIVE FLAT PANEL

Powerbrave Active Minds AI

Smart. Powerful. Collaborative.

Next Generation Interactive Display



4K Ultra HD
3840 x 2160



40-Point
IR Touch



48MP
Camera



8-Mic Array
+ 60W Audio

For Modern Classrooms & Corporate Spaces

EDUCATION | CORPORATE | COLLABORATION

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COMPREHENSIVE

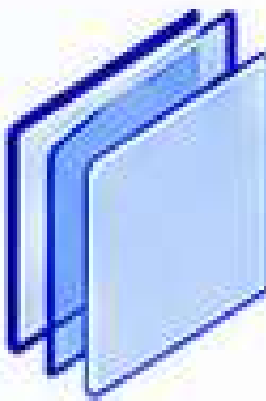
Technical Specifications

The iActive W PRO 02 Series delivers powerful performance, stunning 4K visuals, and ultra-precise interaction for modern classrooms, boardrooms, and collaborative spaces.



PRODUCT OVERVIEW

The iActive W PRO 02 Series represents high-performance interactive displays designed for modern corporate, educational, and collaborative environments. Featuring 4K UHD resolutions across 65", 75", and 86" panel sizes, it integrates high-precision 40-point IR touch technology, an 8-core processor running **Android 14**, an integrated 48MP camera, 8-mic array, and powerful 60W total audio output.



ZERO BONDING OPTICAL TECHNOLOGY

By removing the air gap between the Mohs-9 glass and LCD module, Zero Bonding eliminates light refraction, reduces parallax, improves contrast, prevents dust and moisture ingress, and delivers a natural, pen-on-paper writing experience.



4K Ultra HD



40-Point
IR Touch

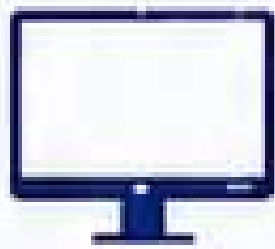


48MP
Camera



8-Mic Array
+ 60W Audio

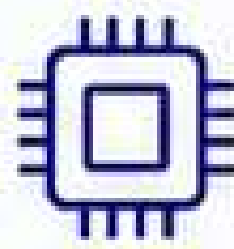
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DISPLAY & VISUAL PERFORMANCE

- 65" / 75" / 86" 4K UHD (3840 x 2160)
- 350 cd/m² Brightness
- 1200:1 Contrast Ratio
- 178°(H) / 178°(V) Viewing Angle
- 1.07 Billion Colors (8-bit + FRC)
- 72% NTSC Wide Color Gamut
- Pixel Pitch: 0.372mm (65") | 0.4296mm (75") | 0.4935mm (86")
- Panel Life: ≥ 50,000 Hours

2



PROCESSING & OPERATING SYSTEM

- RK3576 Octa-core CPU (4x A73 up to 2.2GHz + 4x A53 up to 2.0GHz)
- ARM Mali-G52 GPU
- 8GB LPDDR5X RAM
- 128GB Internal Storage
- Android 14 OS
- Seamless OTA Updates

3



MULTIMEDIA, CAMERA & AUDIO

- 48MP UHD Camera (114.6° Ultra-wide FOV)
- Video Recording: 4K@30fps / 1080p@60fps / 720p@60fps (MJPEG)
- 8-Mic Array with Speech Enhancement
- 8m (180°) Pickup Range
- -35dBFS Sensitivity
- 2 x 20W Speakers + 20W Subwoofer (60W Total Output)

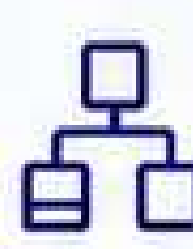
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TOUCH & INTERACTION

- Infrared Touch Frame behind 3.2mm Toughened Glass (Mohs-9)
- 40-Point IR Touch
- 1mm Accuracy
- 32768 x 32768 Touch Resolution
- < 8ms Latency
- NFC Card Reader: ISO/IEC 14443A / MIFARE (<30mm, <100ms Latency)

5



CONNECTIVITY & PORTS

- HDMI 2.1 (TMDS, ARC, CEC)
- DisplayPort 1.2a (4K@60Hz)
- Type-C (PD 65W, 4K@60Hz)
- Front Type-C (DP/Touch/15W PD)
- USB 3.0 Type-A
- Dual Gigabit LAN (RJ-45)
- RS232 (DB9) | SPDIF
- Audio In/Out | TF Card Slot
- Wi-Fi 6 (Dual Band)
- Bluetooth 5.2
- PoE (IEEE802.3af/at) Max 54V/25W Output

6



POWER, ENVIRONMENT & BUILD

- AC 100V-240V (50/60Hz)
- Standby Power < 0.5W
- Operating Temp: -10°C to 50°C
- Operating Humidity: 10% to 90% RH
- Durable Aluminum / Metal Plate Chassis (Black / Blue Grey)
- Accessories: Remote, Power Cord, USB Cable, HDMI Cable, Stylus Pen, Wall Mount Kit

7

MODEL COMPARISON TABLE

SPECIFICATION	W65 02 (65")	W75 02 (75")	W86 02 (86")
View Area (mm)	1428.48 x 803.52	1649.66 x 927.93	1895.04 x 1065.96
Power (Without OPS)	320 W	380 W	500 W
Product Dimensions (mm)	1488.4 x 86.7 x 911.6	1709.1 x 86.7 x 1035.4	1957.1 x 86.7 x 1174.5
VESA Mount Pattern	600 x 400 mm	800 x 400 mm	800 x 600 mm
Net Weight / Gross Weight	39.50 kg / 48.50 kg	53.50 kg / 68.50 kg	65.50 kg / 85.50 kg

WHY CHOOSE W PRO 02 SERIES?

- ✓ True 4K UHD Clarity with Zero Bonding Technology
- ✓ 40-Point Ultra-Precise Touch for Natural Writing
- ✓ Powerful Performance with Android 14 & Octa-core CPU
- ✓ Integrated 48MP Camera & 8-Mic Array
- ✓ Rich 60W Audio for Immersive Experience
- ✓ Comprehensive Connectivity with Future-Ready Ports
- ✓ Built for Education, Corporate & Collaborative Spaces

PERFECT
FOR



EDUCATION



CORPORATE



COLLABORATION



TRAINING
CENTERS



GOVERNMENT

Smart. Powerful. Collaborative.
Built for Today. Ready for Tomorrow.

One Display. Endless Possibilities.

Empowering Corporate Teams & Educators
with AI-Powered Collaboration,
Engagement & Smart Analytics.



CORPORATE COLLABORATION

Connect. Collaborate. Communicate.

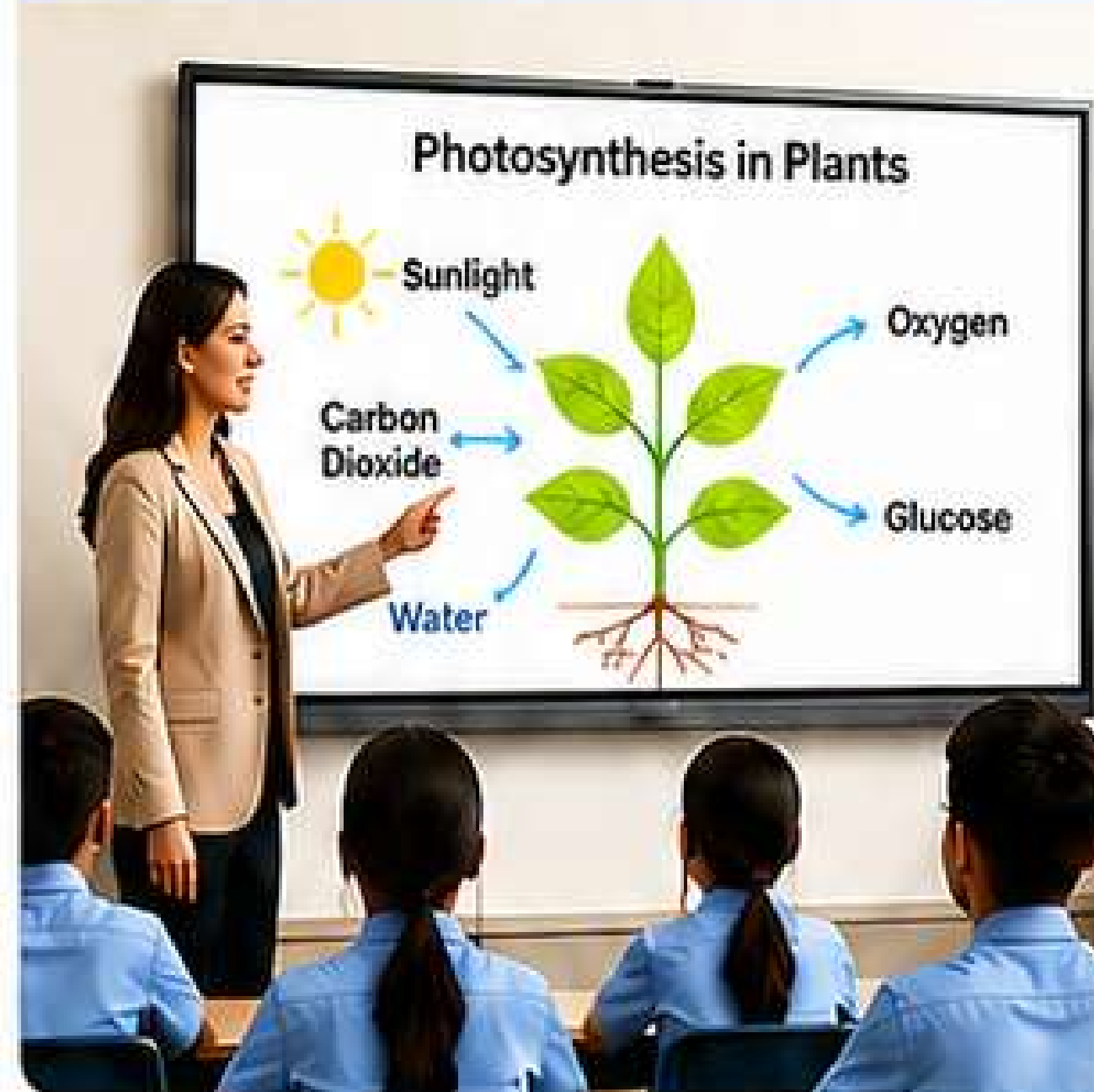


- Seamless Meetings**
Google Meet, Zoom & Microsoft Teams
- Wireless Share**
Share & present instantly
- Multi-Device Connectivity**
Works on laptops, tablets & phones
- Secure & Reliable**
Enterprise-grade security you can trust

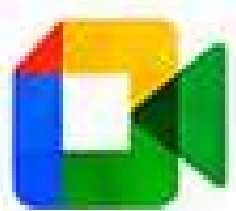


SMART CLASSROOM ENGAGEMENT

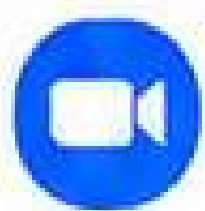
Engage. Educate. Empower.



- Interactive Lessons**
Engaging content, annotations & real-time interaction
- Instant Assessment**
Quizzes, polls & evaluations with instant results
- AI Engagement Analytics**
Real-time insights on student attention
- Smart Content Library**
Access a wide range of digital resources



Google Meet
Seamless Meetings



Zoom
HD Video Conferencing



Microsoft Teams
Team Collaboration Made Easy



Wireless Share
Share & Present Instantly



Secure & Reliable
Enterprise-Grade Security



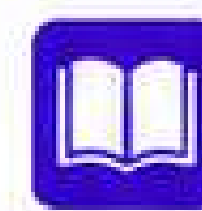
Interactive Lessons
Engaging Content & Annotations



Instant Assessment
Quizzes, Polls & Evaluations



AI Engagement Analytics
Real-Time Insights on Student Attention



Smart Content Library
Access Digital Resources Anytime



Multi-Device Connectivity
Works on All Your Devices

A. REAL-TIME 4K CLASSROOM AI ENGAGEMENT ANALYTICS

Monitors student attentiveness and classroom dynamics in real time.

ATTENTION RATE	PARTICIPATION RATE	ON-TASK TIME	DISTRACTION ALERTS
82% Active	76% Good	62% Balanced	18 Today

Engagement Trend (This Week)



B. DEPARTMENTAL TEACHER ADOPTION METRICS

Powerbrave drives high active daily usage across all departments.

ACTIVE TEACHERS
92%
Daily Active

AVG. DAILY USAGE
4.6
Hours

LESSONS CREATED
1,245
This Week

STUDENT IMPACT
18,560
Students

C. USAGE BY DEPARTMENT

Science		94%
Mathematics		91%
Social Studies		88%
Languages		87%
Commerce		85%
Others		82%

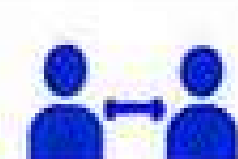


Data-driven insights help improve teaching outcomes, student engagement and overall academic performance.

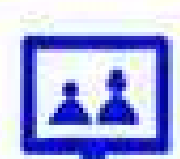
PERFECT FOR



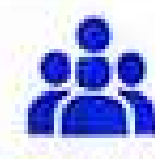
EDUCATION



CORPORATE



COLLABORATION



TRAINING CENTERS



GOVERNMENT

Smart. Powerful. Collaborative.
Built for Today. Ready for Tomorrow.

Welcome AI Classrooms.

From Smart Classrooms to Intelligent Teaching Companions.

Traditional smart classrooms rely on fragmented tools and static content players that create complexity for teachers.

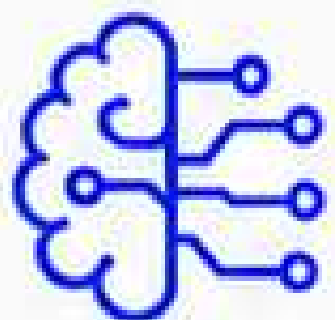
Powerbrave Active Minds transforms interactive displays into autonomous, AI-driven teaching companions for modern schools and colleges.



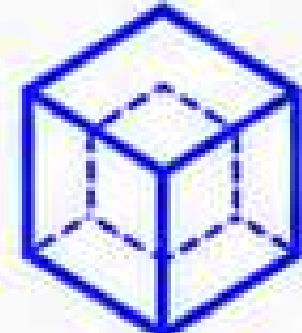
Powerbrave Active Minds™ Active Minds, Brighter Futures.

A unified AI platform for lesson generation, 3D simulations, assessment creation, student engagement analytics, and fleet management.

Why Powerbrave Active Minds?



AI Lesson
Generation



3D Learning
Simulations



Automated
Assessments



Live Engagement
Analytics



Centralized Fleet
Management

Diagnosing EdTech Failure

Too Many Tools. Too Little Teaching.



1. Disconnected Tools

8-10

Tools / Classroom

Panels, content, casting, quiz tools and LMS platforms operating in silos.



2. Teacher Time Drain

250+

Hours / Year

Teachers lose over 5 hours every week switching apps and troubleshooting.



3. Wasted EdTech Budget

40%

Budget Waste

Licensed tools often remain underused because of complexity.



4. Hidden Operational Expenses

₹10K-15K

/ Classroom

Annual software, training and renewal costs keep rising.



5. Low Tool Adoption

<30%

Adoption Rate

Traditional smart classroom platforms are not used consistently.



6. Zero Management Visibility

No ROI Proof

Leaders cannot clearly track syllabus progress, adoption, or engagement.

Built for the Education Sector



Schools



Higher
Education



Coaching
Centers



Training
Labs



Digital
Classrooms



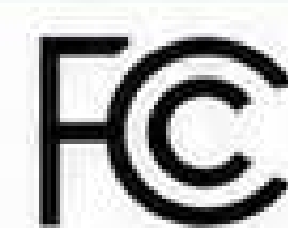
BIS
Certified



CE
Certified



Made in
India



FCC
Certified



ISO
9001:2015
Certified



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Available Across India