



Capacitive Smart Blackboard


Optimized Integrated Teaching
Innovative Interactive Learning




Powered by Android 14, built-in wireless screen sharing, remote management and AI applications. Supports dual-system (through cables or OPS slot) use with dust-free liquid-chalk blackboards. A refined design elevates efficiency and aesthetics in any space.

Powerful Software

 **Digital Whiteboard** ▼
AI Translation Learning Tools, Magic Pen, Smart Create

 **Screen Mirroring** ▼
Up to 9-split Screen Sharing Support Touch Back & Remote View

 **AI Teaching Assistant** ▼
AI Teaching Companion for Planning & Interaction Review

 **Device Management System** ▼
AI-powered Remote Control for Seamless and Intuitive Multiple Devices

Front Input



Convenient Chalk Tray Placement



Front Buttons



86 PCAP PRO	
Dimensions	4500 × 1219 × 117mm
Display Area	1895 × 1066mm
Response Time	8ms
Brightness	350 cd/m ² (Max. 450 cd/m ²)
Weight	(Center) Touch screen approx. 75kg; (Sides) Blackboard 19kg each, total 113kg
Touch Module	In-cell capacitive
Tempered Glass	AG anti-glare tempered glass, washable blackboards on both sides
Resolution	3840 × 2160
Aspect Ratio	16 : 9
Viewing Angle	178° / 178°
Touch Resolution	32767 × 32767
Touch Points	20-point touch
Pixel Pitch	0.6 x 0.6mm
Audio	Built-in 20W x 20W Speakers
Touch Method	Finger, capacitive stylus
Hue	1.07 Billion colors
Touch Accuracy	95% Touch Active Area ±2.5mm
Input Terminals	HDMI*2, DP IN*1, VGA*1, USB*3, TOUCH USB*1, RJ45 IN*1, MIC*1 Type-C(USB)*1, PC Audio*1, RS232*1, OPS slot*1, TF CARD*1
Output Terminals	HDMI OUT*1, RJ45 OUT*1, COAX OUT*1, Audio OUT*1
Front Input Terminals	HDMI*1, TOUCH USB*1, USB*2, Type-c(USB)*1, IR receiver*1
Built-in OS	Android 14, 8GB DDR4 memory, 128GB storage (Optional upgrade to 16GB memory and 256GB storage) WiFi 6: 2.4G / 5G, Bluetooth BT5.2
CPU	Octa-core ARM, 1.5GHz, Max. 2.2GHz
Firmware Features	Supports dual-system switching, built-in wired network sharing and wireless internet sharing, automatic signal detection, and wireless screen mirroring for phones or tablets
Special Features	<ul style="list-style-type: none"> ◆ Electronic Whiteboard Software ◆ Automatic Signal Switching ◆ USB Sharing Function ◆ Wireless Screen Mirroring Function ◆ Cross-Platform Annotation Function ◆ Scheduled Power On / Off Function ◆ 9-Split Screen Mirroring ◆ Wi-Fi Hotspot Sharing
Temperature / Humidity	Storage : -20°C~40°C/5%~95%, Operation : -20°C~75°C/10%~80%
OS Compatibility	Windows / Linux / Mac / Android / Chrome
Input Voltage	AC 100V-240V, 50/60Hz

* Design and specifications are subjected to change without prior notice

