

INTERACTIVE SMARTBOARD
ARV600 AI SERIES-V2

Smarter Teaching. Stronger Engagement

Google EDLA CERTIFIED

Attendance & Live Classroom | AI Teaching Assistant: Reducing Workload | Classroom Interaction & AI Tools | AI Learning Companion



Arvia Smart Secure Access

Unlock your personalised workspace with fingerprint or NFC authentication. Instantly access your profile, files and settings with a single touch.

One Touch. Your Workspace.

Facial Recognition Sign-in

The board identifies students automatically and tracks presence by class, grade and school.

AI Whiteboard Translation

Tap the whiteboard to translate handwriting and notes in real time across languages.

Remote Live Streaming

Real-time streaming for online teaching with interactive Q&A and shared whiteboard collaboration.

AI Knowledge Base Q&A

Ask the panel anything about your own documents and product knowledge — deep reasoning and search built in.

AI-Generated Courseware

Speak a topic and the AI assistant builds a full lesson with text, images and video in seconds.

AI Summary

Record the lesson, then let the AI analyse the video and produce a clear written summary.

AI Smart Attendance

The board identifies students automatically and tracks presence by class, grade and school.

AI Study-Guide Maker

Turn a topic into a ready-made visual study guide, then insert it straight into the whiteboard.

Whiteboard AI — Tables & Charts

Handwrite a table and the AI digitises it, runs the calculations and generates a chart instantly.

AI Resource Library

Upload your materials to the AI library, then ask questions about the content by voice.

Display Specification

Specifations	65 inch	75 inch	86 inch
Bezel color	Aluminum frame (White 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)
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
Hardness Glass	Mohs-7 level		
Glass Panel	Anti-Glare glass with zero bonding		
Aspect Ratio	16:9		
Contrast Ratio	1200:1 (type)		
Dynamic Contrast Ratio	4000:1		
Brightness	400cd/m2		
Color depth	1.07 billion colors		
Viewing angle	178°		
Lifespan	50,000 hours		

Camera (option)

Number of images	4800M
Maximum resolution and frame rate	4208*3120 (30fps)
FOV(field of view)	120°

Front Side Connections

Front Ports	Type-C * 1 line; HDMI IN * 3 line; USB3.0*2; USB-B*1
Front Keys	Power on/off; Signal source; Setting; ECO; Menu; Volume down; Volume up

General Information

Power Supply	~ 100-240 V (50/60Hz)		
Switch On / Off	Yes		
Standby Energy Consumption	≤ 0.5 Watt		
	65 inch	75 inch	86 inch
Power Consumption	Maximun< 290W Eco<75W	Maximun< 320W Eco<75W	Maximun< 350W Eco<75W
Net Weight (KG±2)	45	55	70
Gross Weight (KG±2)	55	68	85
Screen Dimensions (WxDxH)	1470.9 *97.5 *897.5 (mm)	1692.1 * 97.5 * 1021.9 (mm)	1943.4 * 97.5 *1166 (mm)
Dimensions Package (WxDxH)	1622 * 190 * 1038 (mm)	1844 * 190 * 1163 (mm)	2090 * 190 * 1307 (mm)
VESA Standard	600*400 (mm)	600*400 (mm)	800*600 (mm)
Certifications	CE: EMC + LVD / RoHS / REACH / FCC/CCC		

Touch Type

Touch Technology	IR touch
Multi Touch	Max 50 points
Multi Writing	Max 20 points
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

Touch Type

Front Speakers	20W*2
Speakers	20W*1 BASS

Microphone (Option)

Type	Wide-area mic
Number of Microphones	12
Auto switch (Windows/Central)	Yes
Disconnectable	Yes

Bottom Side Connections

Earphone	1	HDMI OUT	1
Mic In	1	RJ45	1
SPDIF OUT	1	TYPE C OUT	1
RS232	1	Android USB2.0	1
Touch USB (USB B)	1	Android USB3.0	1
HDMI IN	1	TF CARD	1

Android System

Android Version	Android 15.0
Chip	Rockchip RK3588
CPU	Quad-core Cortex-A76 & quad-core Cortex-A55, up to 2.4GHz
GPU	Mali-G610 MC4
NPU	6T
RAM	16GB
Flash	256GB
Front Speakers	Front Speakers
Compliant with	Windows; Mac; Linux; Chrome OS
Over-the-Air Updates (OTA)	YES
Light Sensor	YES
NFC Reader/Writer	YES
Temperature, humidity and air quality three-in-one sensor	YES
Fingerprint module	YES

Arvia Solutions Sdn. Bhd.
No 16, Wisma Arvia, Jalan IMP 1/1, Sinar Meranti Technology Park, 47120 Puchong, Selangor
https://arvia.my hq@arvia.my 03-8966 2405 016-3481926