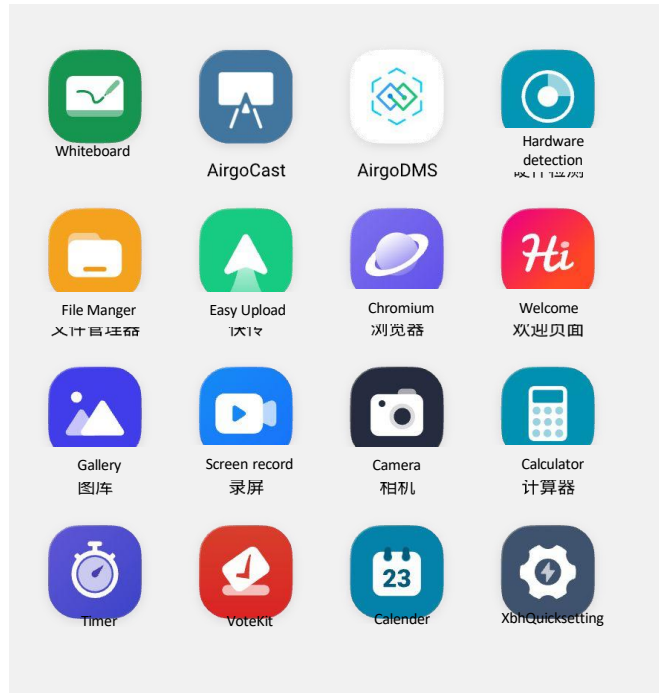


Cost-effective mainstream IFPD EDLA solution for global market

Airgo OS



AI INSIDE

Device :

- AIPQ/AISR
- Gesture Identification
- Magic Pen
- Voice Control...

Cloud:

- AI Screen
- AI Whiteboard
- AI conversation
- AI subtitles and translation
- AI meeting minutes and summary

Mainboard
3576.B



Cam&Mic Array Module
B1



Wifi Module
W3



4K Typec Casting dongle
SC1



AI Activr
P1



Cost-effective entry-level IFPD EDLA solutions for global markets



- 1 Mainstream EDLA products, 8-core high performance + 6T AI NPU, ultra-high-speed storage bandwidth and multiple display interfaces, great IFPD EDLA solution for global education & cooperate market .
- 1 Powerful processor performance and AI computing power, combined with Lango OS+AI+DMS, supplying a high-performance and smooth experience for users.
- 1 Complete peripheral units and rich software applications, total solution to help brands and ODM quickly enhance product line.

3576 CORE COMPETENCE

Cost-effective entry-level IFPD EDLA solution for global market

Stronger computing power

- 1 8-core CPU, 4* A72 big core, high frequency brings high computing power
- 1 Multi-core GPU with enhanced performance
- 1 6T NPU computing power

Enhanced Display Capability

- 1 4K Ultra HD resolution, dual 4K displays
- 1 Integrated USB-C interface supports 4K DP signal output.
- 1 AI PQ, enhanced clarity brings a better display experience

Enhanced Interface Capability

- 1 LP4/4X-4266 and LP5-4800, higher speed and greater bandwidth
- 1 Supports PCIe Wi-Fi for faster network access.
- 1 Advanced manufacturing process to ensure high performance and lower power consumption

A72
CPU

Advanced CPU

- **A72 x4**, Single core is 54% higher than A55x4
- 8nm process, reliable manufacturing process

Display

High Resolution
Display 4K output

Latest
OS

Android 14 Ready

- Already upgraded to the latest Android OS
- Upgradable security patches and system



RK3576

IOT Signage Solution XM.R3576.D

IOT Digital Signage Solution
4K dual-screen heterodyne display
Various display interfaces
Various IOT control interfaces

Display	eDP / LVDS
SW	XBH OS & CMS
HDMI OUT	x1
USB-A	x2
EXT-USB	x3
Wi-Fi	support
RJ45	100M x1
Control	UART x3 & RS232
Audio	Line out & Speaker

Digital Signage

Plus IFPD Solution XM.R3576.B

Global market all-in-one solution
Latest Android 14 EDLA
16GB memory/UFS storage optional
Rich interfaces, DP+full-featured USB-C
Gigabit network, globally certified Wi-Fi module optional
2.2 Multi channel

Display	VBO HDMI out / USB-C out
SW	Lango OS with DMS
Source input	HDMI x2+DP+USB-C
USB-A	3.0 x2+2.0x1
USB-B	x2
USB-C	DP+USB+PD 100W
Wi-Fi	Wi-Fi 6
RJ45	1000M x2
Audio	20W x2 Speaker 20W x2 Bass Line out S\PDIF \ COAX
Sensor	NFC Light Sensor AIR G-senser Hall PIR

Lite IFPD Solution XM.R3576.U

All-in-one solutions for the global market
Latest Android 14 EDLA
16G RAM / UFS storage option
Rich interfaces, DP + full-featured USB-C
Gigabit network, global certified Wi-Fi module optional
2.2 Multi-Channel

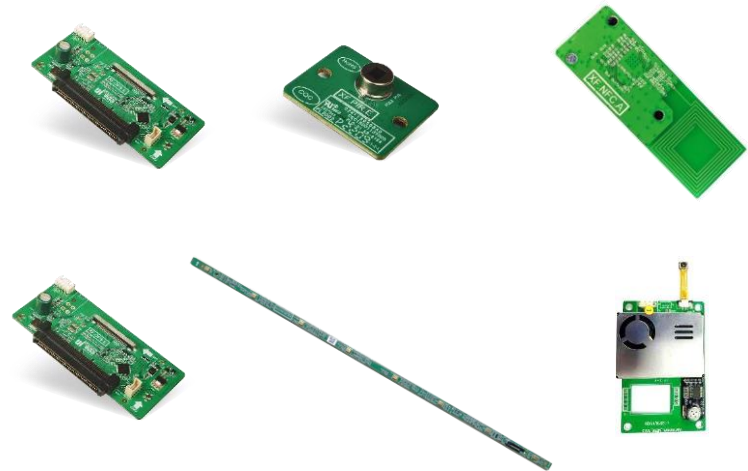
Display	VBO/EDP/HDMI out
SW	Lango OS with DMS
Source input	HDMI +DP
USB-A	2.0 x2
USB-B	x1
Wi-Fi	Wi-Fi 6
RJ45	1000M x1
Audio	20W x2 Speaker 20W x2 Bass Line out S\PDIF \ COAX
Sensor	NFC Light Sensor AIR G-senser Hall\PIR

Five-in-one IFPD Solution XMD.R3576.B

5-in-1 All-in-One Solution with Power Supply
320W 220V power supply design
Built-in OPS socket
Efficient production assembly of the latest Android14 EDLA
16G memory/storage optional
Global certified Wi-Fi module optional

Display	VBO/EDP/HDMI out
Power	320W 220V Optional 180W backlight
SW	Lango OS with DMS
Source input	HDMI 1 Option HDMI+DP
USB-A	2.0 x2
USB-B	x1
Wi-Fi	Wi-Fi 6
RJ45	1000M x1
Audio	15W x2 Speaker Line out S\PDIF \ COAX
Sensor	NFC Light Sensor Hall\PIR

IFPD PERIPHERAL SOLUTIONS



Support List		
Peripherals	Model Number	Parameters
OPS adapter plate	XF. OPS. Q5	4K60 HDMI
	XF. OPS. Q2	4K30 HDMI
Front panel	XF. FRONT2. P2	USB-A 3.0 + USB-A 2.0 + USB-B 2.0 + USB-C 2.0 + HDMI IN + Power Key & LED + IR +ALS
	XF. FRONT2. U2	USB-A 3.0 x3+ USB-B x1 + USB-C 100W+ HDMI IN + Power Key & LED + IR +ALS
	XF. FRONT2. U3	USB-A 3.0 x2 + USB-C 100W+ Power Key & LED + IR +ALS
	XF. FRONT2. U8	USB-A 3.0 x2+ USB-B x1 + USB-C 100W+ HDMI IN + Power Key & LED + IR +ALS
External globally certified Wi-Fi	WCT2GM2511	Wi-Fi 5+BT5.1
	WXT26M2601B	Wi-Fi 6+BT5.2
Touch Kit	K2	
	Other: IR touch\ KTC\ SigmaIdea ...	
PIR Transducers	XF. PIR. E	
HALL Transducers	XF. HALL. A	
ALS Light Sensor	XF. Sens. A	
NFC Reader	XF. NFC. C	
6 Array mic	XF. 8MIC-L. A & XF. 8MIC-R. A	
Camera & mic Camera Array Microphone	B1-1126	
Array mic Light Array mic indicator	XF. LED. A	

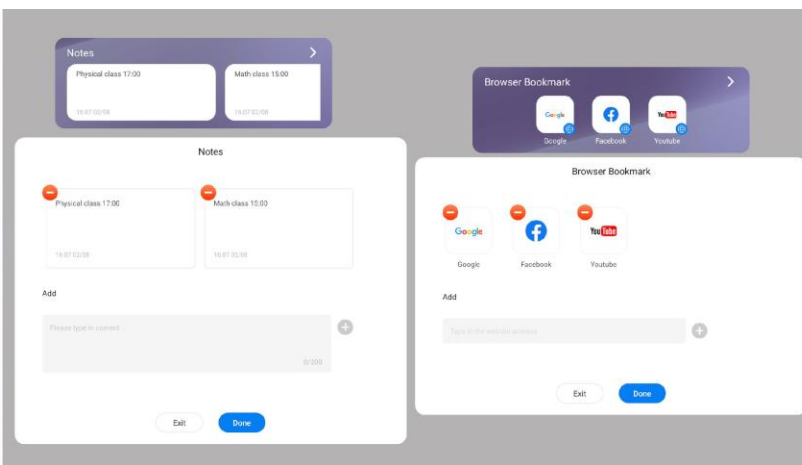
Airgo OS

**AIRGO OS
FUNCTION**

AIRGO OS- INTERACTION DESIGN



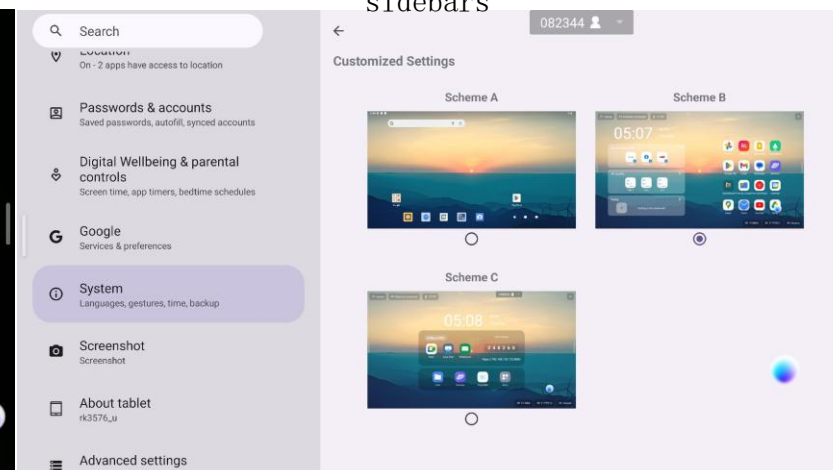
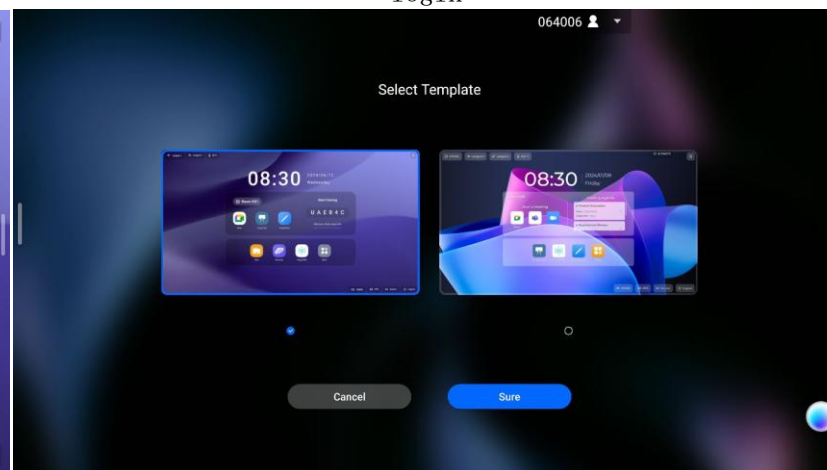
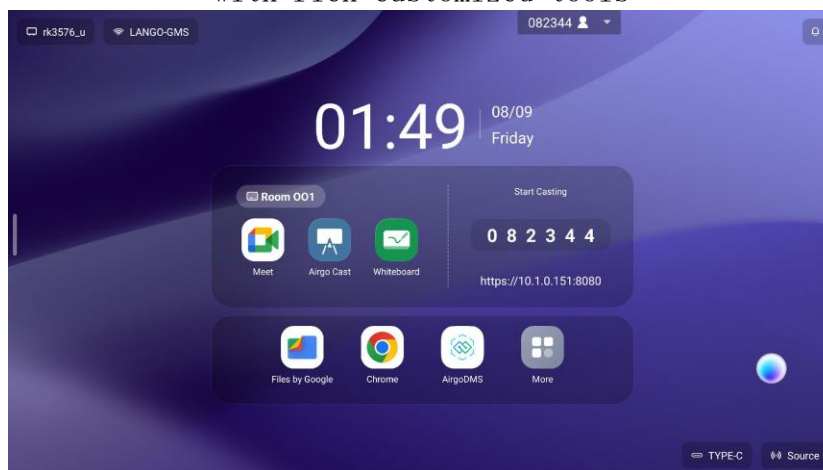
Education launcher home page with rich customized tools



Customized favorite mark, notes, cloud drive quick login



Configurable, dynamic compasses, quick-access sidebars



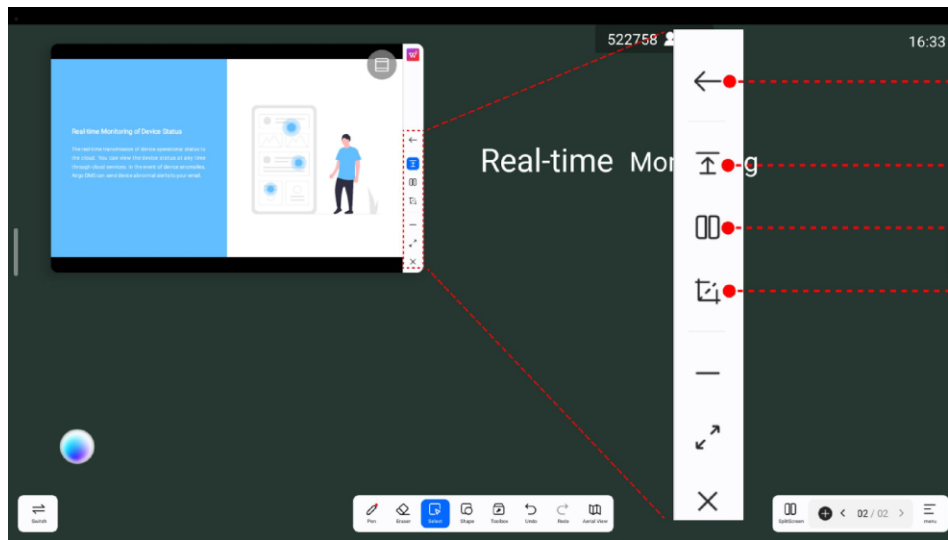
Simple and efficient corporate launcher

Multiple Launchers for corporate scenarios

Easy to change launcher

AIRGO OS- INTERACTION DESIGN

Multiple windows support

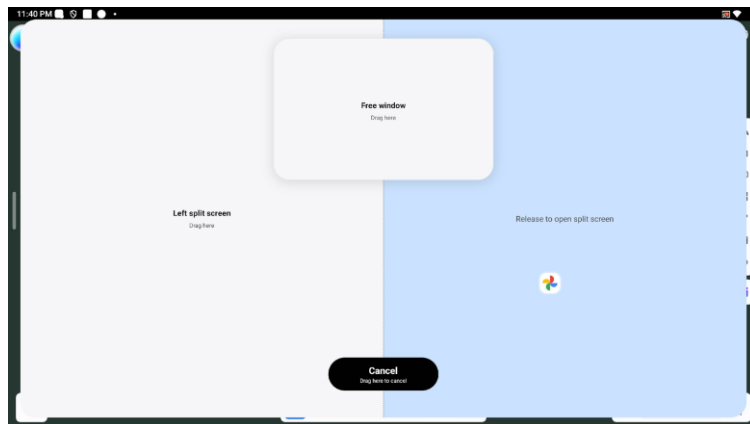
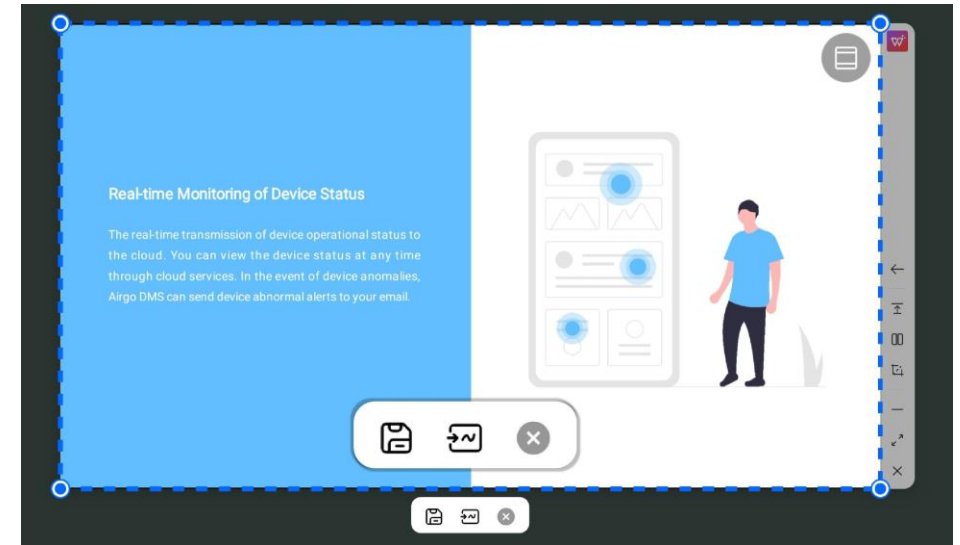


Quickly return to the previous page

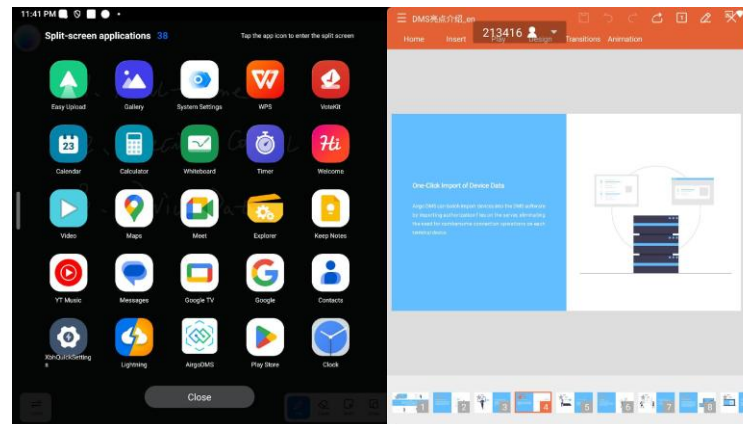
Top window to avoid being obscured

Quick split screen entry

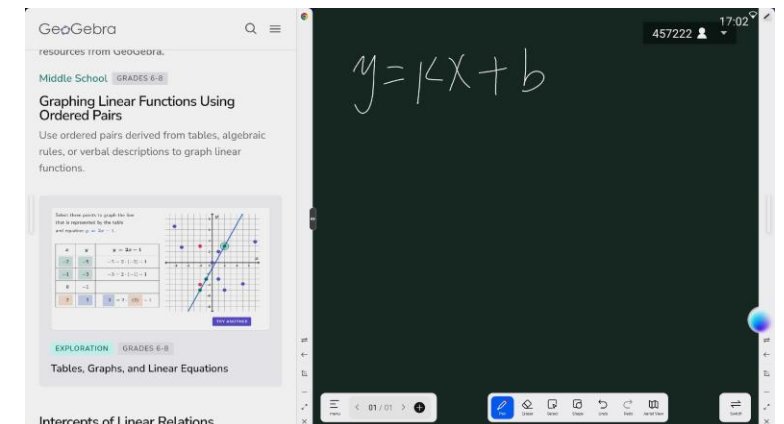
Quick screenshot window selection, one-click import to whiteboard



Long press on apps under the sidebar can also drag to split the screen



Convenient selection of split-screen apps



Writing while reading

AIRGO OS- SYSTEM AI FUNCTIONS



AI Feature Pack in the Sidebar

1 Circle & Scan

Satisfy the user’s need to search for any element in any scene, within any interface.

2 Speech to Text

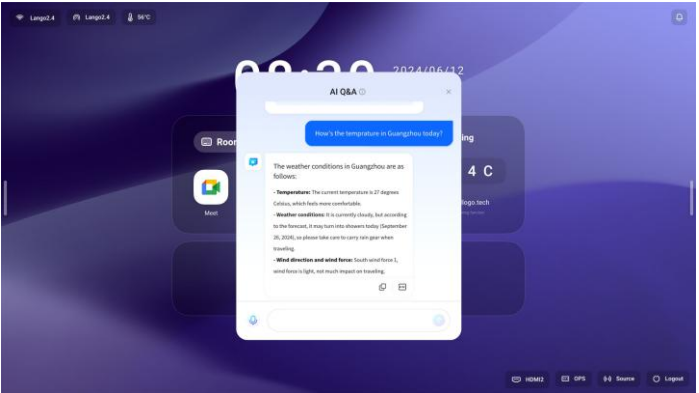
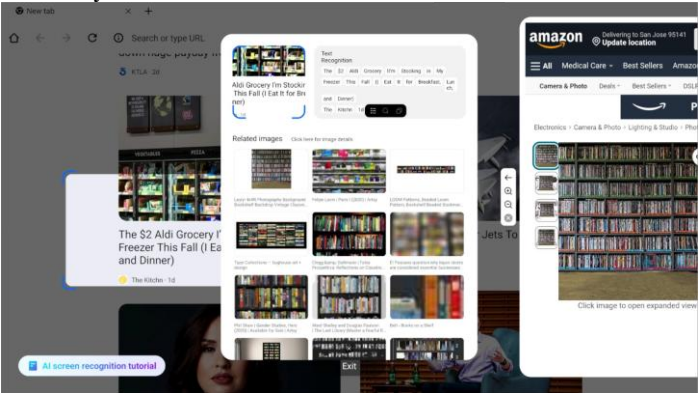
Real- time voice translation into Chinese, English and Korean.



Voice Assistant

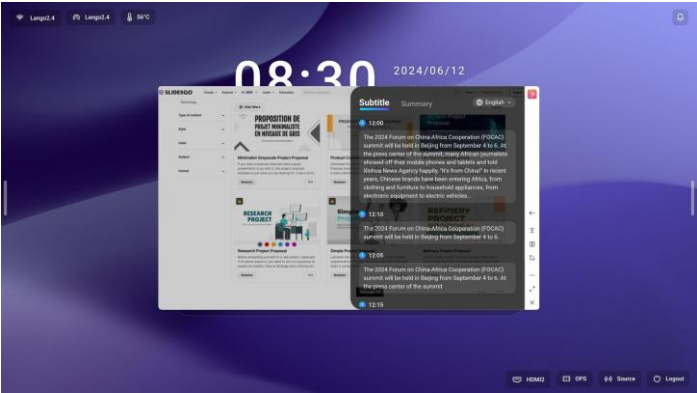
4 AI functions in a feature pack

Wake up the voice assistant and let it realize the command.



3 AI Q&A

Enter a question by voice or typing and get a response from the AI.



4 Video Recap

Quickly view the subtitles and summary of the video being played, and click on

a field to
jump.

AIRGO OS- WHITEBOARD AI FUNCTIONS

AI Feature Pack for selected states within the whiteboard



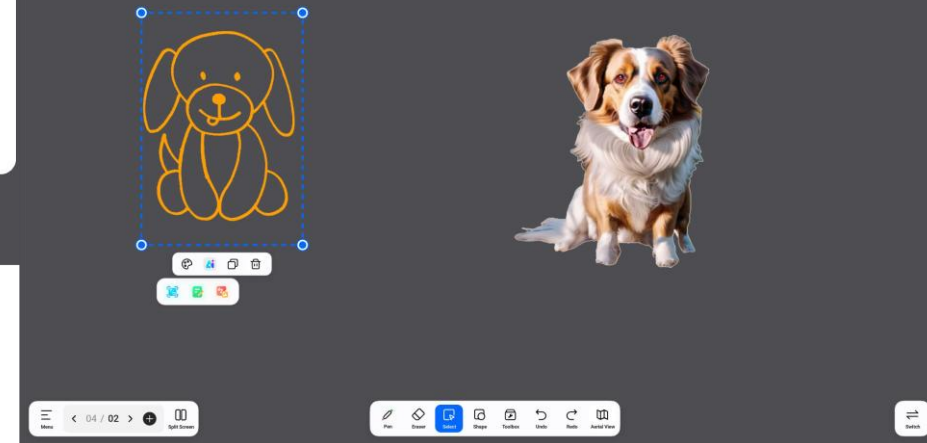
OCR

OCR text recognition
support typography,
linked search.



Quiz Master

Questions can be selected for
different grades, categories
and number of questions. For
teachers to launch a quick in-
class quiz.

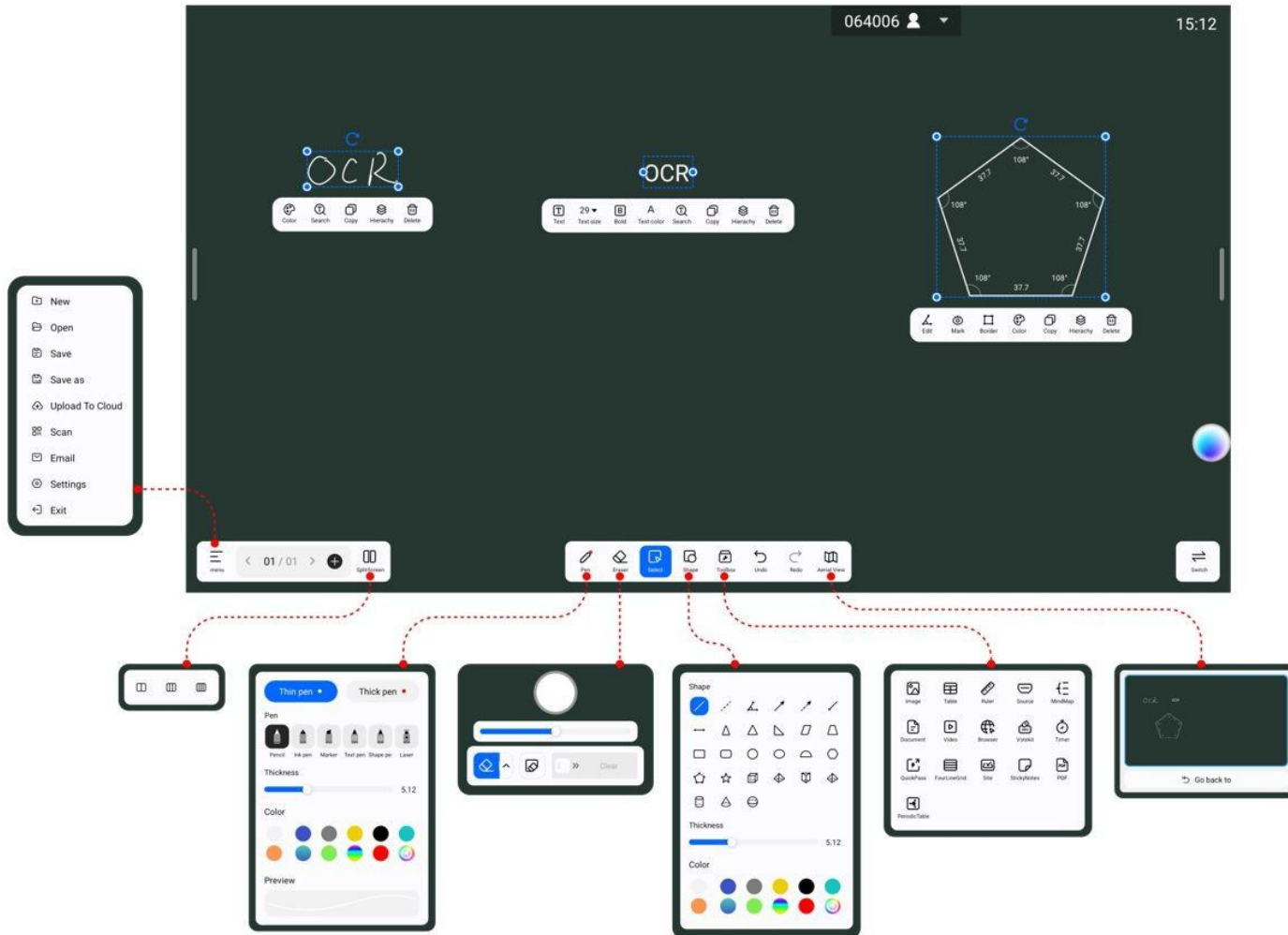


Creative AI

Click on the Creative AI
function and let the AI turn
it into a painting.

AIRGO OS- WHITEBOARD

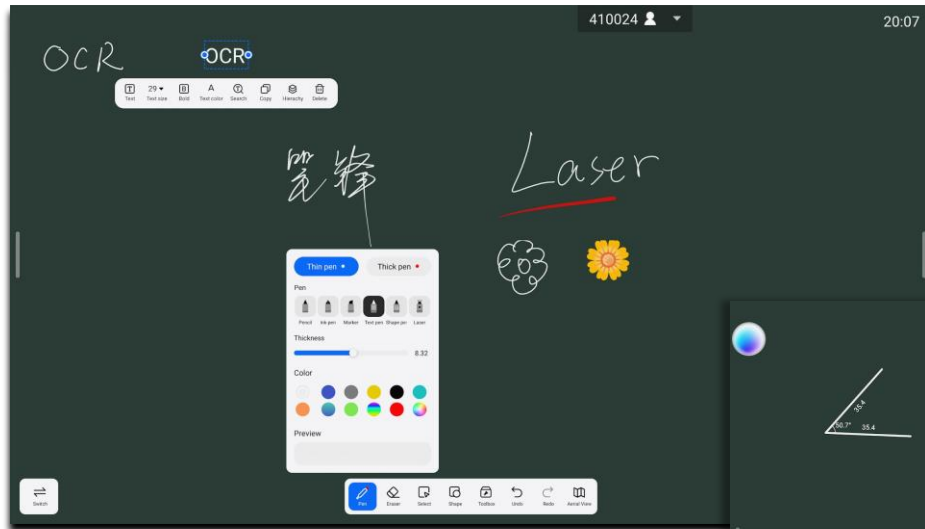
Interactive teaching, intelligent writing



- 1 A variety of pen types to meet different scenarios.
- 1 Diversified graphic drawing and secondary editing functions.
- 1 Functional toolbox : tables, rulers, mind maps, etc.
- 1 Unlimited canvas + bird's-eye view, creating unlimited retrospective convenience.
- 1 Maximum 4-split whiteboard for multiple people.
- 1 Support uploading to cloud disk, sending to e-mail, and scanning QR code to save.

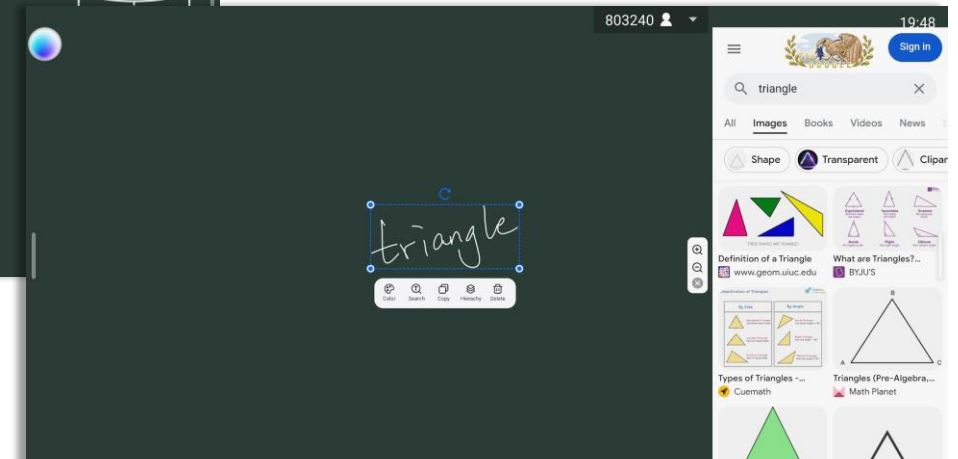
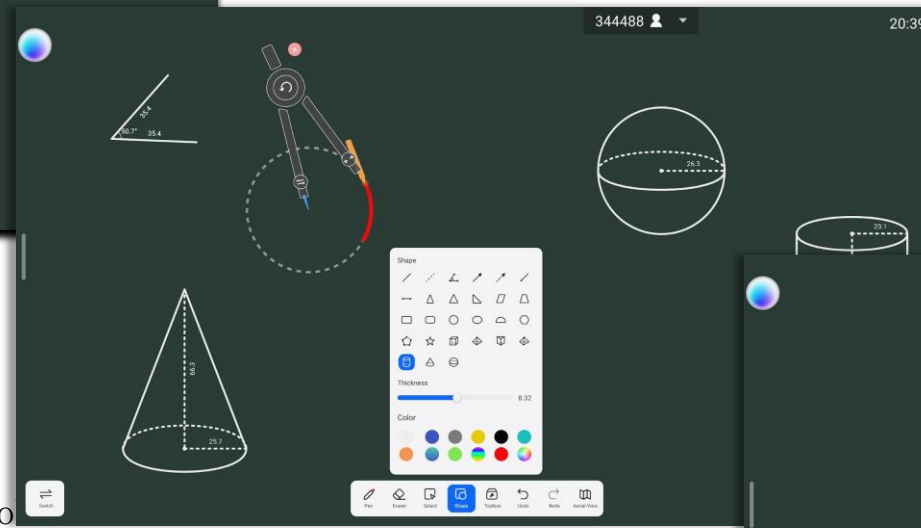
AIRGO OS- WHITEBOARD

Interactive teaching, intelligent writing



- 1 Support to draw a variety of plane and three-dimensional shapes
- 1 Ruler, triangle ruler, circle gauge rich teaching tools
- 1 Handwritten writing could be searched directly, efficiently expanding teaching resources

- 1 6 types of pens, 3 types of strokes
- 1 Handwriting pen - handwriting into print in seconds
- 1 Magic pen - turn a sketch into a colorful drawing in

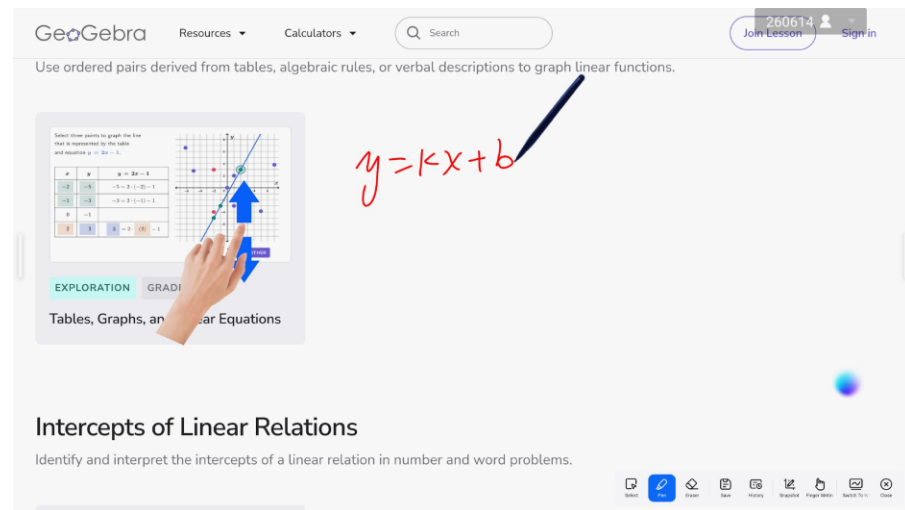
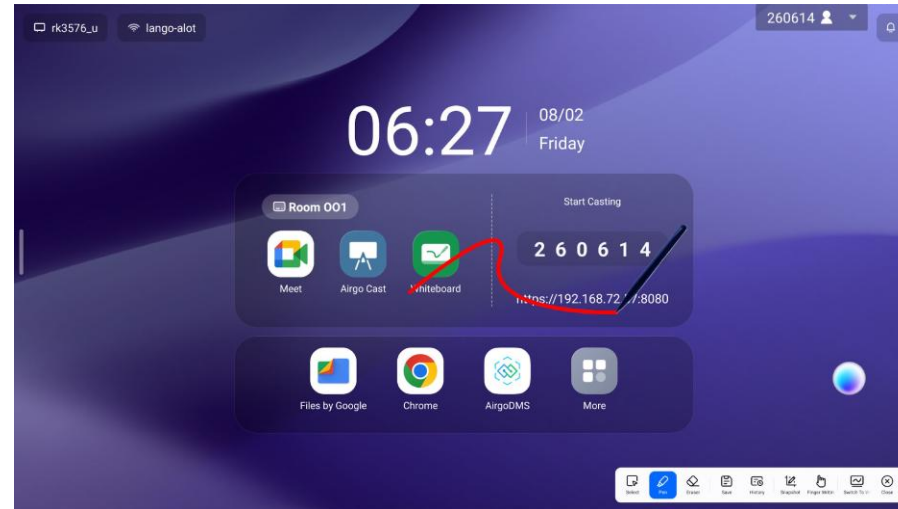


seconds

1 Laser pen - no marks left by scratching

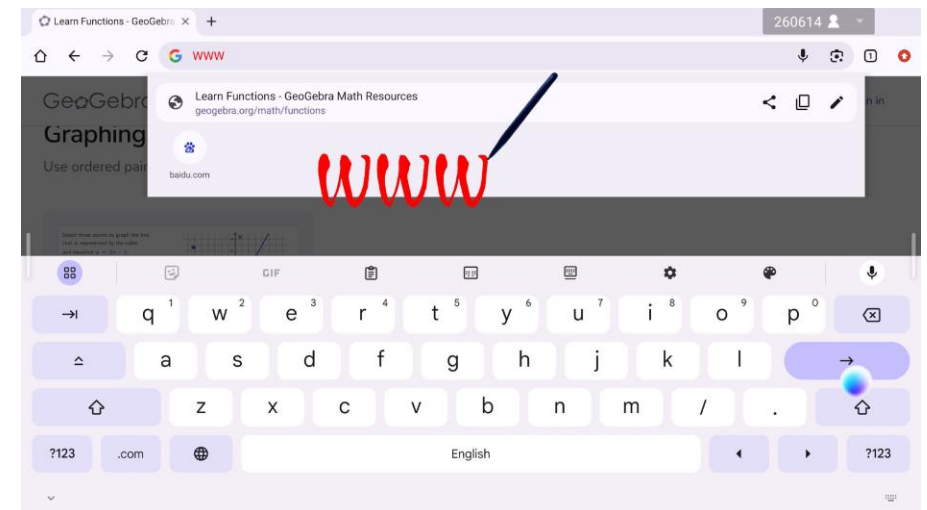
AIRGO OS- ANNOTATION

Write and annotate anywhere



Interactive annotation with touch while writing

Brush strokes quickly trigger annotations tool

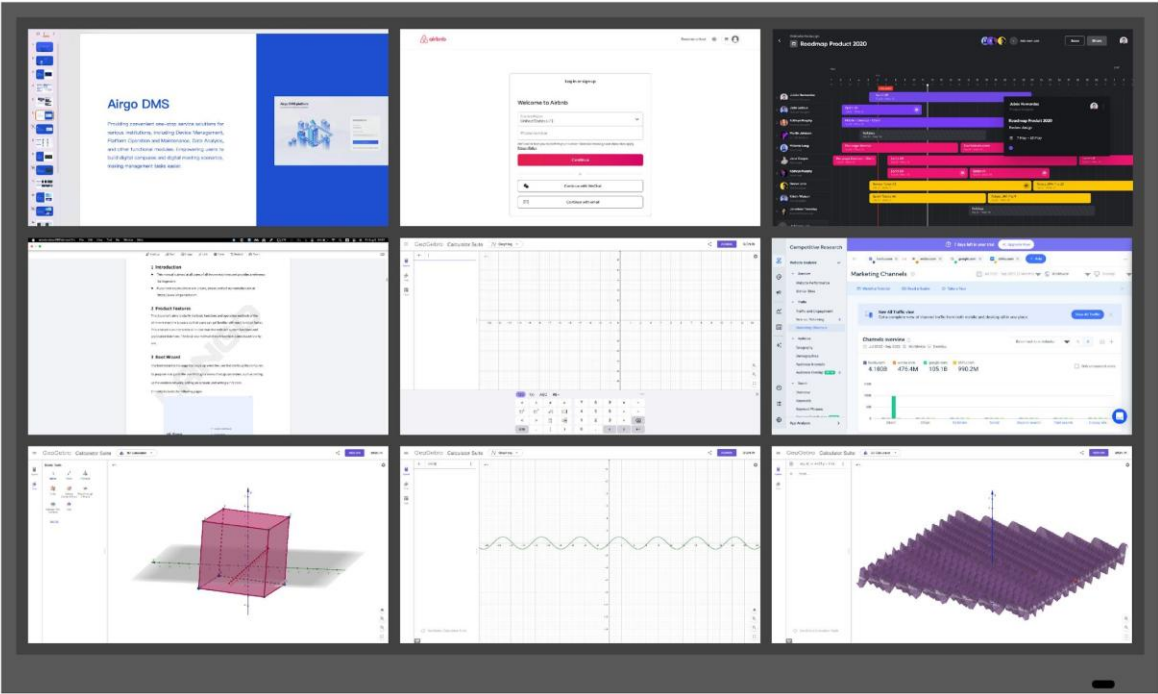


Writing input replaces keyboard input

AIRGO CAST



Combination of hardware and software tool, one-click to screen cast



- 1 Support multi-end screen transfer
- 1 Support Miracast, AirPlay, GoogleCast and other multi-protocol screen transfer.
- 1 Support screen cast back, touch back
- 1 Support BYOM, hard casting and soft casting
- 1 Support grouping screen cast devices
- 1 Support cloud casting
- 1 Multi devices cast to one, maximum support for 9 split-screen

Transmitter	Airgo		
	Availability	Whether APP must be installed	Whether APP is provided
Windows OS	√	×	√
Mac OS	√	×	√
IOS	√	×	√
Android OS	√	×	√
Chrome OS	√	×	×
Harmony OS	√	√	√
Hardware Casting	√	×	×

AIRGO CAST -PERFECT FUNCTIONALITY



Platforms/Systems	Function Description	AirgoCastBasic Version)	AirgoCastPro Version)	Platforms/Systems	Function Description	AirgoCastBasic Version)	AirgoCastPro Version)	Platforms/Systems	Function Description	AirgoCastBasic Version)	AirgoCastPro Version)
Android App Receiving Side	AirPlay	✓	✓	Android App Receiving Side	Support for individual and batch configuration of user rights	✗	✓	Android App	Wireless Screen Transfer	✓	✓
	DLNA	✓	✓		Miracast reverse control (supports reverse control of computers and mobile phones)	✗	✓		Wireless screen transfer reverse control	✗	✓
	Miracast	✓	✓		Device Sync (users on the laptop can directly and wirelessly call the camera, array microphone and speakers of the big screen to join the meeting, support Tencent Meeting/Flying Book/Pinning/WeChat/Zoom/Google Meet/Teams/WebEx...etc.)	✗	✓		Screen casting sound (Android 10 or above)	✓	✓
	Chromecast	✗	✓		Support 4K soft cast screen and hardware 4K cast screen device (USB or HDMI or Type-C)	✓	✓		File push, file sharing	✓	✓
	WebCast app: fast casting - no need to install software, support guest fast casting	✗	✓		Support custom interface (background image, colour style, logo, etc.)	✗	✓		reverse control	✗	✓
	WebCast cloud casting service - support Internet remote casting in different locations	✗	✓		Support data encryption, safe and reliable	✓	✓		Wireless remote control, somatosensory mouse	✗	✓
	Support wireless reverse control of Android mobile phone/tablet from big screen	✗	✓		Global service (high-speed servers cover five continents, guaranteeing the download and use experience of users around the world).	✓	✓		Wireless keyboard, voice input	✗	✓
	Support multiple ChromeCast, multiple Miracast, multiple AirPlay, multiple WebCast, multiple App-based casting	✓	✓		Free upgrades and iterations - regular feature updates to keep the product ahead of the curve.	✓	✓		Reverse screen transfer (big screen to small screen)	✗	✓
	Android wired casting (USB cable direct casting, support no network casting)	✓	✓		Software casting	✓	✓		Wireless camera	✓	✓
	Compatible with horizontal and vertical screen	✓	✓		True 4K casting	✗	✓		Save large screen image and share	✗	✓
	Multi-transmission (4-split screen)	✗	✓	Windows / macOS App	Touch Back	✓	✓	iOS Apps (iPhone & iPad)	Code scanning connection (support cross network segment)	✓	✓
	Multi-transmission (9-split screen)	✗	✓		Freeze/Resume casting	✓	✓		Mobile phone touch big screen	✗	✓
	Support touch back when split screen	✓	✓		Fast casting (one button)	✓	✓		Third-party apps share files to the big screen via screen casting software	✓	✓
	Customise device name	✓	✓		Volume Adjustment	✓	✓		NFC one-touch casting	✓	✓
	Numeric PIN code connection, Alphanumeric PIN code connection	✓	✓		local area network (LAN)	✓	✓		Wireless annotation	✗	✓
	Intelligent split screen (automatically optimise the screen layout)	✓	✓		Exclusive screen/restore screen	✗	✓		Wireless screen transfer (including sound)	✓	✓
	Intelligent full screen (Intelligent recognition and automatically full screen)	✓	✓		Reverse screen transfer (big screen to small screen)	✗	✓		File push, file sharing	✗	✓
	NFC cast screen	✗	✓		Wireless writing/annotation	✗	✓		Reverse control	✗	✓
	Screen Group (synchronise the screen and sound wirelessly and in real time between multiple large screens, without the need for HDMI out cables)	✗	✓		Wireless control (small screen touch control big screen, wireless mouse/keyboard)	✓	✓		Wireless remote control, somatosensory mouse	✗	✓
	Moderator Control Centre	✗	✓		Support lossless screen transfer of original images	✓	✓		Wireless keyboard, voice input	✗	✓
					Wireless extension screen (large screen as extension screen)	✓	✓		Reverse screen transfer (large screen to small screen)	✓	✓
					Device Sync	✗	✓	Enterprise-Grade Screen Device	Wireless camera	✗	✓
									Save large screen image and share	✓	✓
									Code scanning connection (support cross network segment)	✗	✓
									Mobile phone touch big screen	✓	✓
								Enterprise-Grade Screen Device	Third-party apps share files to the big screen via this casting software	✗	✓
									Wireless annotation	✓	✓
									Compatible with enterprise-grade 4K USB screen device	✓	✓ (1080P)
									Compatible with enterprise-grade 4K Type-C screen device	✓	✓
									Supports Device Sync (Wireless Virtualised Camera, Microphone and Speaker)	✓	✓