LOGIC®

INTERACTIVE DISPLAYS

CX Plus

Bringing AI To Every Classroom

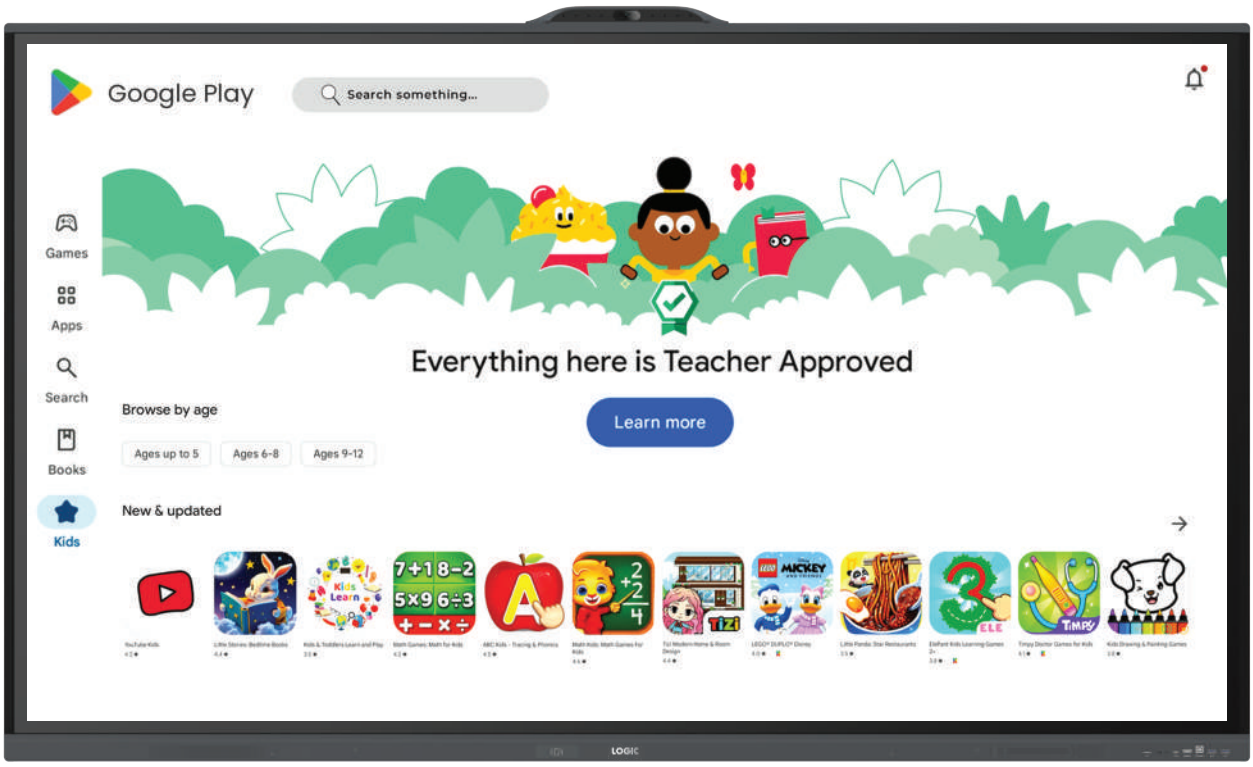


Discover the 50MP AI Camera engineered for total classroom clarity

- 8 GB RAM
- 128 GB ROM
- 50MP CAMERA
- SPEAKERS 40W +20W SUBWOOFER
- 8 X MICROPHONE ARRAY
- NFC — SUPPORT NFC MODULE

PRODUCT BROCHURE

Google EDLA Certified



Google EDLA: Optimized for a Smarter, Smoother Experience

The IFPD features Google EDLA-certified Android 16, ensuring a secure and efficient operating system tailored for educational and professional use. This certification guarantees compatibility, device management, and security, allowing access to a vast array of applications from the Google Play Store. With its intuitive interface and advanced features, users can enhance productivity and collaboration seamlessly.

Google EDLA
CERTIFIED

Google Play
Access all your favorite apps directly on the LOGIC IFPD

Google Android 16
Latest & authentic experience

Gemini

Google Apps

Optimized Performance with Google Services
Smooth, efficient, secure & updated app experience with Google services

System Apps
Pre-installed Applications

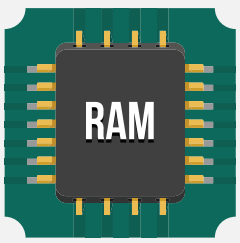
Google Play Protect
Experience enhanced security

KEY FEATURES

Advanced Operating System

Powered by Android 16.0, the IFPD provides a secure, intuitive, and seamless user experience, perfectly suited for education and professional use.



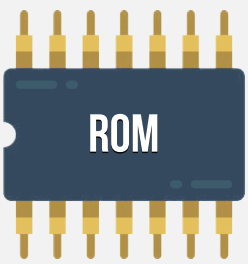


8 GB Powerful RAM

With 8 GB of high-speed RAM, the system delivers exceptional performance and seamless multitasking. Enjoy faster response, quicker app transitions, and uninterrupted operation even during demanding tasks ensuring a smooth and efficient experience every time

128 GB Generous Memory

With a spacious 128 GB of internal storage, the system provides ample room for apps, files, and multimedia content. Enjoy quick access, faster data handling, and the convenience of storing all essential resources securely without worrying about running out of space





High-Performance Processing

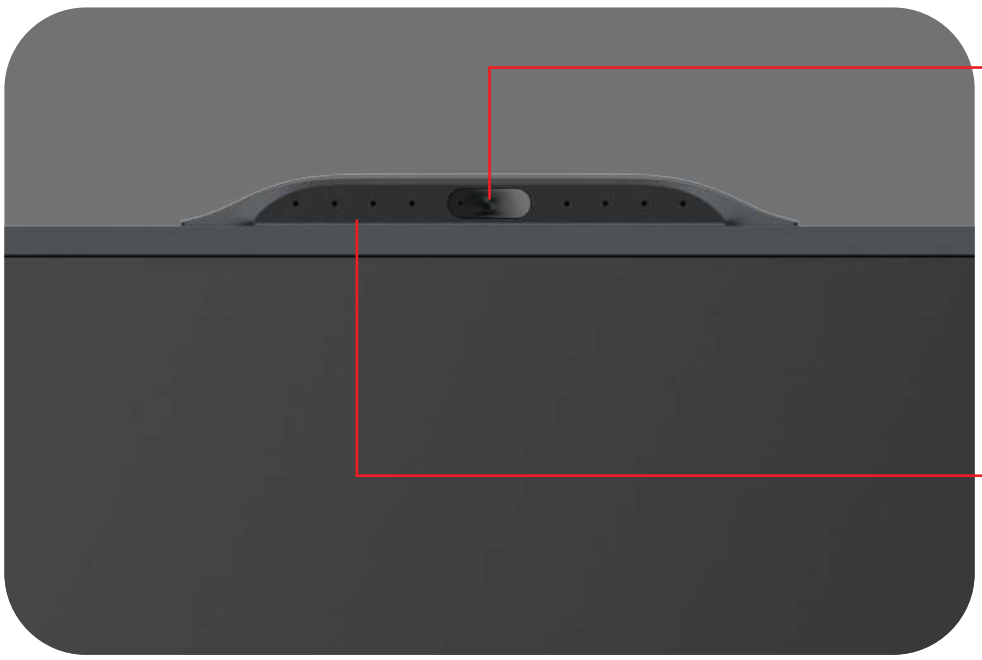
Driven by an Octa-Core processor (A72×4 + A53×4) and Mali-G52 MC3 GPU, the IFPD ensures smooth multitasking, fast response times, and excellent graphics performance for demanding applications

Expansive Memory

Enhance your storage flexibility with the integrated TF card slot, supporting expansion up to 1TB. Effortlessly store more content, applications, and media files ensuring smooth performance and ample space for all your needs



Camera & Microphone



50MP
AI CAMERA

SPEAKER TRACKING

AUTO FRAMING

8 ARRAY
MICROPHONE

Built-In Audio

40W
(20W×2)
SPEAKERS
+
20W
SUBWOOFER



Front & Rear Connectivity Ports

Easily accessible front ports for quick connections, with full-range rear I/O ports for permanent setups designed for both convenience and flexibility



FRONT PORTS



SIDE PORTS

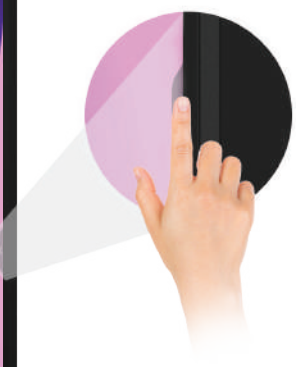
4K Ultra-Clear Visuals and Precision

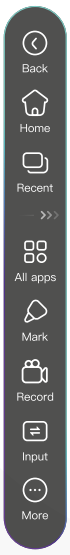
The IFPD supports a stunning 3840x2160 resolution with a 4K UI and 4K annotation, delivering ultra-clear visuals and precise detailing. This high-definition display ensures exceptional clarity for presentations, annotations, and multimedia, enhancing both productivity and engagement

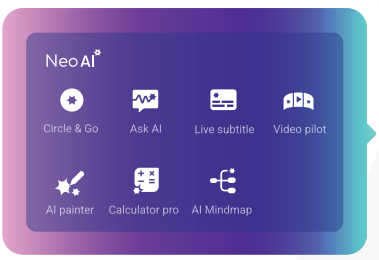


INSTANT INSIGHTS WITH Neo AI









Circle It. Know It



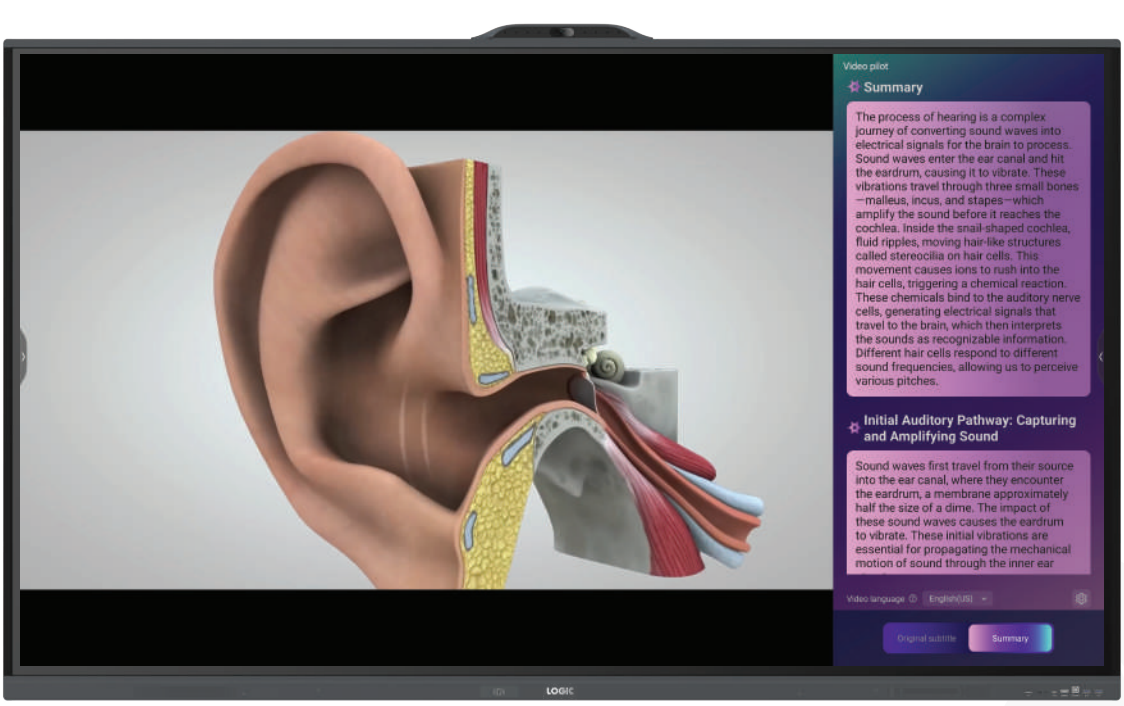
A simple on-screen circle intelligently brings up relevant visual insights, helping you instantly understand and explore the content on your screen. Designed for intuitive interaction, it enhances your learning experience by making information more accessible, without disrupting your workflow

Save and Export
Live Subtitles - Instant Multilingual Translation



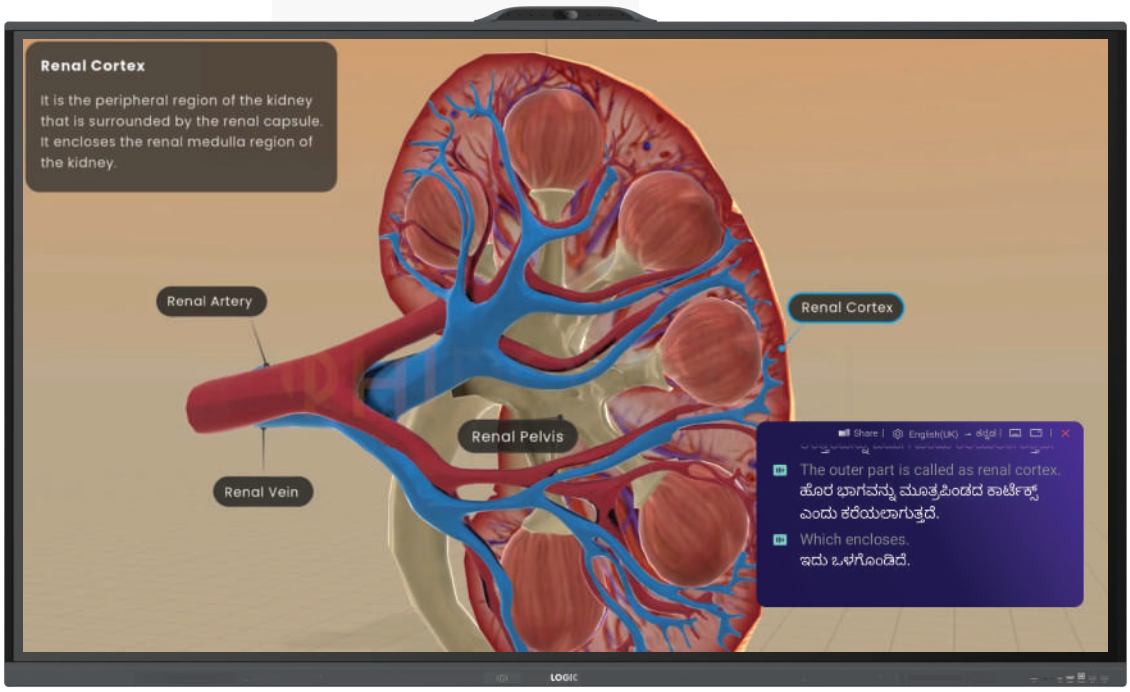
Capture live subtitles and export them for future reference or sharing.

Video Pilot - Your Guide to Smarter Viewing



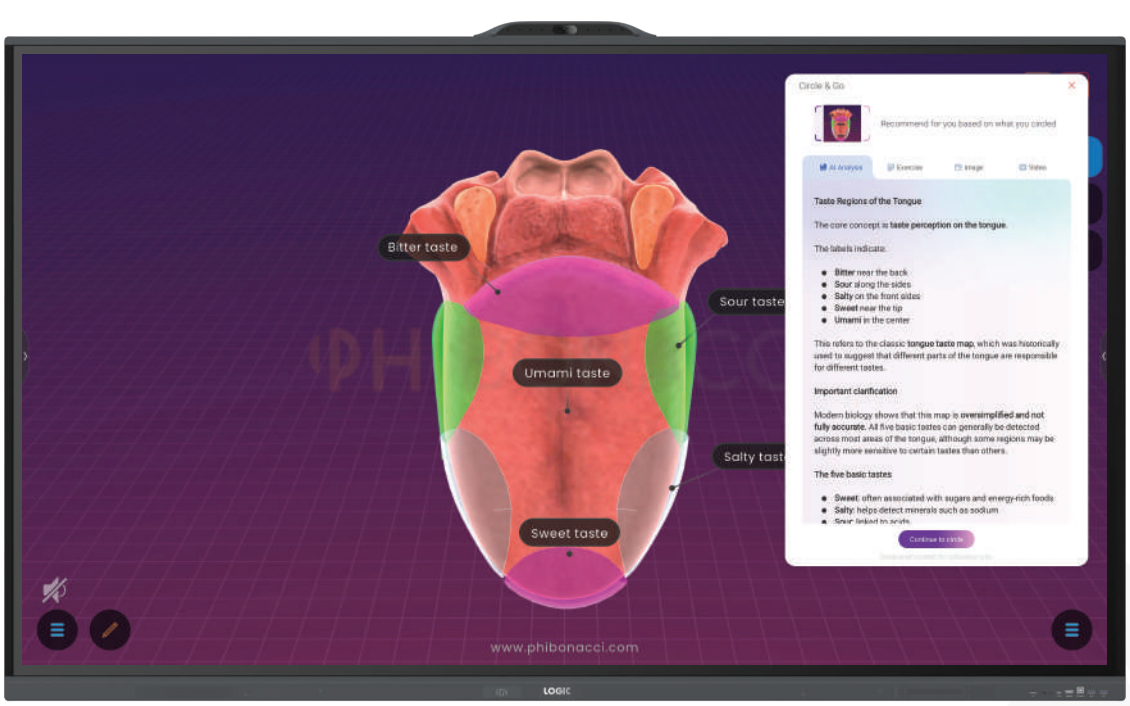
Generate real-time subtitles in multiple languages as you watch. With automatic video segmentation and smart summaries, understanding global content becomes effortless and efficient

Communicate Across 54 Languages



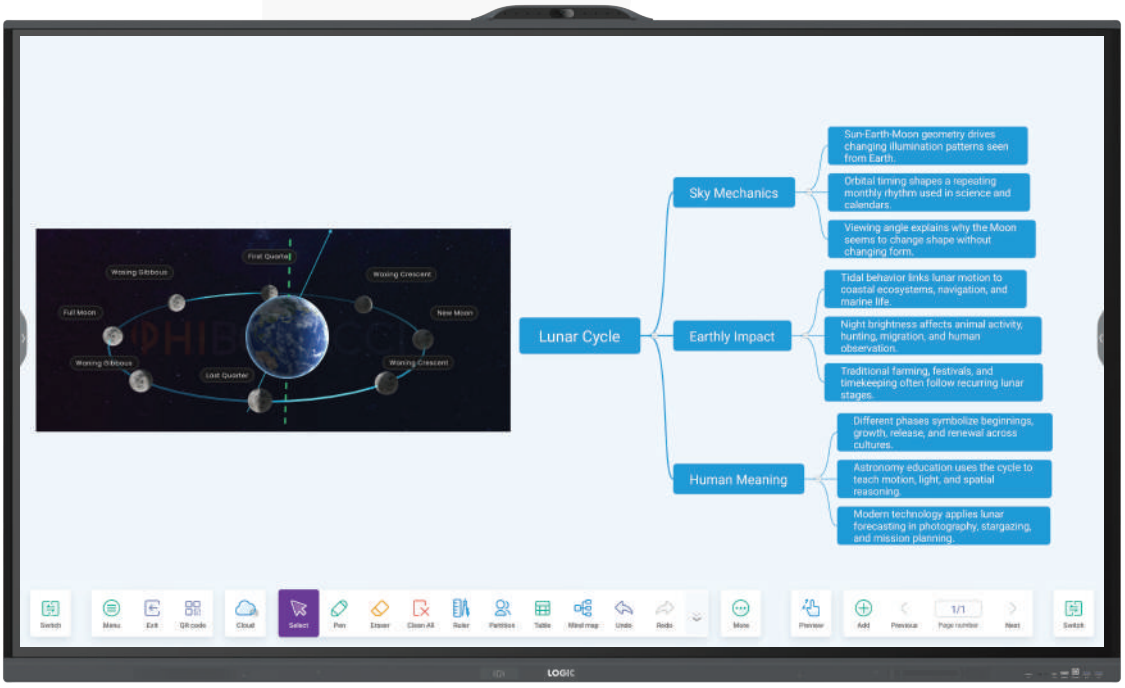
Enable real-time, inclusive communication that helps people connect, understand and collaborate across multiple languages.

Ask AI - Type It. Know It



Simply write your question in the Ask box, whether it's about a word, image, or concept on your screen and get instant, intelligent answers. It's your assistant for quick understanding and deeper learning, right when you need it

Smart Mapping with AI



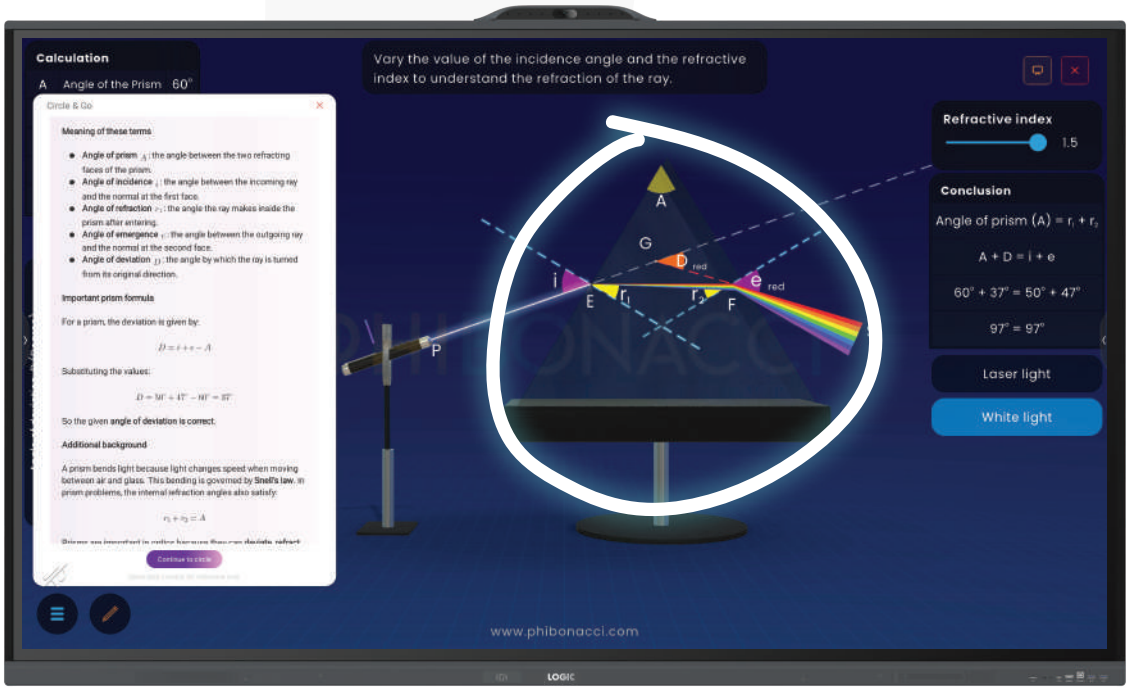
AI-powered Smart Mapping instantly organizes key ideas, concepts, and connections into intuitive visual maps. Whether you're brainstorming, revising, or teaching, it helps you understand complex information more clearly and retain it more effectively

Engaged Learning Through Gamification



Transform classroom activities into interactive experiences that spark curiosity, encourage participation and make learning more memorable.

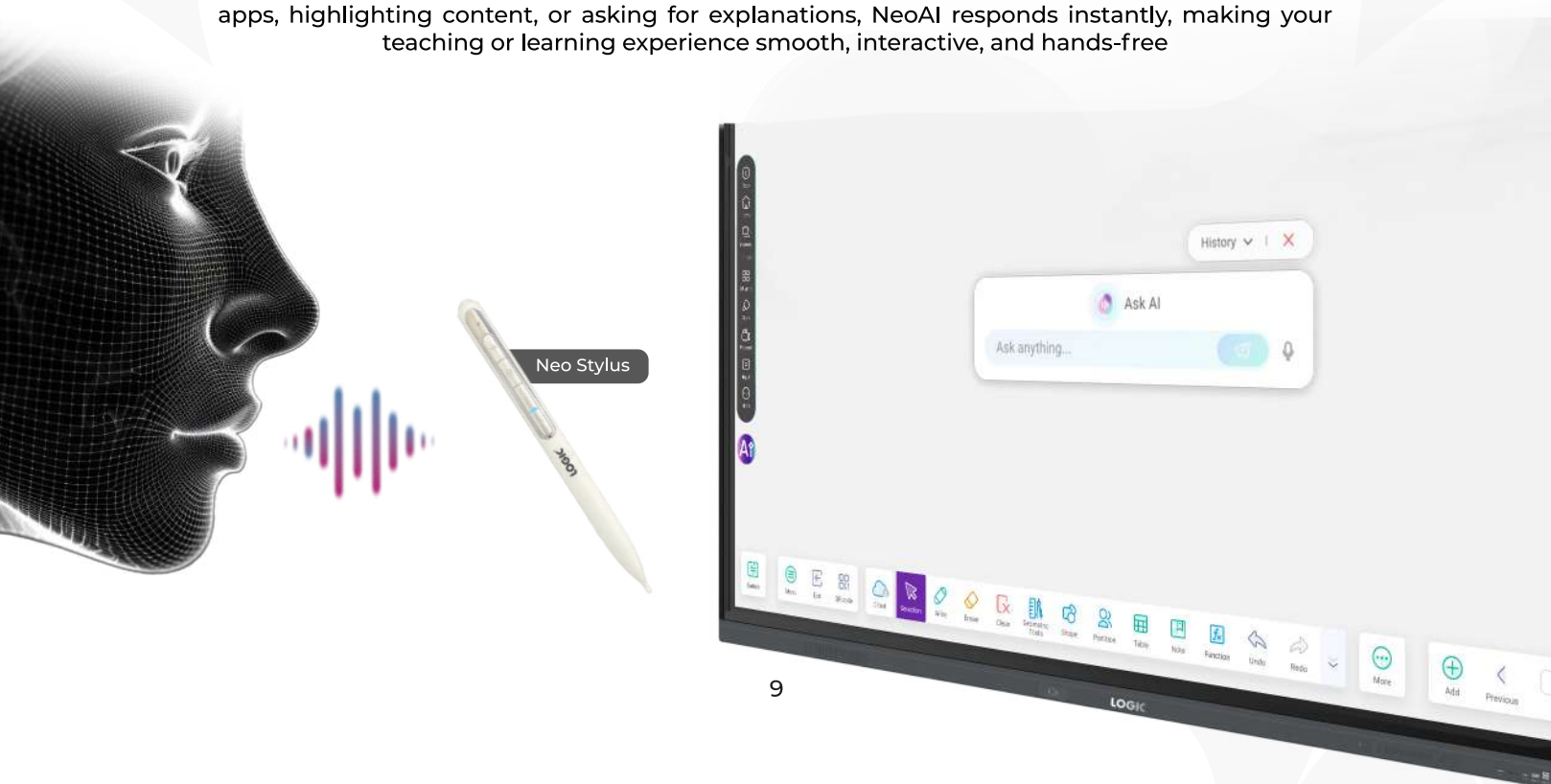
Smart Test Builder - Instant Quiz Creation



Powered by Neo AI, it intelligently analyzes your handwritten notes, lessons, or on-screen content to generate a variety of question formats - including fill-in-the-blanks, multiple choice, short answer, and more. Designed for educators, it simplifies assessment creation while ensuring relevance, accuracy, and adaptability to different learning needs

Ask NeoAI - Smart Pen with Voice Commands

Use your Smart Stylus to activate NeoAI with simple voice commands. Whether you're navigating apps, highlighting content, or asking for explanations, NeoAI responds instantly, making your teaching or learning experience smooth, interactive, and hands-free



Picture-in-Picture (PIP)

View Android and Windows interfaces on a single screen simultaneously,
enabling smooth multitasking and instant content access



Wireless Screen Share

Connects upto

30

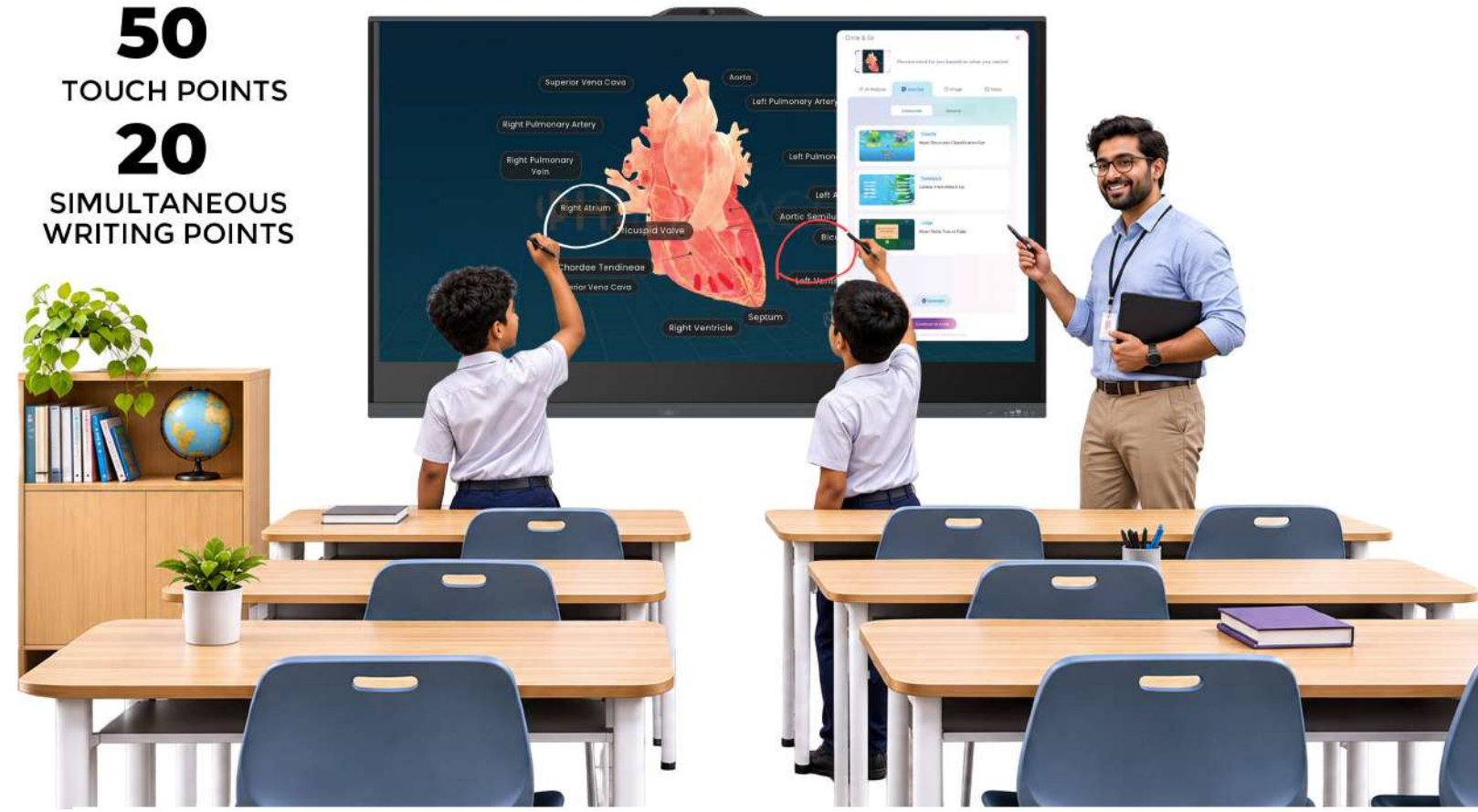
Devices

(Android, Windows,iOS & macOS)



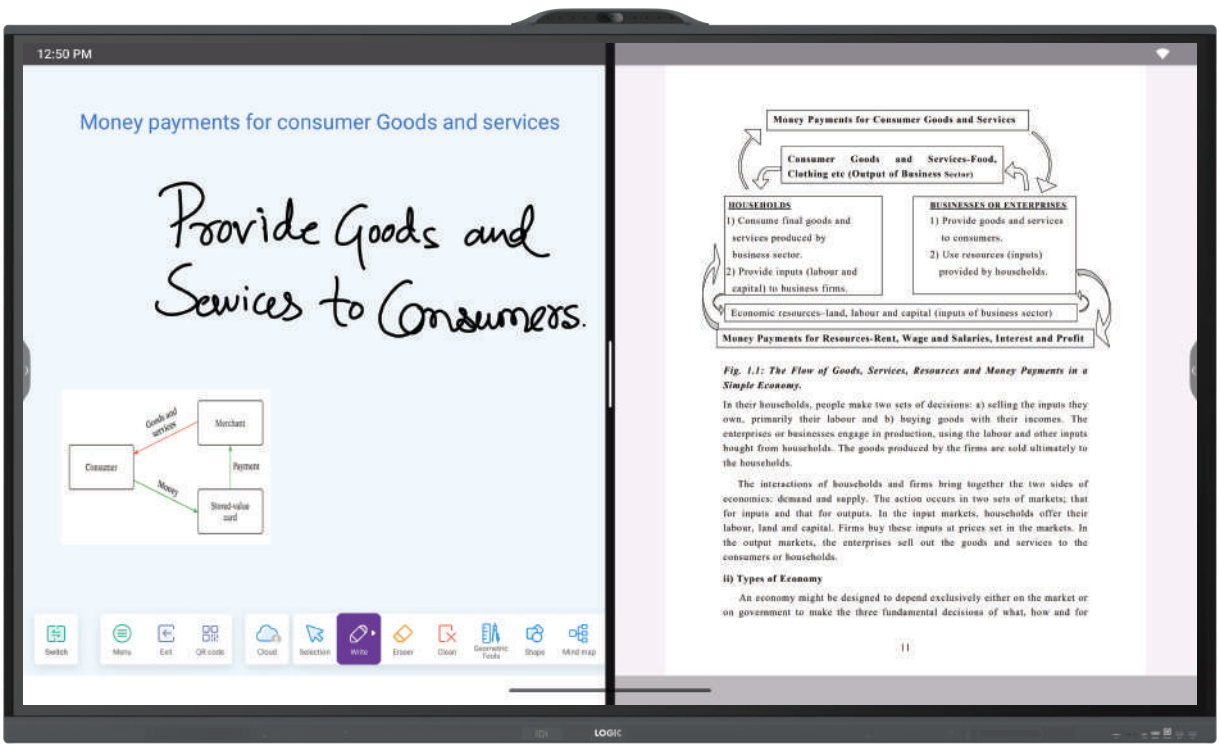


Next-Gen Touch Experience



Dual Views with Double Productivity

Split-screen mode lets you run two applications simultaneously, perfect for multitasking.Write on the whiteboard while referencing documents, browsing content, or running presentations side-by-side



Key Features

LOGIC®

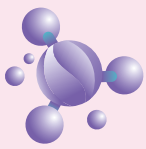
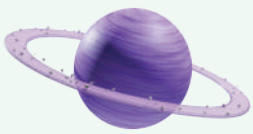
Note Pro:

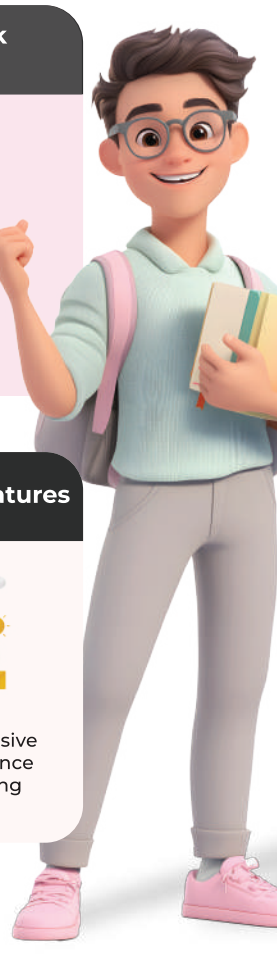
YOUR IDEAS, LIMITLESS CANVAS

Advanced Search	Versatile Content Import	Subject-Specific Simulation Tools	Regional Language Compatibility
			
Seamlessly explore images and videos with powerful search capabilities.	Effortlessly import files such as PPT, PDF, audio, video, notebooks, and flipcharts to enhance learning sessions.	Utilize tools designed for various subjects to enrich interactive teaching experiences.	Support for multiple regional languages, ensuring inclusivity and accessibility.

Effortless Note-Taking	On-Board Geometric Tools	Text-to-Speech Integration	Translate Feature
			
Easily capture and share notes through QR codes in both image and PDF formats, simplifying the process for students and educators alike.	Access a variety of built-in geometric tools directly on the board for precise shapes, measurements, and diagrams.	Enable on-board text-to-speech functionality to cater to diverse learning needs.	Instantly translate content into multiple languages, making learning accessible to a diverse audience.

Gamified Quizzes Creation	Cloud Storage	Built-in 2D & 3D Shapes	NCERT e-Book Integration
			
Design engaging quizzes with the activity tool to create interactive and fun learning experiences.	Convenient cloud storage options for saving and accessing resources anytime, anywhere.	Includes pre-built 2D and 3D shape libraries for dynamic content creation.	Direct access to built-in NCERT e-books for seamless curriculum alignment.

GeoGebra Mathematics Tool	Molecular	Planet	150+ Additional Features
			
Integrated dynamic mathematics tool for advanced mathematical learning and visualization.	Interact with chemical structures to explore atoms, bonds, and geometry for clear, engaging chemistry lessons.	Explore 3D models of planets with interactive visuals for an engaging space science experience.	Explore a comprehensive suite of tools to enhance teaching and learning experiences.



Advanced Monitoring, Simplified Control

Device Management System

A web-based solution to efficiently manage interactive panels supporting real-time monitoring, grouping, brightness and volume control, and instant broadcast of notifications and multimedia messages



Smart Monitoring with Insightful Analytics

Monitor device performance through an intuitive web-based interface. The DMS application provides detailed operational data, enabling you to gather usage statistics, identify issues, and ensure optimal panel performance with ease



Centralized App Management Made Simple

Easily manage all applications from one unified interface with complete control. Remotely enable, disable, install, or update apps across multiple panels in just a few clicks. Share important notifications instantly without disrupting ongoing classes to ensure a smooth and uninterrupted learning experience

Account Management System (AMS)

Authorized User Access Management

Ensure authorized and secure access for every user with robust Account Management System. It provides seamless login, personalized settings and controlled user management offering a secure and tailored experience across the IFPD environment



PRODUCT SPECIFICATION

LOGIC®

	MODEL	LT-IR86CX-PLUS
Display	Size	86 Inch
	Panel Type	VA
	Back Light Unit	DLED
	Response Time	6.5ms
	Aspect Ratio	16:9
	Display Area(HxV)	1895.04(H)×1065.96(V)mm
	Pixel Pitch	0.4935×0.4935mm
	Resolution	3840(H)×2160(V)
	Refreshing Frequency	60Hz
	Display Color	1.07B
	Bit Rate	10 bit
	NTSC Gamut	72%
	Contrast Ratio	5000:1
	Viewing Angle	178°(H/V)
	Brightness with glass(min)	450cd/m²
	Brightness with glass(typ)	500cd/m²
	Glass Hardness	9H (Substrate scratch resistance) 7H (Intrinsic material hardness)
	Operating Time	16/7
	Life Time	≥50000 Hours
Operating System	System Version	Android 16.0
	RAM	8 GB
	ROM	128 GB
	CPU	Octa Core A72×4+A53×4
	GPU	Mali G52 MC3
Touch System	Sensing Type	Infrared recognition
	Touch Recognition	Passive stylus
	Response Time	5ms
	Accuracy	±1mm
	Touch Point	50
	Writing Point	20
	Minimum object Size	2mm
	Writing Height	≤2mm
	Palm Rejection	Support
	Pressure	Passive stylus pressure senitivity
	Interpolation resolution	32768(W)×32768(D)
	Supporting OS	Windows10/Windows8/Windows7/Android/Linux/Mac OS X/Chrome
Audio	Audio Output	2.1
	Output Power	2x20W+20W
	Sound Pressure level	89dB
Microphone	Quantity	8
	Pickup Distance	0~12m
Camera	Quantity	1
	Pixel	50MP
Power	Power Supply	100-240V~50/60Hz 5.0A
	Power Consumption (Typ/Max)	220W/400W
	Standby Power	≤0.5W
I/O Interface	HDMI IN	3
	HDMI OUT	1
	USB 2.0	1
	USB Type-C IN	2
	USB 3.0	4
	TOUCH 3.0	3
	DP IN	1
	VGA IN	1
	AUDIO IN	1
	AUDIO OUT	1
	SPDIF	1
	RS232	1
	RJ45 IN	1
	RJ45 OUT	1
	TF Card	1
	NFC	1
	Wi-Fi	Wi-Fi 6 (802.11ax)
	Bluetooth	BT 5.3
Physical Specifications	Product Dimension (L×H×D)	1957×1186.5×99.5mm
	Package Dimension (L×W×H)	2110×185×1291mm
	VESA	800×600mm
	Net Weight	55.85kg
	Net Weight	65.15kg
Accessories	Power Cord	1
	HDMI Cable	1
	USB Touch Cable (Type A-B)	1
	Remote Control	1
	Wall Mount Bracket	1
	Writing Pen/Stylus	1 Pair
Environmental Conditions	Operation Temperature	0°C- 40°C
	Operation Humidity	10% - 90%RH
	Storage Temperature	-20°C- 60°C
	Storage Humidity	10% - 90%RH
Optional PC Module	PC Module	OPS

** Images used are for illustration purposes only

LOGIC®

EMPOWERING DIGITAL TRANSFORMATION





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Website : www.logicav.in

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INTERACTIVE DISPLAYS

[redacted]

Bringing [redacted] To Every Classroom



PRODUCT BROCHURE