

GALILEO ONE



Transform any Display into a Interactive Teaching Tablet

Carefully designed for classrooms and packed with most advanced features to transform the way you teach.

Galileo converts a regular display such as an LED Display or TV into an interactive touch surface at the press of a button. A wide-angle camera, speakers, microphone array, minimalist design, easy setup and a powerful Kneura AI Cloud LMS make Galileo an indispensable add-on for a smart classroom setup.



Seamless Interactivity



Formative Assessment



Classroom Behaviour Management Solution



Student Digital Profile



Content Mapping & Recommendation



Personalised Learning Path



Automated Content Translator



Institute Management



Digital Voice Assistant

Key Features

- Collaboration
- Auto Attendance
- Capture, Store and Share
- Class Recording
- Smart Tools
- Unlimited Free Content



PRODUCT SPECIFICATIONS

PLATFORM

Embedded O/S	Galileo OS (Educational OS) - Android™ version
Main Processor	Quad-core ARM Cortex™ - A53 Processor, CPU 1.8GHz + Dedicated 600MHz GPU
Video	Ultra HD 4K and Full HD 1080p video decoding
Security System	Trust zone based security architecture
Driverless	Yes (connect to any other PC/MAC etc. via USB as standard HID device and use all native Applications)
CPU Requirement	No CPU consumption on host PC/MAC
USB Bandwidth Requirement	Under 1MB/s, standard USB HID touch device, support for RJ45 USB 1.1 extenders
Wi-Fi	IEEE 802.11a/b/g/n (Dual Band)
Edge-blending System Support	More than 8 devices can be connected to 1 USB port in PC for a Edge-blending setup
Automatic Calibration	Yes
Multi-touch Points	255#
OS Support (on host PC)	BYOD - supports all OS platform on host PC like Windows®, MacOSX™, Linux®, Chromebook®
I/O Ports	HDMI®, USB 2.0, OTG micro USB, IR receiver, DC in, Micro SD Card, IR remote

CAMERA UNIT

Movement Detection Technology	EyeRIS® built-in 3-D Dual-band Optical
Tracking Active Area (max projection size recommended)	Upto 65" for 16:9 aspect ratio (wide angle) & upto 80" for 4:3 aspect ratio
View angle	Vertical-95°, Horizontal-110°, Diagonal-170°
T/R Range	Upto 0.16
Tracking Speed & Response Time	120 FPS (can be extended upto 200 FPS) & 195 million dots/sec
Ambient Light ResistanceTechnology	830nm +/-20 & 650nm +/-20 dual band tracking technology (Visible and IR bands)
Calibration Technology	Automatic as well as Manual Calibration
Power Requirement	5V
Power Consumption	<1W
Operating & Storage Environment	Temperature: -10 to + 60 degree; Humidity: 0% to 95%
Accuracy	+/-2px

STYLUS

Power Demand	Super-Capacitive technology, No Consumables, 3 minutes charging time through USB
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* Disclaimer: Product specifications and data are subject to change without notice to improve reliability, functions, design or otherwise.
*** All features and colors mentioned are not available on all models