CYBERNETYX ®

GALILEO ONE

Carefully designed for classrooms and packed with most advanced features so much so that it will transform the way you teach for good.

Galileo device converts a regular display such as an LED panel 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 LMS core make Galileo indispensable for a smart classroom setup.

Key Features

- Seamless Touch Interactivity
- Classroom Behaviour Management Solution
- Content Mapping & Recommendation
- Automated Content Translator
- Digital Voice Assistant

- Formative Assessment
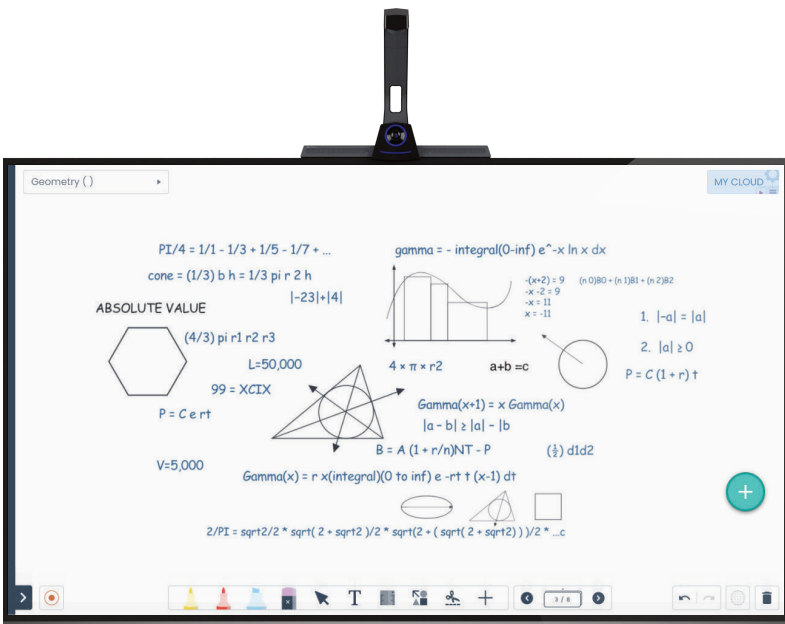- Student Digital Profile
- Personalised Learning Path
- Institute Management
- Screen Collaboration

Collaboration

Auto-attendance

Capture, Store and Share

Class Recording

Smart Tools

Unlimited Free Cloud Content

ALL - IN- ONE
TEACHING MACHINE

for more details contact hello@cybernetyx.com

Geometry ( )

MY CLOUD

$PI/4 = 1/1 - 1/3 + 1/5 - 1/7 + \ldots$

$cone = (1/3) b h = 1/3 pi r 2 h$

ABSOLUTE VALUE

$(4/3) pi r1 r2 r3$

$L=50,000$

$99 = XCIX$

$P = C e r t$

$V=5,000$

$gamma = - integral(0\text{-}inf) e^\wedge\text{-}x \ln x \, dx$

$|\text{-}23|+|4|$

$-(x+2) = 9 \quad (n \, 0)B0 + (n \, 1)B1 + (n \, 2)B2$
$-x \text{-}2 = 9$
$-x \text{-}2 = 11$
$x = \text{-}11$

1. $|\text{-}a| = |a|$

2. $|a| \geq 0$

$4 \times \pi \times r2 \qquad a+b =c \qquad P = C (1 + r) t$

$Gamma(x+1) = x \, Gamma(x)$

$|a - b| \geq |a| - |b$

$B = A (1 + r/n)NT - P \qquad (\frac{1}{2}) d1d2$

$Gamma(x) = r \, x(integral)(0 \text{ to } inf) \, e \text{ -rt } t \, (x\text{-}1) \, dt$

$2/PI = sqrt2/2 * sqrt(2 + sqrt2)/2 * sqrt(2 + (sqrt(2 + sqrt2)))/2 * \ldots c$

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PRODUCT SPECIFICATIONS

PLATFORM

Embedded O/S	Galileo OS (Education 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	TrustZone® 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 than8devices can be connectedto1USB port in PC for a Edge-blending setup
Screen mirroring support	iOS, Android™, Windows® & MacOSX™ via Companion app
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, USB 3.0, OTG micro USB, IR receiver, DC in, Micro SD Card

CAMERA UNIT

Movement Detection Technology	EyeRIS® built-in 3-D Dual-band Optical
Tracking Active Area (max display size recommended)	Upto 65" for 16:9 aspect ratio (wide angle)
View angle	Vertical-95.3°, Horizontal-130.6°, Diagonal-169.7°
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
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, Only3min. charging time