SYNERGY ⊘ CYBERNETYX®

Techno-Commercial Proposal

SparkPanel

All-in-One 4k UHD Interactive Cloud Connected Teaching Panel with Wireless Collaboration
Enable **Online and Offline** Learning

Freude anTechnik

Proposed to:
Submitted by: Cybernetyx Technik Pvt. Ltd.
Email Id: Murugan.muthaliar@cybernetyx.com

Date of Submission: 23rd July 2020

About Cybernetyx®

Cybernetyx® is a pioneer and leader in developing perceptual AI devices that augment our learning and thinking spaces to transform our knowledge work. In 2009, we invented EyeRIS® vision technology – that allowed machined to 'see' and understand human touch and gestures on large surfaces, and now powers products from nearly all of the leading display companies in the world such as NEC, ViewSonic, and others. Out solutions reach over 1.5 million users today across 80 countries. Cybernetyx® has sold and deployed more than 135,000 EyeRIS® interactive classroom solutions in India, one of the largest by any company in the country so far.

With the mission of leading AI innovation to power the future Cybernetyx® has independently developed a deep learning platform, a range of microcomputing devices, and core technologies such as face recognition, image recognition, object recognition, text recognition, medical image analysis, video analysis, autonomous driving, and remote sensing. In doing so, Cybernetyx® has become one of the world's most focused machine intelligence and smart equipment companies.

GLOBAL FOOTPRINT

HQ : Berlin, Germany
HQ: Hanover, Germany

Cybernetyx Hardware R&D center
Seoul, South Korea

● Registered company offices

● Presence of Authorized Distributors / Channel Partners

● Technology partner/SI presence

1. Cybernetyx India Support Centre (CISC), NOIDA
2. Cybernetyx Experience Center, NOIDA
3. Cybernetyx Software Labs, Bangalore

Over **15** Million Users

135000+ Installed Devices

Supplies to **34%** Interface Unit Market Share

Impacting Various Sectors

○ Educational Sector   ○ Corporate Ecosystem   ○ Smart Spaces

Spark**PANEL** Ultra

4K-UHD LED
Interactive Panel

Spark**PANEL**, a 4K-UHD interactive panel with built-in teaching tools and an education management system, is a perfect replacement for traditional blackboards & IWBs in schools. Experience the joy of writing, annotating and teaching in Ultra-High Definition and using an educational management software to streamline the entire flow of education.

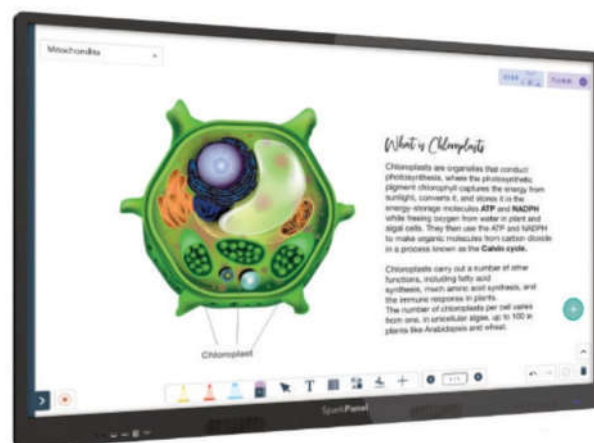|		
SLW (Surface Light Wave)	Toughened Safety Glass	Anti-glare coating
Multi-Touch Gesture Control	Collaborative AI Teaching Software	Built-in Single Board Computer

Key Features

- All-in-one Smart Classroom
- Seamless Interactivity
- MultiTouch Gestures
- PC- Free Operation
- Free Content
- App Suite for Content and Classroom Managemer

for more details contact hello@cybernetyx.com

3

SYNERGY

PRODUCT SPECIFICATIONS

Movement Detection Technology	I R(Infrared)
Chipset	ARM ® Ouad Core,1.4 Hz
RAM/ROM	2G/32 G (expandable up to 256 GB via external memory card)
Simultaneous Touch Point Supp Ft	UPtO 10 P IF\tS
Precision	1 mm
Panel Size	65"(Diagonal)
Resolution	3840 x 2160 (4K)
Touch Resolution	32767 x 32767
Brightness	350 cd/m*
Response Time	8 ms
Dynamic Contrast Ratio	4000:1
Backlight	LED
LifeTime	30,000 hrs (min.)
AsPect Ratio	16:9
Active Area(mm)	1428.48 (H) x 803.52 (V)
N.W / G/W (kg)	45 kg / 58kg
Operating System	Android™5.0
Open Platform	ComPatiblewith Windows", ma cOS" and Linux^
Power Consumption	Maximum <250 W, Echo <125 W, Standby Mode <0.5 W
Operating Voltage	100 V - 240 V, 50-60 Hz
Outputs (Speakers)	10W x 2
HID Support	Yes
OPS Slot	Yes
WiFi	Yes (Integrated)
Warranty	Standard 1 yr RTB
GI ass surface	Toughened glass
Housing	Aluminium + Sheet Metal
Interfacel•P\JI/Output	Front Side: HDMI® IN 1-line, USB for PC 2-line, USB for touch 1-line, Rear Side: RS232 1-line, MIC IN 1-line, SD IN 1-line, USB 3.0 Media 2-line, HDMI^ IN 2-line, SPDIF OUT 1-line, AV IN 1-line, AV OUT 1-line, EaPhone 1-line, VGA IN 1-line, Audio IN 1-line, VAG OUT 1-line, RJ45 LAN IN 1-line, RJ45 OUT 1-line, YPBPR 1-line

Kneura Teach – Interactive Teaching SoftwareSuite

Kneura Teach is an extensive Interactive Teaching Software Suite that comes bundled with Quriosity. The wide range of tools and features enables the teachers to deliver effective instruction. Kneura teach is the only Interactive teaching software that is available in both Windows and Android with similarset
of tools, functionalities and user interface, which gives zero learning curve for the teachers.

Smart teaching tools:

From pen tool, multi-colour palette selector tool, highlighter, shape recognition to formula recognition and geometry tools like scale, compass, protractor etc, Kneura Teach has a host of smart and nifty tools for engaging sessions.

Auto Recognition:

The teaching software gives teachers the freedom to write in their own handwriting as the handwriting recognition feature immediately converts into it into digital text. The software has can automatically recognise shapes and four-sided figures with specific measurements.

Thanks to the Math Formula Recognition feature, you just write any complex math equation, the software recognises it, automatically calculates the value and displays the result in a readable format.

Access to Curated Education Content Repository:

The built-in learning objects repository like KSAR and MyCloud helps teachers get unlimited access to relevant and curated multi-curricula K-12 educational content whenever they want.

Ability to change background:
        Different backgrounds Selector with different colours like green, black and patterns like graph / four-lines sheet gives the teachers the ability to colour the background as per their choice and requirement.

Other Features like:
- Ability to open web browser from the whiteboarditself

- Ability to add documents/media files from external or internalstorage
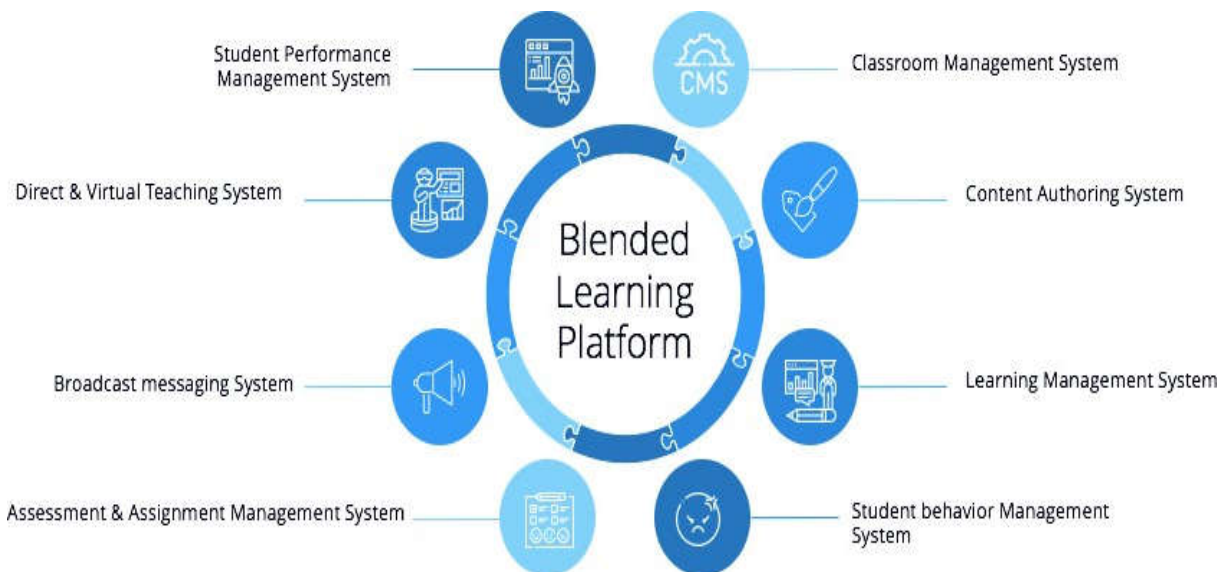
- Ability to capture screenrecording

Please click the link below to get more details about Kneura Teach: <u>User Manual</u>

Powered by Kneura – A complete blended learning platform

World's First complete Blended learning platform that offers a combination of traditional face-to- face and online learning and provides powerful tools for Educators to Create and Deliver Lessons (Live and Online), Grade, Advise and Engage with Learners and achieve extraordinary learning outcomes.

Capabilities:

- Create Virtual Classrooms by onboarding teachers andstudents
- Assign Syllabus or create customizedcurriculum
- Create lessons and Publish toCloud
- Conduct live online teaching with built-in virtual teachingtool
- Create Assessments and automate gradingprocess
- Students get access to lessons andassessments
- Managing Attendance and Performance from oneplace

Case Study