



**NURTURING  
INFINITE CREATIVITY  
WITH NEW AGE  
INNOVATION**

**RATED INDIA'S BEST  
INTELLIGENT  
INTERACTIVE PANEL  
FOR EDUCATION**

## ABOUT US

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*Senses is the name of innovation and revolution in EdTech Space. Established in 2013, Senses Electronics Pvt. Ltd. Enhances classroom interactivity and teaching learning process and makes teaching seamless and simplistic with its cutting edge technical attribute from the perspective of students, teachers and parents. Its intelligent interactive panels offers teachers the ease of writing, drawing, and annotating on the screen panel with the sharpest or thinnest of pens without hampering the screen in the most innovative ways. With 40000+ successful panel installations across 8000+ schools, we hold up to 70% of market share in the Indian education industry.*

*Our mission is to enable every teacher to teach concepts accurately and effectively. We facilitate the fun-based learning experience among students, and instill the confidence in the parents about their child's learning journey. With exceptional customer support, we are excited to create and maintain a long-lasting partnership with every school to help make learning easy, interactive, and fun.*

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# TRANSFORMING TODAY FOR A BETTER TOMORROW





Support  
Active Learning

Make learning  
easy, interactive, and fun

Developing  
Critical Readiness Skills

Delivering  
Effective Feedback

Boosting  
Engagement and  
Enthusiasm

Improving  
Learning Outcomes



# PRODUCT SPECIFICATIONS



In-built Wi-Fi 6, Ethernet & Bluetooth 5.2



In-built Single Board Computer (SBC) i5/i7 11GEN, upto 32 GB RAM / 6 TB HDD



Open platform, compatible with all e-learning contents



Supports any pen as small as tip of a ball pen



NFC Reader



Toughened glass protection



Whiteboard giving sharp, natural writing experience



Anti-glare coating to absorb up to 80% of light



Easy Wireless connectivity with laptops and mobile devices



Wide viewing angle up-to 178 degree

Endless Canvas/Auto Scroll

Text/Shape Recognition With Measurement

61+ multipoint touch gesture control (AI)

Voice-Enabled Remote with in-built microphone and pointer



Powerful 2.1 channel sound using 2 front facing speaker & down firing Bose Sub-woofer



Windows 11



or Pre loaded



Android 11.0\* 4GB/64GB



Energy saving design, Max 300W, consumes <0.5W on standby

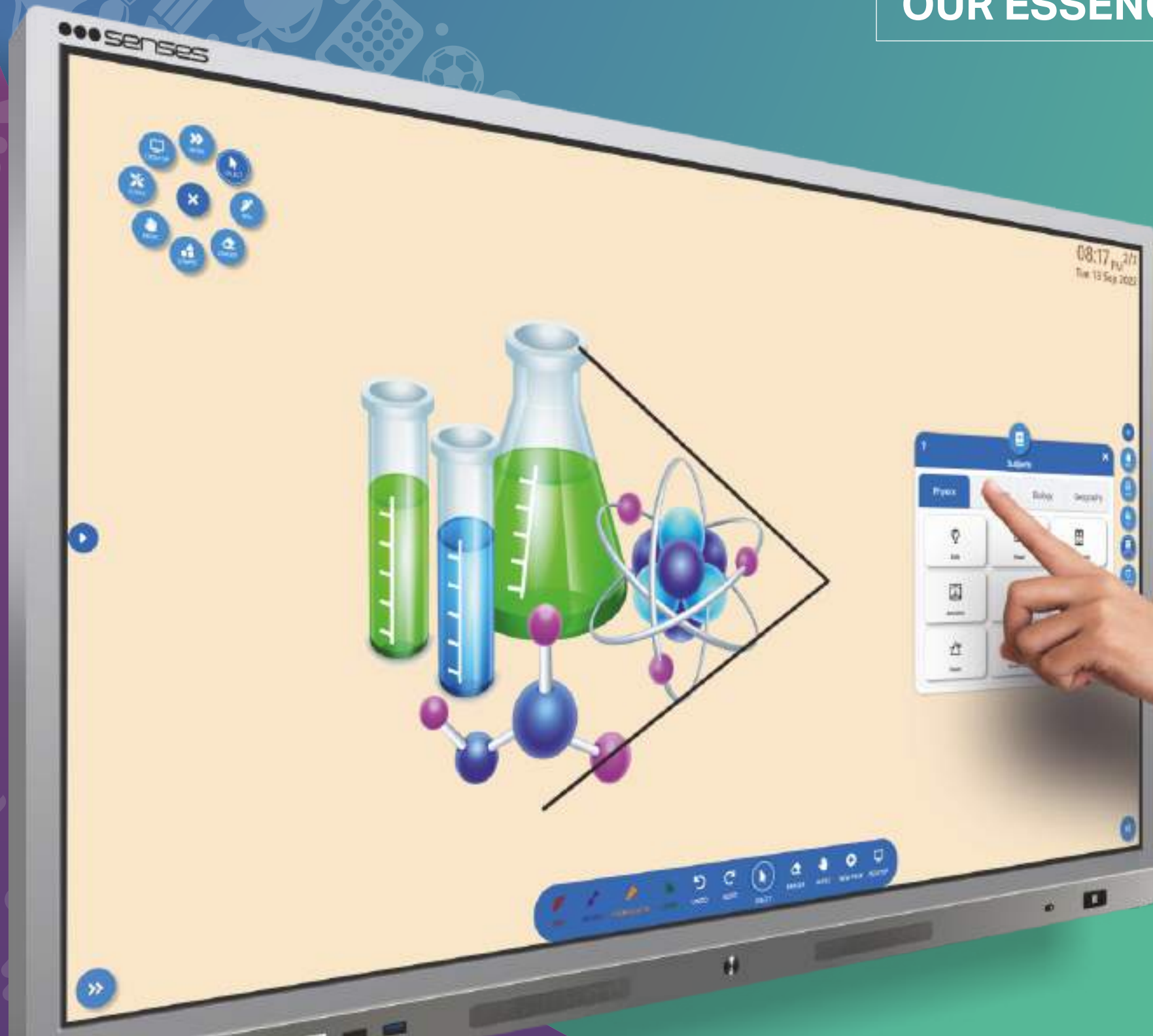


World's thinnest bezel interactive Panel with complete metal body



In-built WiFi access point

# OUR ESSENCE





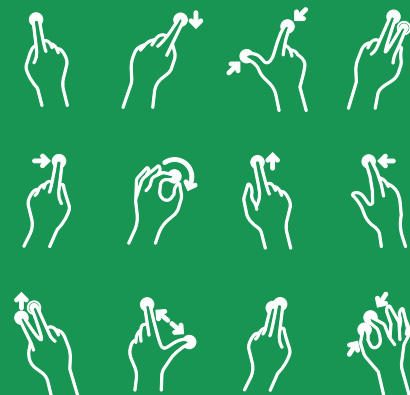
## VOICE RECOGNITION

Recognizes more than 200+ voice commands from multiple Indian languages and converts them into text, like dictation, draw shapes, open a tool or go to the menu, search in UI, Google/Wikipedia/YouTube, open files, etc.



## WHATAPP SHARING AND AUTO EMAIL

Senses Interactive Intelligent panel records the entire classroom session which can be instantly shared with WhatsApp no. and pre-configured email addresses through QR Code.

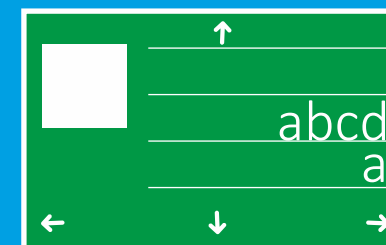
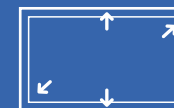


## MULTI FINGER GESTURE CONTROL

Draw, select, drag, rotate, and erase by using the 61 multi-point touch gesture control like palm erase, double click to change pen colour, long press, multi-finger swipe etc.

## ENDLESS CANVAS / AUTO SCROLL

Write endlessly on the smart board without erasing. Without creating new page you can continuously write on board. Auto scrolling function creates additional space at the end of the canvas.



हिन्दी पंजाबी  
गुजराती  
मराठी  
तेलुगु



## INDIAN-LANGUAGE COMPATIBLE

Senses Interactive Intelligent Panel supports multiple Indian languages for education. It is compatible with menu recognition and dictation accordingly.



## SCREEN RECORDING

Teachers can record, save, replay, and share the entire lesson conducted on the smart digital screen with the audio and video files.



00:0



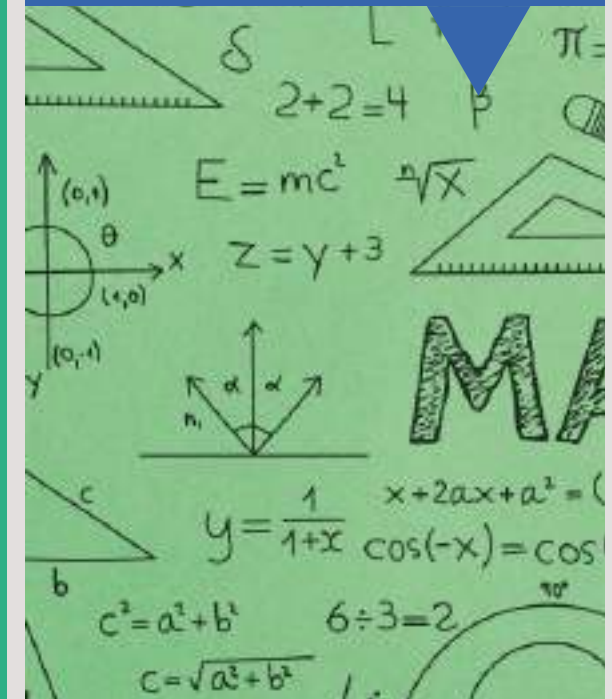
## TEXT/SHAPE RECOGNITION WITH MEASUREMENT AUTO ALIGN OF TEXT

Recognizes the text or shape written or drawn on the canvas automatically and converts it into the most accurate and readable format.



## MATH SOLVER

Write any complex equation and the Formula Recognition feature automatically solves the equation and gives the answer in a readable format.





## CLOUD BASED TEACHING

Save, download, and share the classroom sessions on the internet cloud from anywhere using a common URL.

## IMAGE INSERTION

It helps to insert a image through QR code from mobile to whiteboard.



## INTELLIGENT SEARCH

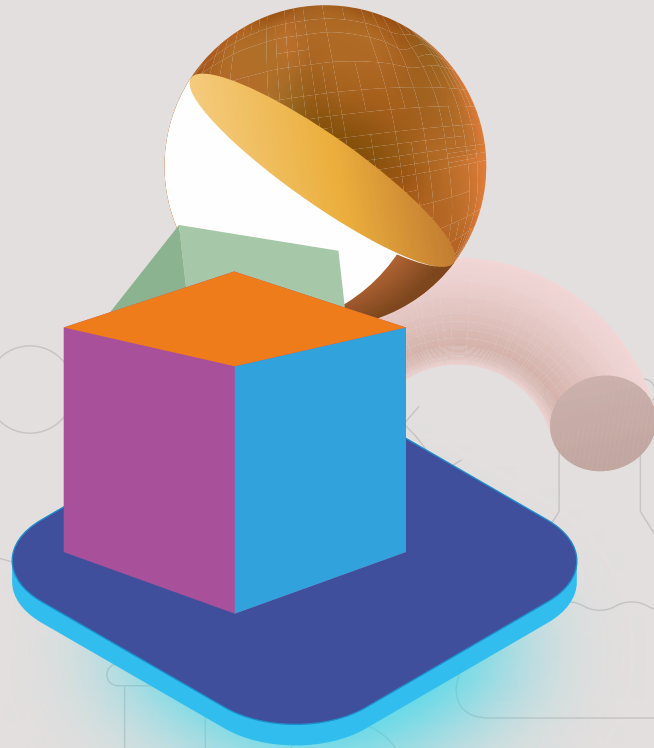
The panel automatically gives access to online sources (like Google, Wikipedia, YouTube, PubMed) for the topic written and highlighted on the screen. And also share necessary information about topic direct on the canvas.

## INTELLIGENT SESSION SAVING

Automatically saves the session every 60 seconds without having to do it manually, Will not lose data even if power goes off.

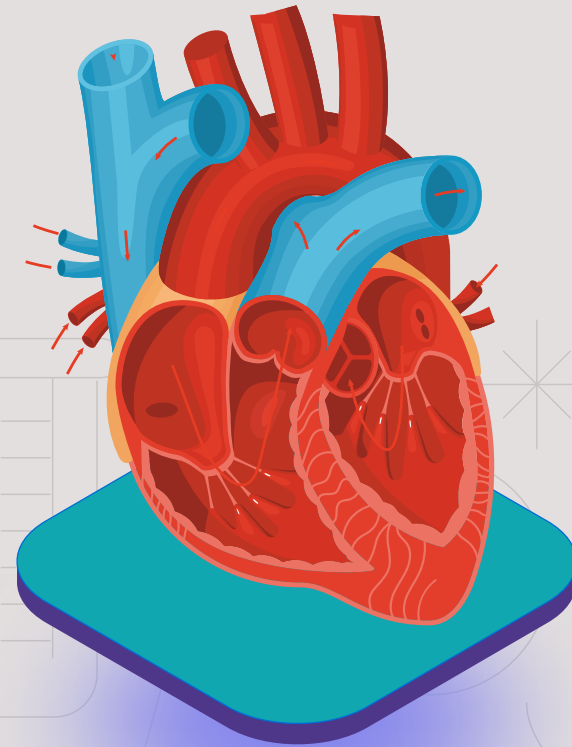






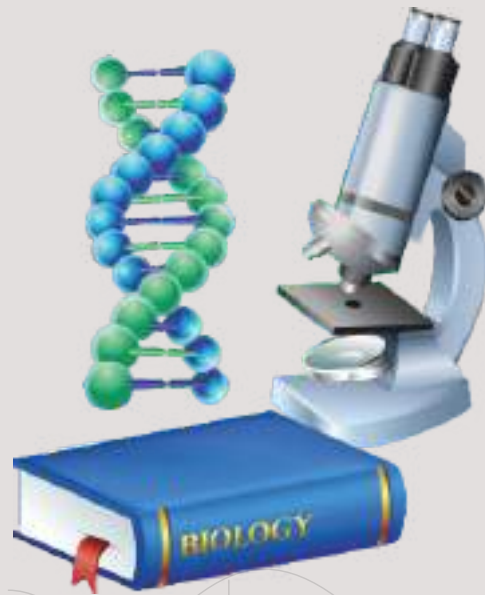
## 3D MODELS

Conceptual Knowledge-based Modeling of  
Interactive 3-D, visualisation of Content  
in 360° aspects.



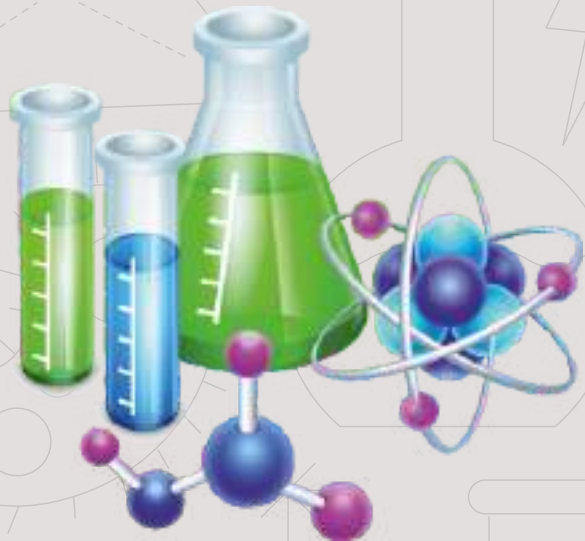
## 3D IMAGE INSERT

It allows to Insert a 3D image to demonstrate the  
topics with gestural recognition controller.



• **PHYSICS** • **CHEMISTRY** • **GEOGRAPHY** • **BIOLOGY**

An easy-to-understand language and complemented by graphics design draw shapes, solve graph functions, equations and formulae, stimulate Physics, Biology, Geography and Chemistry lab experiments to enhance practical learning.



## DUAL PEN

Write the text in multiple colors with the help of this Dual-color pen. Small nip and large nip of the pen can be used to write the text in different colours. While Eraser, which is at the back of the pen, allows you to rewrite anytime you want. And you can do it in the most natural way.

## DICTATION FROM FILE

The panel reads out text from Word or PDF files in any Indian languages creating fun and interactive environment.

## SPLITTER

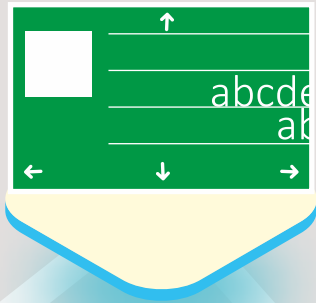
Split the Canvas to open additional application like MS Word, Excel, etc simultaneously.

## DRAGGING THE IMAGE/TEXT

Get direct access to any online educational content like images, text or videos by direct dragging to the canvas.

## PAGE REPLAY

Replay all the tasks/activities performed in the entire session on the canvas.



## EXTENDED CANVAS

The canvas content extends beyond the boundaries by connecting to two or more panels at the same time.

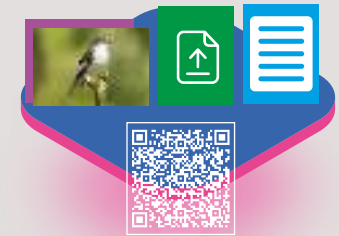
## VIDEO ANNOTATION

Annotate on video with ease.  
Stills can be extracted from video.  
Annotate on different timelines on the video & replay.



## EASY MENU

A menu in the bottom of the panel proved to be very helpful to user to navigate easily.



## WIRELESS INSERTION OF FILES

By scanning a QR code on screen one can easily insert ppt, pdf and jpeg file into sense board software.



## ROAMING PROFILE

With the use of an existing Microsoft account, 'ROAM' your existing preferences and environment from a panel to another panel.

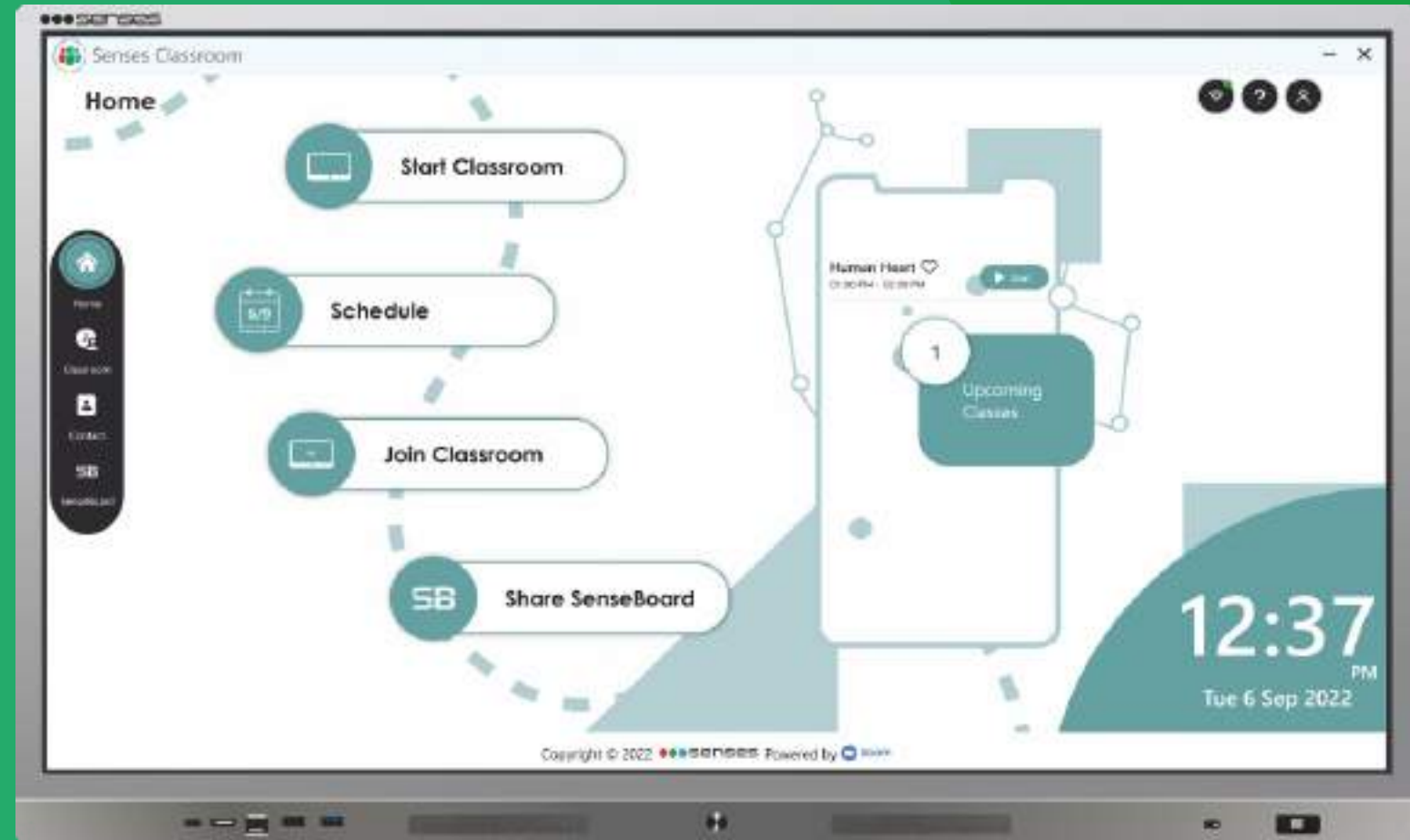
## OUR DIFFERENTIATORS

It is the alternative solution for hybrid classrooms which are exclusively designed for classroom interactivity. It helps to arrange the hassle-free classroom session properly without any kind of meeting sharing. **SENSES CLASSROOM** also plays a big role in developing an interactive environment which allows you to maintain all disciplinary practices and norms of a real classroom. This solution is developed in collaboration with zoom.



# SENSES CLASSROOM

Powered by  zoom





## EASI TALK

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Helps school administrators broadcast an important announcement to the entire school or a particular class, in both audio and video mode, They can also send text messages that get read out aloud and can share their desktop screen for smooth information transition video.



## SENSES WATCH

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Allows administrators to monitor all classrooms easily from one place and ensure effective learning and discipline adherence. This tool displays the web-cam output on the panel screen of the connected classrooms while monitoring the classrooms, the administrator can also address a particular class using audio.



## SENSES CONNECT

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Multiple users can share/mirror and compare their presentations. You can mirror any laptop and mobile screen to the Senses IIP and share upto 4 desktop screens at a time. Panel teaching content can also be casted to the student's device in a classroom.

## OUR DIFFERENTIATORS



### SENSE MANAGE

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All Panels in any classroom can be remotely controlled by an administrator. Administrators can also get centralized statistical information about the usage of each panel.



### SENSE CAPTURE

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An interesting tool that allows you to record lectures in 4k resolution, even without the need of any camera. Sense Capture uses a high compression algorithm to create high quality lectures without using much of your hard disk space. It also allows sharing of the recorded lectures which can be easily used as and when required as study material.



## NFC AUTHENTICATION

Secure your panel with NFC AUTHENTICATION. You can use NFC enable card or mobile devices to lock and unlock the panel. Apart from this, NFC enable card can be use to log teachers usage.



## SENSE ATTENDANCE

Panel comes up with full featured student attendance management system. NFC enable card with the student can be flashed on the panel to record student's in and out time. Different types of attendance report can be generated on the panel or remotely on a central server.





**WHAT DEFINE US**

## **SERVICE SUPPORT**

We provide top-quality service support for our clients and resolve the issue within the given time. Our sales endeavours are backed by a strong service and support network, which allows us to satisfy our happy customers all over India. Fostering a vision to be the top brand in the country, we believe that service support must always come first. We guarantee the products and services we offer will be treasured by you for a long, and you'll always remember us to fulfil your solution requirements.

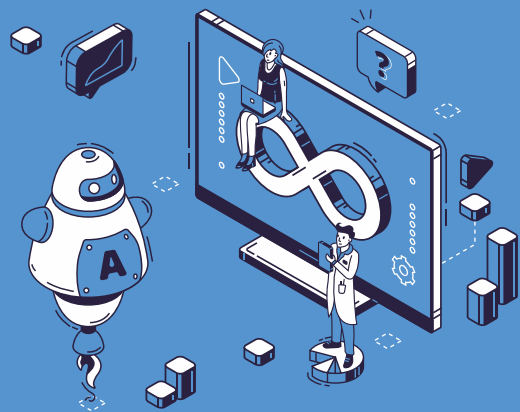
# SENSES TRAINING SUPPORT

Senses enabled school teachers to benefit from unlimited free training sessions for up to 3 years. We are here to hear from you to deliver excellence through our training sessions with the most innovative approach. Our dedicated team keeps in touch with all our clients in order to train them according to subjects and as per the requirements of teachers, students and colleges and ensure 100% adequate training support is provided.



## UNLIMITED SOFTWARE UPDATE

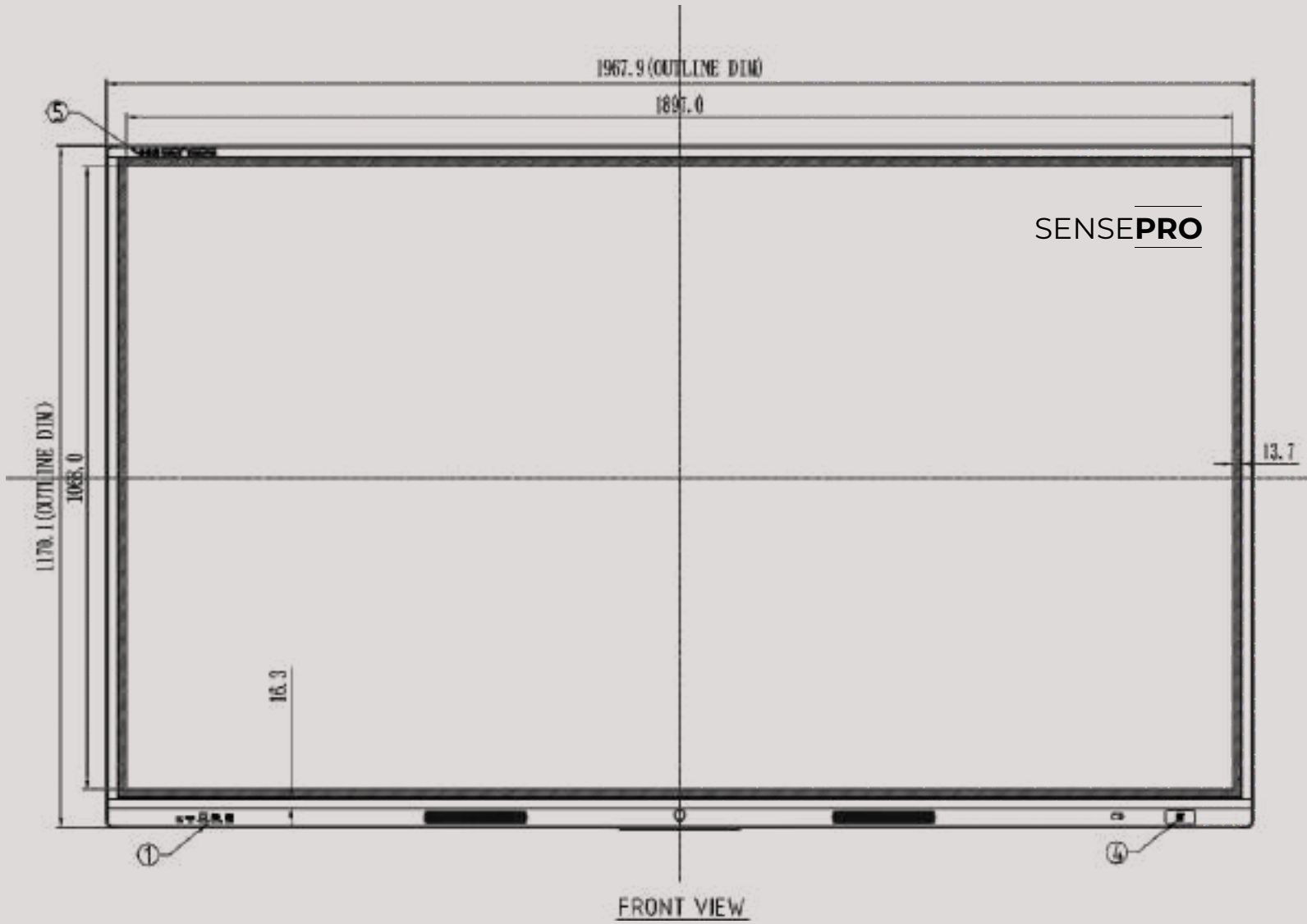
We provide extended 'end of life' by providing software updates free of cost for lifetime. These updates are inline with the requirements of the teachers. New updates are released on a quarterly basis. With these updates we always remain ahead of the time.



## SENSES INNOVATION

With every training session, our research team responds to teacher's feedback. According to their feedback we innovate and upgrade solution from time to time.





PANEL DIMENSIONS		
	Length	Height
65"	4'7"	2'6"
75"	5'6"	3'4"
86"	6'5"	3'8"
98"	7'1"	4'4"

## HARDWARE SPECIFICATIONS

	65IV2000	75IV1000	86IV1000
Screen Type	LED with super bright backlit display Commercial Grade	LED with super bright backlit display Commercial Grade	LED with super bright backlit display Commercial Grade
Backlight Type	DLED	DLED	DLED
Glass bonding	ZERO bonding Technology	ZERO bonding Technology	ZERO bonding Technology
Resolution	3840X2160, 4K	3840X2160, 4K	3840X2160, 4K
Number of Colors	1.07B (10-bit)	1.07B (10-bit)	1.07B (10-bit)
Refreshing frequency	120 Hz	120 Hz	120 Hz
Response Time	< 4ms	< 4ms	< 4ms
Contrast ratio	18000:1	35000:1	36000:1
Brightness	450 cd/m2	550 cd/m2	600 cd/m2
Viewing Angle	178/178	178/178	178/178
Life	50,000 hrs	50,000 hrs	50,000 hrs
Audio Amplifier	In-built, BOSE amplifier 2.1 channel output		
Audio Speaker	2 X 20W and 20W sub-woofer		
Sensing Type	Infrared 20 points writing and 40 point touch		
Touch Response Time	<4ms (typ)	<4ms (typ)	<4ms (typ)
Touch Accuracy	0.3 mm	0.3 mm	0.3 mm
Surface Protection	Toughened glass Level 7 MOHS Std.		
Android Module*	Android 11.0, Dual core A73 +Dual Core A73, 4GB RAM, 64GB Flash, Wifi 2.4Ghz and 5.0Ghz, Bluetooth 5.2		
Windows Module	Windows 11, Intel H510 Comet Lake, i5/i7 11th generation, 128GB SSD, 8GB expandable upto 32GB, 1TB expandable upto 6TB, UHD 630, WiFi 6, BT 5.2		
Inbuilt WiFi Access point	2.4GHz/5GHz, 802.11a/b/g/n/ac		
Inbuilt NFC authentication	ISO/IEC 14443 A / ISO/IEC 14443 B, MIFARE FeliCa, Read Write Speed - 106 To 424kbps		
Bluetooth	2.1+EDR/4.2/5.0	2.1+EDR/4.2/5.0	2.1+EDR/4.2/5.0
Connectivity	LAN RJ45, USB 2.0/3.0/3.1 Type C, Mini Display Port, Mic and earphone port, VGA Input, HDMI 1080p Input, HDMI 4K2K, SPDIF optical out		
Power Requirement	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ	100V-240V AC 50/60HZ
Power Consumption	<340W	<600W	<700W
Operating Temperature	`minus 10 to 55 degree	`minus 10 to 55 degree	`minus 10 to 55 degree
operational humidity	10% to 90 %	10% to 90 %	10% to 90 %
Dimensions L*H*W	1430X804X86mm	1722X1032X87mm	1968X1170X87mm
Net Weight	45 kg	52 kg	60 kg



*Revolutionizing Teaching*

# **BUILDING STRONGER FOUNDATION**

BY CREATING IMPACTFUL LEARNING

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"Senses intelligent Interactive Panel is no less than a blessing for teachers and students in today's world. It is to enhance classroom interactivity and teaching learning process and it makes teaching seamless and simplistic with its cutting edge features from student, teachers and parents' perspective."

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#### CORPORATE OFFICE

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Maharashtra, India



#### FOR SALES ENQUIRIES



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9778404206 (Tamil Nadu)



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