



# The rise of Hybrid Workplace

The way we work is changing, this brings in a lot of change to the workplace.

The pandemic resulted in a shift from primarily face-to-face interaction to home working and remote collaboration. A growing fatigue in an exclusively work from home approach and a much needed new balance between home office and workplace resulted in hybrid ways of working and meeting (i.e. employees are partly remote and partly in-office), where video calling has been embraced as a natural way of collaboration.

Now, as we step-by-step return to the office, it has become clear that connecting in-room and remote participants is still far from an engaging experience. Thinker Connect Plus, is a perfect collaboration solution designed to fulfil the needs of hybrid workplace.



# Works in 2 modes

## Smart Camera mode:

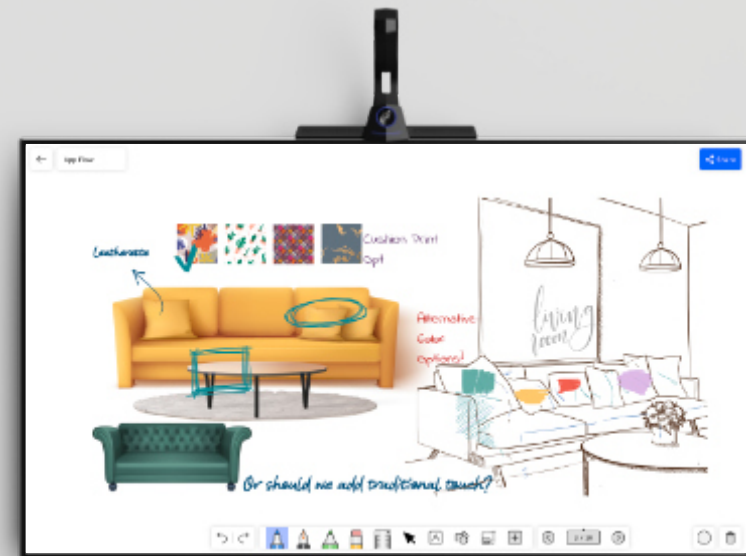
By simply plugging the USB cable from Thinker Connect Plus to the laptop, you get access to Camera, mic and control host display via touch and start the video meeting from your device. No need to waste time on connecting multiple wires and installing drivers.



## Whiteboard mode

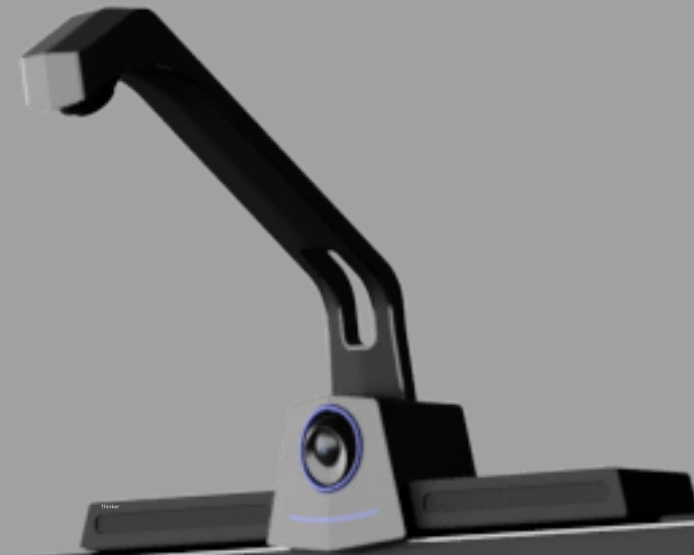
Just walk-in to the meeting room and start a quick brainstorming session by clicking on the built-in whiteboarding application.

No need to connect any PC or laptop. In this mode, Thinker Connect Plus converts the display into a digital whiteboard. Write, draw & ideate creatively.



# Designed for simplicity & performance

Thinker Connect Plus is placed on a normal display through a simple EZ Mounting mechanism without the need of any drill or special tools. The Kensington lock in the device firmly places it over the display/panel. The installation instantly upgrades the standard panel or TV into touch enabled Collaborative whiteboard.



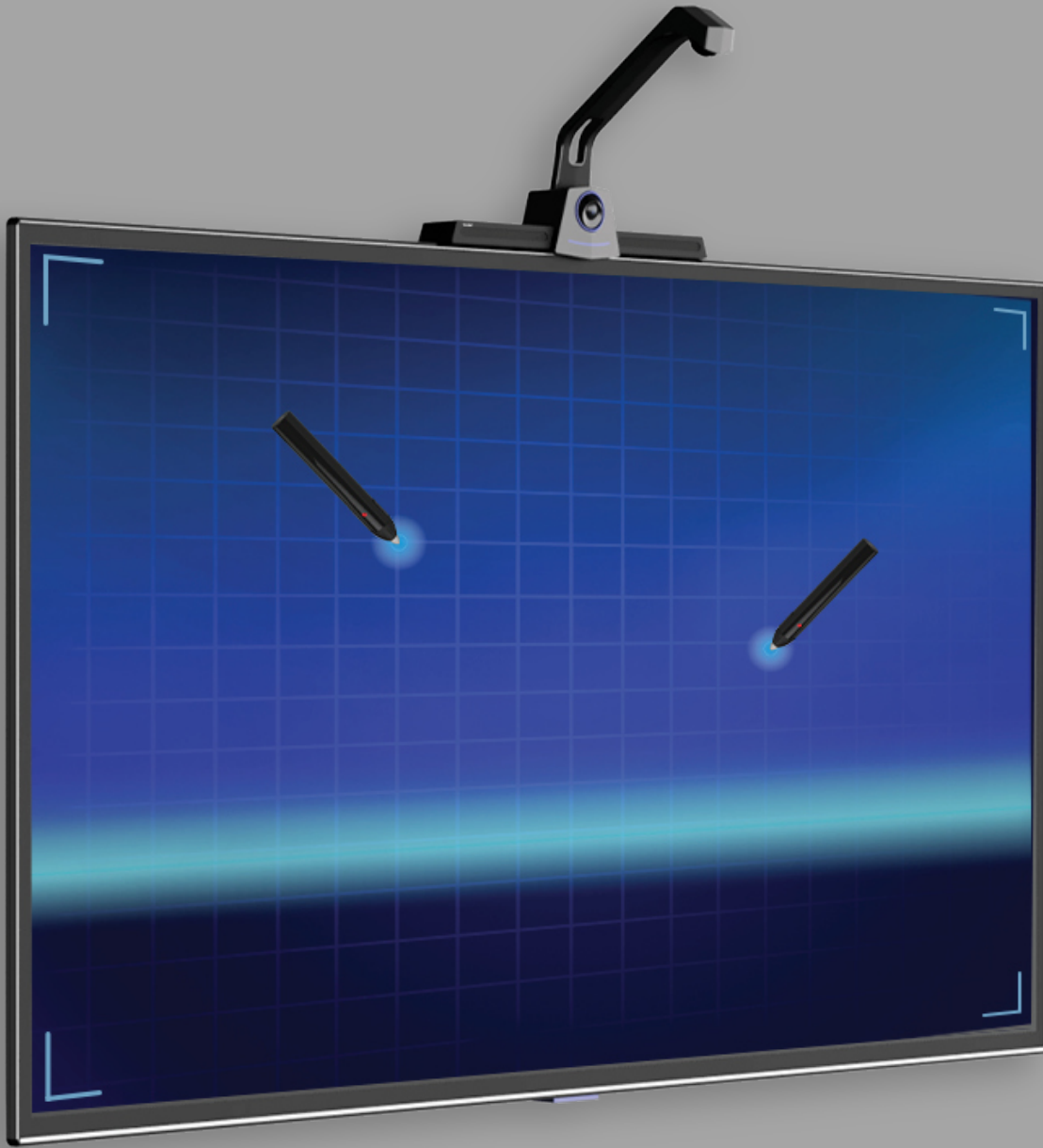


## DualSight Camera

With the advanced DualSight camera technology, Thinker Connect Plus delivers both touch interactivity and video collaboration/conferencing simultaneously on any screen.

### **Top Camera: Enables interactivity on any display without a touchscreen**

Using the advanced motion-sensing technology of EyeRIS<sup>®</sup> Sensor, Thinker Connect Plus can intelligently track the users' pen gestures in real time to perform touch interactivity on displays, which enables seamless information control from any display. It's the first device to use machine learning for human-computer interaction for surface computing. Using advanced deep learning algorithms, EyeRIS<sup>®</sup> distinguishes between ambient noise and Human Input more efficiently than any other computer interface in the world.



## Auto-Calibration

The EyeRIS<sup>®</sup> motion sensor in Thinker Connect Plus has a built-in mechanism to switch the tracked bandwidth of light between visible & IR mode. This enables instant scanning of the surface of interest and starts automatic calibration, which completes in less than 10 seconds.

## Pixel-Touch Interactivity

Experience high-precision writing with multi-touch capability on the digital canvas. Thinker Connect Plus delivers the highest touch precision writing experience on the digital canvas, with touch accuracy of  $\pm 2$ px. The high-precision series with palm rejection gives a real-time marker on board like experience.

## Multi-user Collaboration

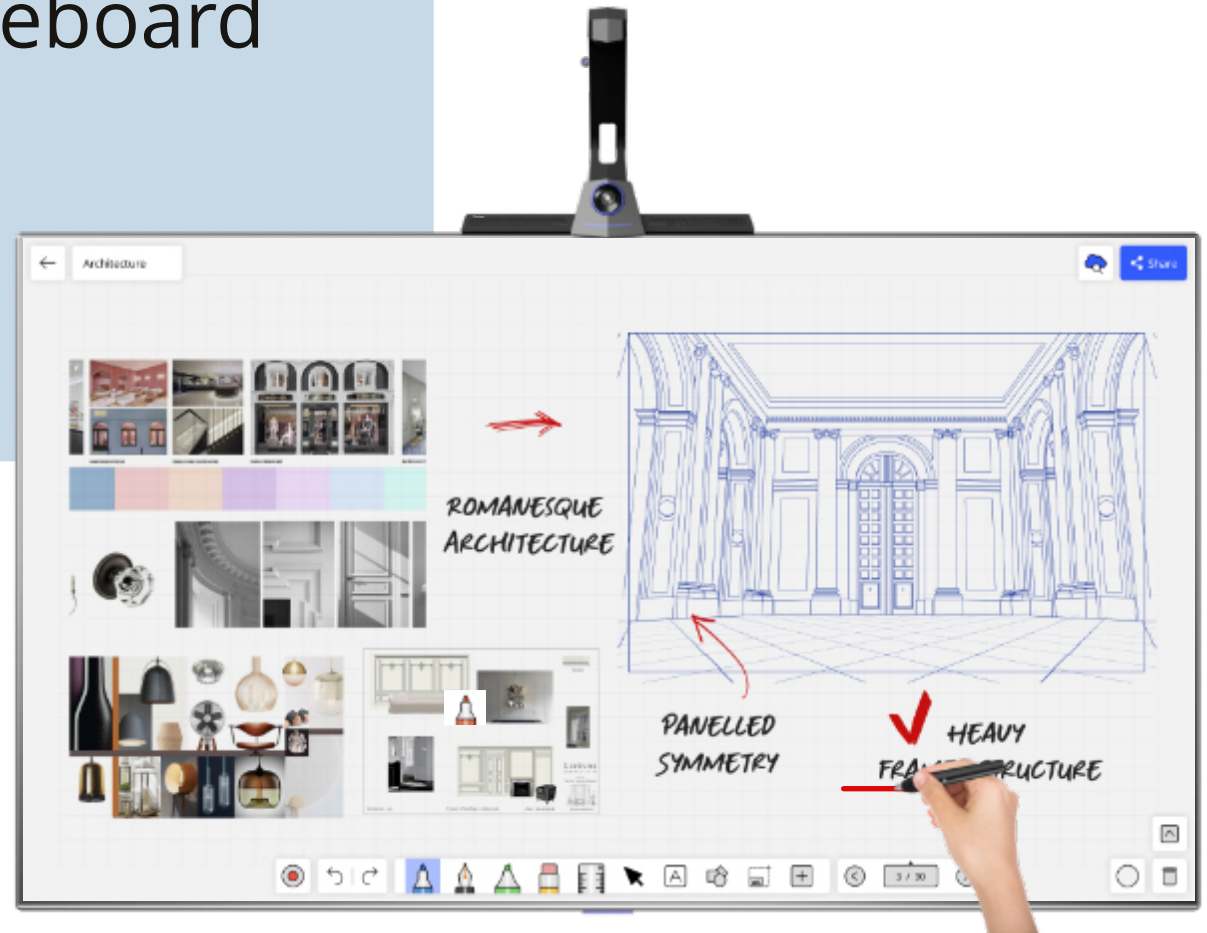
Sketch your ideas over an infinite canvas that supports up to 255 multi-touch points at a time, enabling team to Ideate and collaborate together during any brainstorming or creative discussions.

# AiCanvas: Online Collaboration Whiteboard

Brainstorm and ideate on an infinite interactive whiteboard that allows teams to collaborate and present their ideas through an array of smart tools and online content resources.

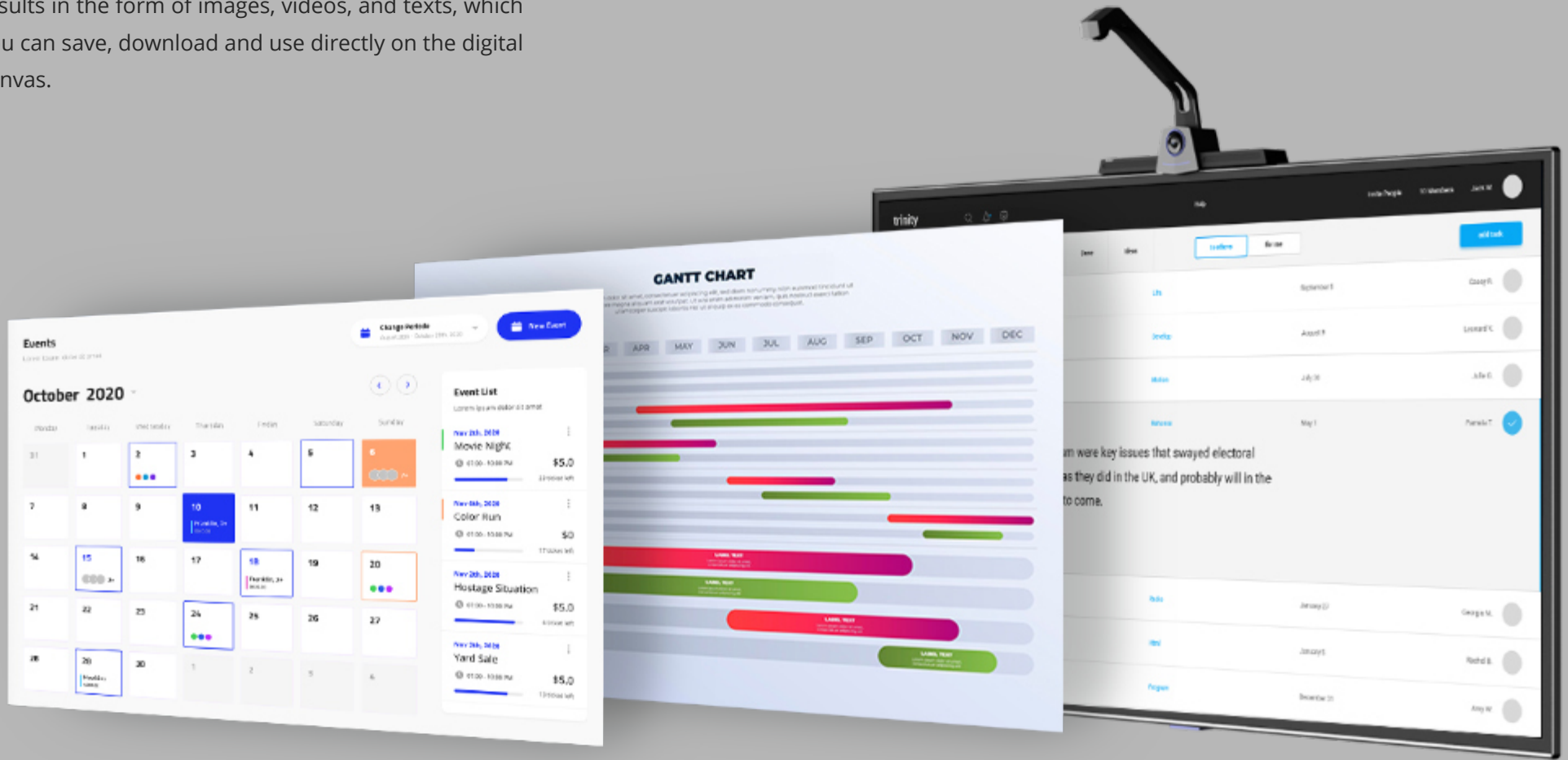
## Smart Tools

Right from writing and highlighting in digital ink using different pen tools, converting handwritten texts in digital content, unlimited pages with an option of changing background, undo and redo, curtain and spotlight; smart tools assist participants in the best way possible to present their ideas.



## Access to unlimited templates

Want to pull out a sample Gantt chart or a business process improvement plan from the web? Enter your search query on MyCloud and get the most relevant results in the form of images, videos, and texts, which you can save, download and use directly on the digital canvas.





## Join whiteboard from anywhere

Even remote participants can add their ideas and stay engaged with the discussion. They can join the whiteboard by scanning a simple QR code or entering whiteboard access code.

SAVE & SHARE



## PAGINATION



## Easy Sharing

By quickly scanning the QR Code, users will be able to download the discussion in the form of a PDF file on their own devices. Moreover, remote participants can use Global access code to download the discussion.

## Front Intelligent Camera: For Video Conferencing

In-built ultra-wide 1080p Camera that gives a wide view of the meeting room to its in-house and remote participants.

Its ultra-wide angle delivers an immersive video in the meeting room, marking everyone's presence with HD video and audio. This USB powered device is highly compatible with every meeting room size, from huddle room, medium size to big sized meeting room.

The AI-enabled wide-angle camera understands the environment and responds to it in real-time.



**110° Camera**  
Covers Everyone in the Room





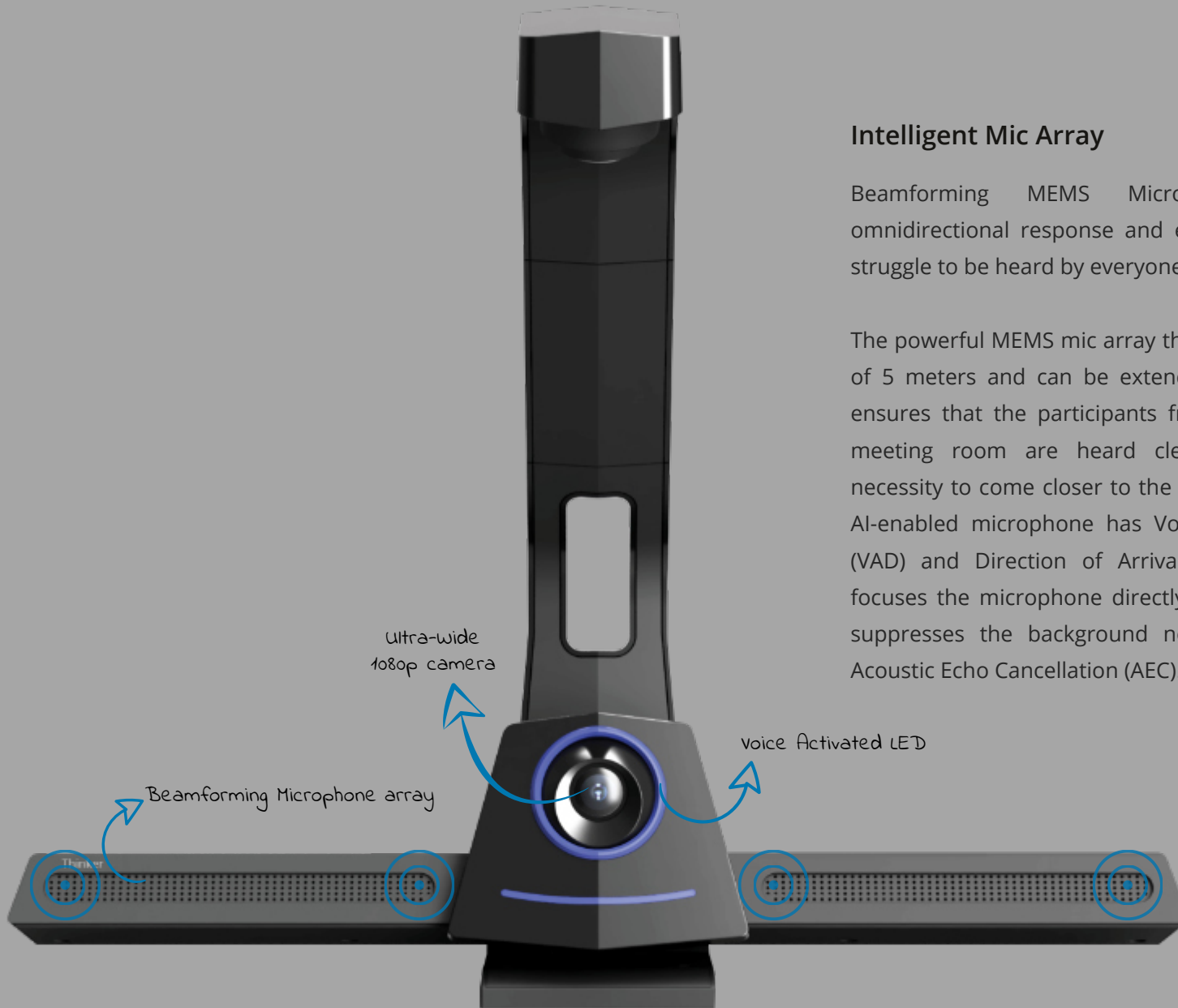
**Magic Framing** – AiLens detects the people and automatically frames them at the best position possible.

The smart camera detects people walking into the room. It recognizes facial features and focuses on the people in a meeting room. It automatically frames only the sector of that room that is occupied. The lens zooms in and out whenever it senses motion to adjust the frame accordingly. The transitions are perfectly fluid, delivering a natural video meeting experience. The footage captured is therefore crisp and of high quality.

## Intelligent Mic Array

Beamforming MEMS Microphone gives an omnidirectional response and ends the participants' struggle to be heard by everyone.

The powerful MEMS mic array that has a pickup range of 5 meters and can be extended up to 20 meters ensures that the participants from anywhere in the meeting room are heard clearly eliminating the necessity to come closer to the mic while talking. The AI-enabled microphone has Voice Activity Detection (VAD) and Direction of Arrival (DOA) feature that focuses the microphone directly on the speaker and suppresses the background noise with Full-duplex Acoustic Echo Cancellation (AEC).





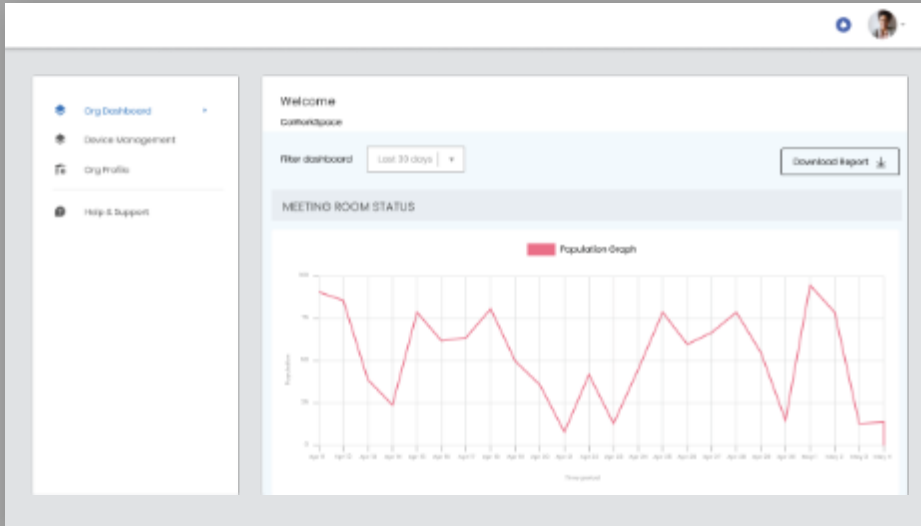
## Background Noise Suppression

# Intelligent Features

## Space Utilization

AiLens gives organizations crucial insights into how their meeting spaces are being used.

With the AiLens algorithm, every time a meeting is conducted, the camera calculates the number of people attending the meeting. It determines the floor space utilized by employees to make efficient use of the infrastructure. This feature provides information on the number of people who have come in contact during the meeting.



## Meeting Availability Dashboard\*

This feature of Thinker allows the employees to check if the meeting room is really occupied or not.

This functionality helps the employees to check the real-time availability status of the meeting rooms from their desk or from anywhere. The usage of the device in the room is also captured. Last minute extensions and cancellations of meetings can also be updated in seconds. It reduces the time taken to manually check whether the meeting room is free or occupied as most of the times despite booking the meeting room in advance, people might not use it.

The screenshot shows a dashboard titled 'Device management' with a table listing devices. The table has columns for Name, Last Sync, Device Status, Space Utilization Status, and Action.

Name	Last Sync	Device Status	Space Utilization Status	Action
Device 6A	1:57 PM, 29 Oct 2028	Online	Occupied	View > ...
Device 6B	1:57 PM, 29 Oct 2028	Offline	Stalest Unknown	View > ...
Device 6C	1:57 PM, 29 Oct 2028	Offline	Stalest Unknown	View > ...
Device 7A	1:57 PM, 29 Oct 2028	Online	Occupied	View > ...
Device 7B	1:57 PM, 29 Oct 2028	Online	Unoccupied	View > ...
Device 7C	1:57 PM, 29 Oct 2028	Online	Occupied	View > ...
Device 8A	1:57 PM, 29 Oct 2028	Online	Occupied	View > ...
Device 8B	1:57 PM, 29 Oct 2028	Offline	Stalest Unknown	View > ...
Device 10A	1:57 PM, 29 Oct 2028	Online	Unoccupied	View > ...

\*This functionality works only with Dedicated PC setup and when the camera is not being used in remote meeting apps.

# Huddle Rooms

With the open office environment, most of the meetings are happening in a small space, occupying minimal space, and integrated with high-end technologies to start the discussion without any setup.

The sophisticated design and intelligent features of Thinker Connect Plus make it a perfect solution for huddle spaces, ensuring the productivity out of every discussion.

Thinker Connect Plus is a retrofit solution for any standard display that is easy to integrate into any set up without bothering about connecting cables. Replacing the need for many devices in the huddle room, Thinker Connect Plus turns out to be a cost-effective solution.



# Meeting Rooms

Big Team? No worries. Thinker Connect Plus is also the best fit for the meetings with more participants.

Thinker Connect Plus brings together bigger teams that generally collaborate on larger displays - usually 65" or 75" size for video conferencing, ideation or presentation. Even, teams can co-annotate together over the shared screen from their own devices.





# Thinker Connect Plus Specifications

Interactive Camera (Touchscreen experience)	EyeRIS® 3-D Dual-band Optical
Simultaneous Input Points	255#
Accuracy	+/-2px
Display Size Support	32" to 75"
Ambient Light Resistance Technology	830nm +/-20 & 650nm +/-20 dual band tracking technology (Visible and IR bands)
Tracking Speed & Response time	120 FPS (extrapolated upto 200 FPS) & 195 million dots/sec
Calibration Technology	Automatic & Manual Calibration
Stylus Power Requirements	Super-Capacitive technology, No Consumables, 3 minutes charging time via USB
Whiteboard Suite	Built-in AiCanvas with live collaboration
Cross platform support (BYOD)	Windows and macOS
Easy Sharing	Share notes and receive through QR code
Video Conferencing ( Built -in camera )	Full HD 1080p
Camera View Angle	110°
Voice Capture Distance	5m Radius Voice Capture (extendable up to 20m depending on environment conditions)
Facial Tracking*	Yes (Using AiLens software)
Microphone	Mic Array of 4 MEMS Microphones
Integrated Voice DSP Features	4- mic adaptive beam-former Full-duplex Acoustic Echo Cancellation (AEC) with barge-in support (up to 50dB att.) De-reverberation, noise suppression (up to 15dB att.), Automatic Gain Control (AEC) VAD (Voice Activity Detection) and DOA (Direction of Arrival)
Microphone Features	
Wireless Connectivity	Dual Band Wi-Fi (2.4 Ghz & 5 Ghz)
Connectivity	Micro USB, HDMI, USB 2.0, USB 3.0, DC in, Micro SD Card, RJ45, Audio Out
Built-in Storage & Memory	16GB Built-in Storage, 2GB Memory
Processor	ARM 1.4 Ghz Quad Core 64-bit Processor
Accessories (Standard)	Super Capacitive Stylus (2), Micro USB cable, Stylus charging cable (2), Kensington lock
Accessories (Optional)	Cybernetyx® FP65

\* 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.

## 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 machines 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.

## Key Facts About Cybernetyx

**10+**

Years of Innovation

**1,50,000+**

Device Installations

**15,000,000+**

Users Globally

Trusted Interactive Technology Provider for Global OEMs

**NEC**

**SONY®**

**ViewSonic®**

**DELTA**



## Leaders in Perceptual AI Devices and Platforms

Education | Business | Consumer

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