Industry's First Interactive/Touch-enabled

VC Camera Solution with Noise-cancellation Mic Array

Thinker Connect EQ is a perfect productivity solution for meeting rooms, which when clipped on over any standard display or flat panel, turns it into touch interactive and enables video conferencing.

The easiest way to set up a zoom room with interactive whiteboarding capabilities. Thinker Connect turns the meeting room into an agile space and allows remote team to meet and co-annotate together across different devices.

Thinker Connect EQ is the first-of-its-kind solution that offers touch interactivity in video conferencing. Integrated with MeetEQ AI-powered Camera and MeetEQ Acoustically Intelligent Mic Array, Thinker Connect EQ augments the productivity in the meeting room manifold.

Content

Screen **Compatibility**

Thinker Connect EQ is compatible with a wide range of screen sizes varying from 32" up to 75" and supports multiple pixel densities like HD, Full HD, and 4K.

The built-in advance motion tracking sensor automatically calibrates and adapts to different screen sizes.

55"

65"

75"

Retrofit **Solution**

Designed for simplicity and performance, using an easy mount setup, clip Thinker Connect EQ on any standard display or TV and transform it into a collaborative touch interactive whiteboard. The device is compatible with Mac and Windows devices to collaborate seamlessly.

Plug and Play

A plug and play device that gets connected to the PC/laptop via **I/O Micro USB**, allows quick connection without any fumbling with color-coded cables or multiple plugs. It gets fixed on the display through EZ Mounting that is engineered to be strong and durable that does not require any drill or special tools. The Kensington lock in the device firmly places it over the panel. The installation instantly upgrades the standard panel or TV into touch interactive.
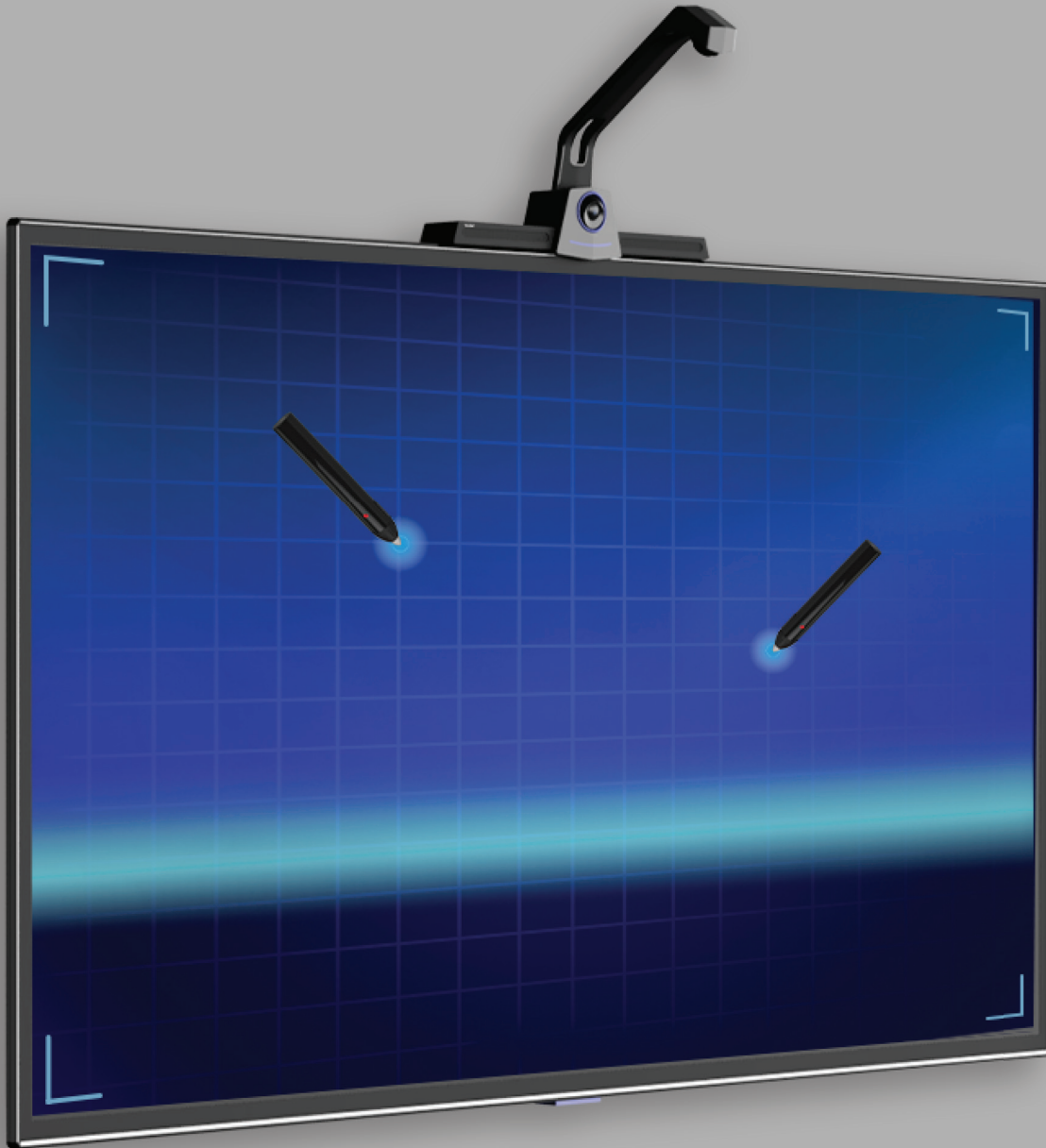
Micro USB port

EZ Mount

Interactive Touch Screen Experience

Using the advance motion-sensing technology of Eye**RIS**®
Sensor, Thinker Connect EQ 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, Eye**RIS**® distinguishes between ambient noise
and Human Input more efficiently than any other
computer interface in the world.

Auto-Calibration

The EyeRIS® motion sensor in Thinker Connect EQ has a built-in mechanism to switch the tracked bandwidth of light into the visible 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 EQ delivers the highest touch precision writing experience on the digital canvas, with touch accuracy of +/-2px. The high-precision series with palm rejection gives a real-time marker on board like experience.
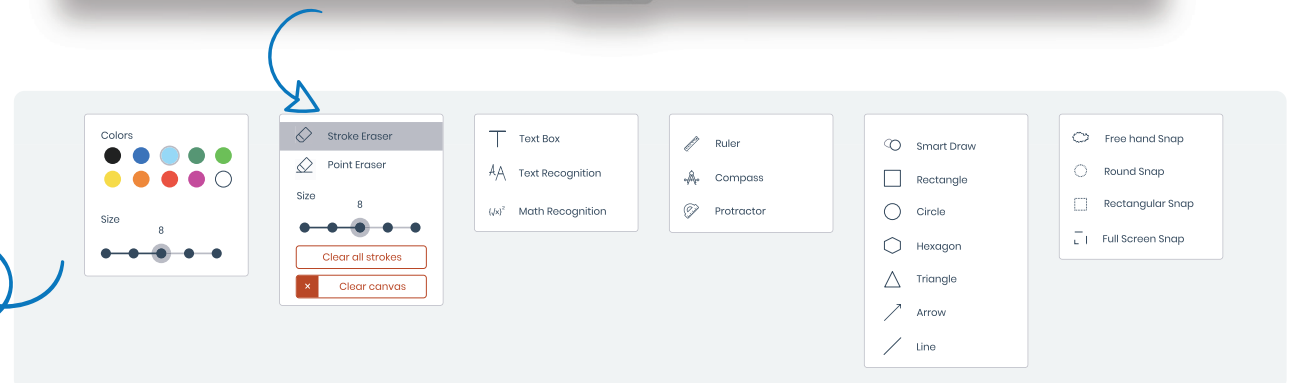
Multi-user Collaboration

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.

Ideate

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, auto shape recognition, 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.

MyCloud - Built-in Search Engine

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.

Built-in Search Engine

MyCloud

Glazing Construction

Glazing Construction

MyCloud

Glazing Construction

MyCloud

My cloud

Images

Reading

Videos

Access to relevant curated images, texts and videos

Auto Pagination

Experience the freedom of not erasing or losing content with whiteboarding software that gives access to unlimited pages on the digital canvas. With pagination, you can easily keep a track of ideation and content discussed during the meeting.
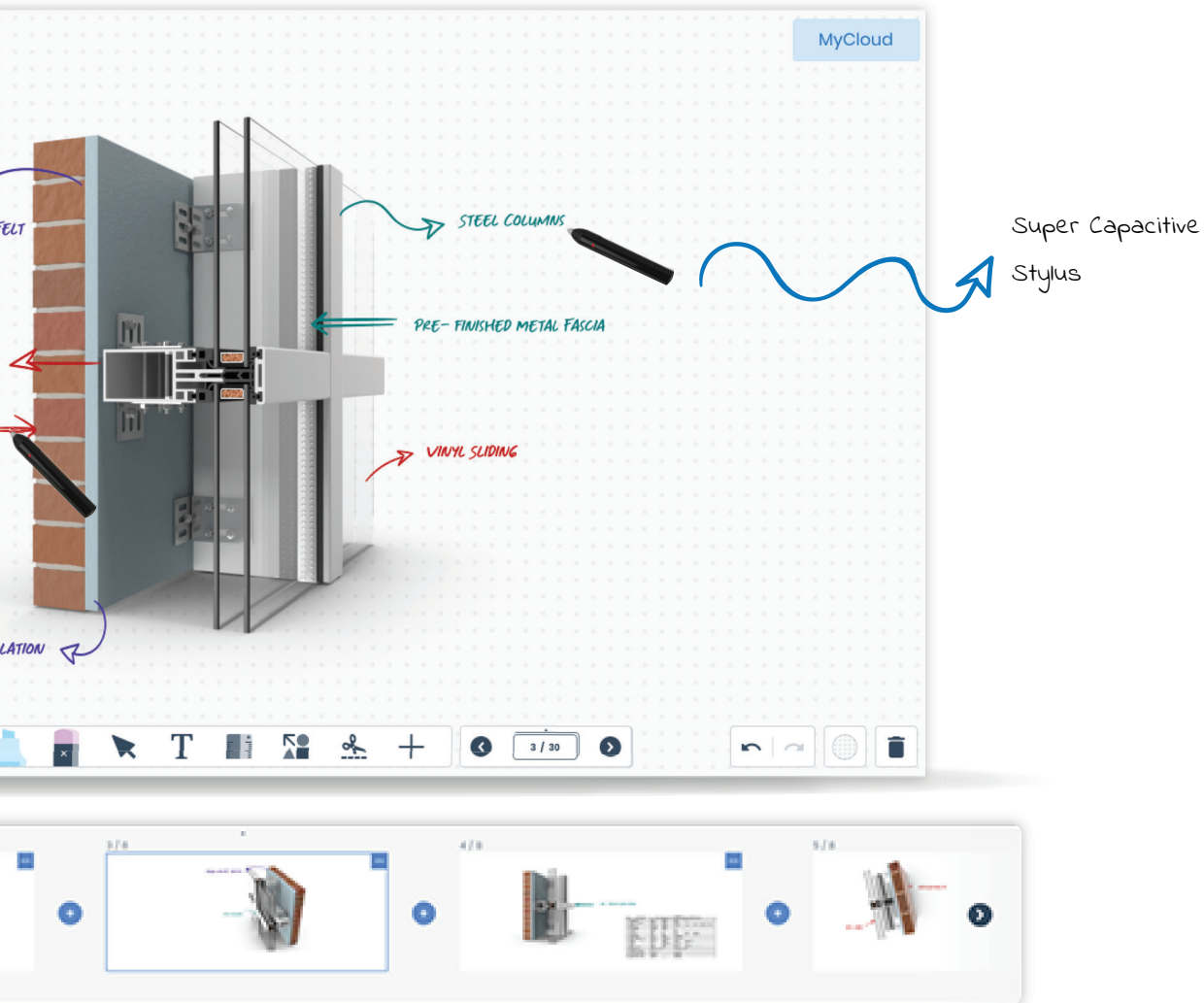
Compatibility & Support

The device is fully compatible with third-party applications. Any application or software running on Windows / Mac can be controlled from the big display with touch functionality.

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.

Share flows

Record, Save and Share

Unlimited Canvas

MyCloud

STEEL COLUMNS

PRE- FINISHED METAL FASCIA

VINYL SLIDING

Super Capacitive
Stylus

3 / 30

Super Capacitive Stylus

The sleek and ergonomic stylus that comes with Thinker Connect EQ fits in the hand like a pen, and ensures ultra-smooth writing. Powered by a supercapacitor, it works without batteries. It can be fully charged within 3 minutes and gives usage time for up to 3 hours. It can be charged for over a million times with no recurring cost of replacing batteries.

Video
Conferencing

The AI-powered wide-angle camera captures the video without any distortion so that everyone can be seen clearly, even in the small huddle space while the rolling shutter takes quick and crisp movement and produces the images in precisely tuned optics.

The acoustic intelligent quad MEMS beamforming mic array delivers the highest quality of sound. The Acoustic Echo Cancellation (AEC) suppresses the background noise while focusing directly on the speaker.

Thinker Connect EQ is highly compatible with all the major collaboration tools like Zoom, Google Hangout, Teams, and Skype for Business.

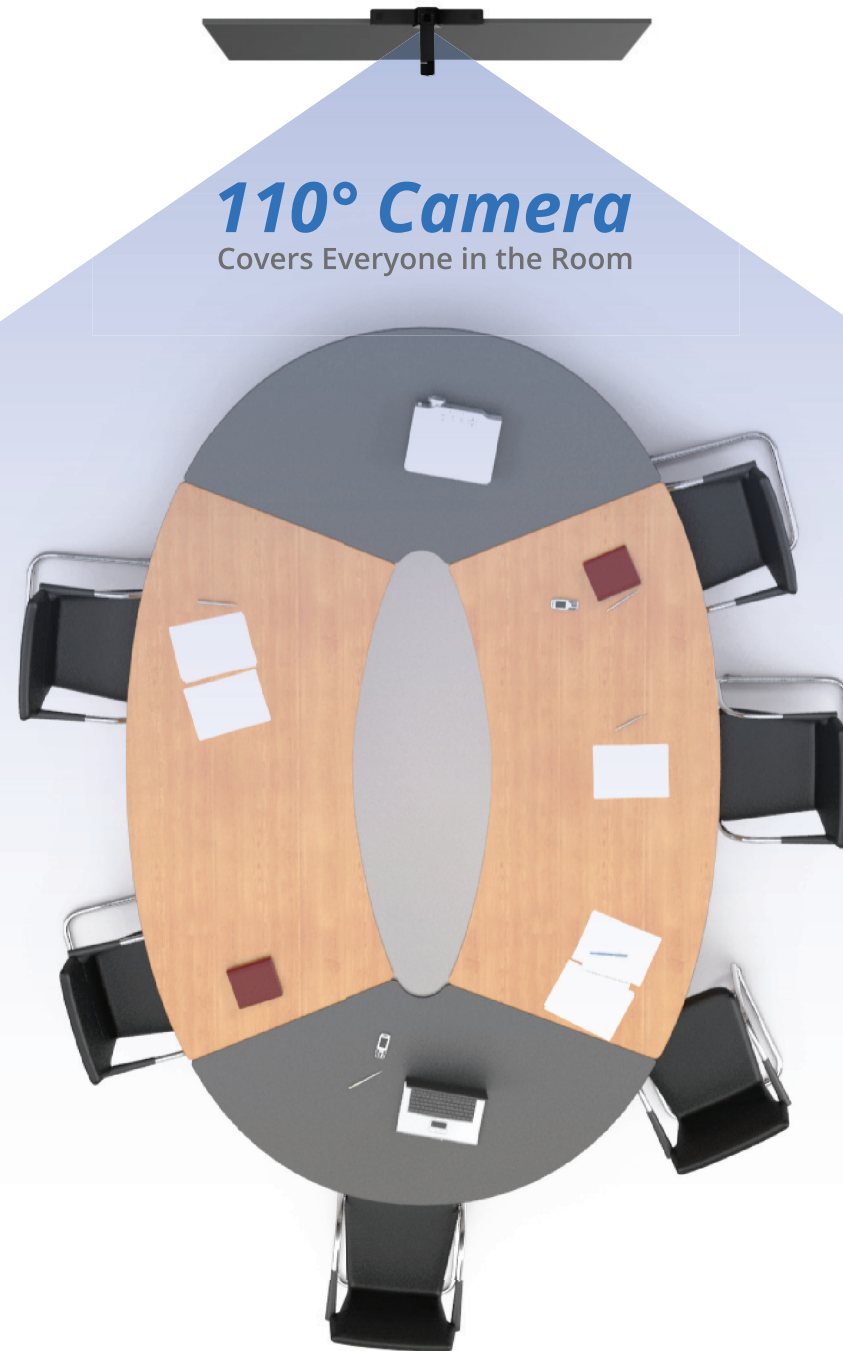zoom Google Hangouts Microsoft Teams S Skype

CYBERNETYX

MeetEQ Camera

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.
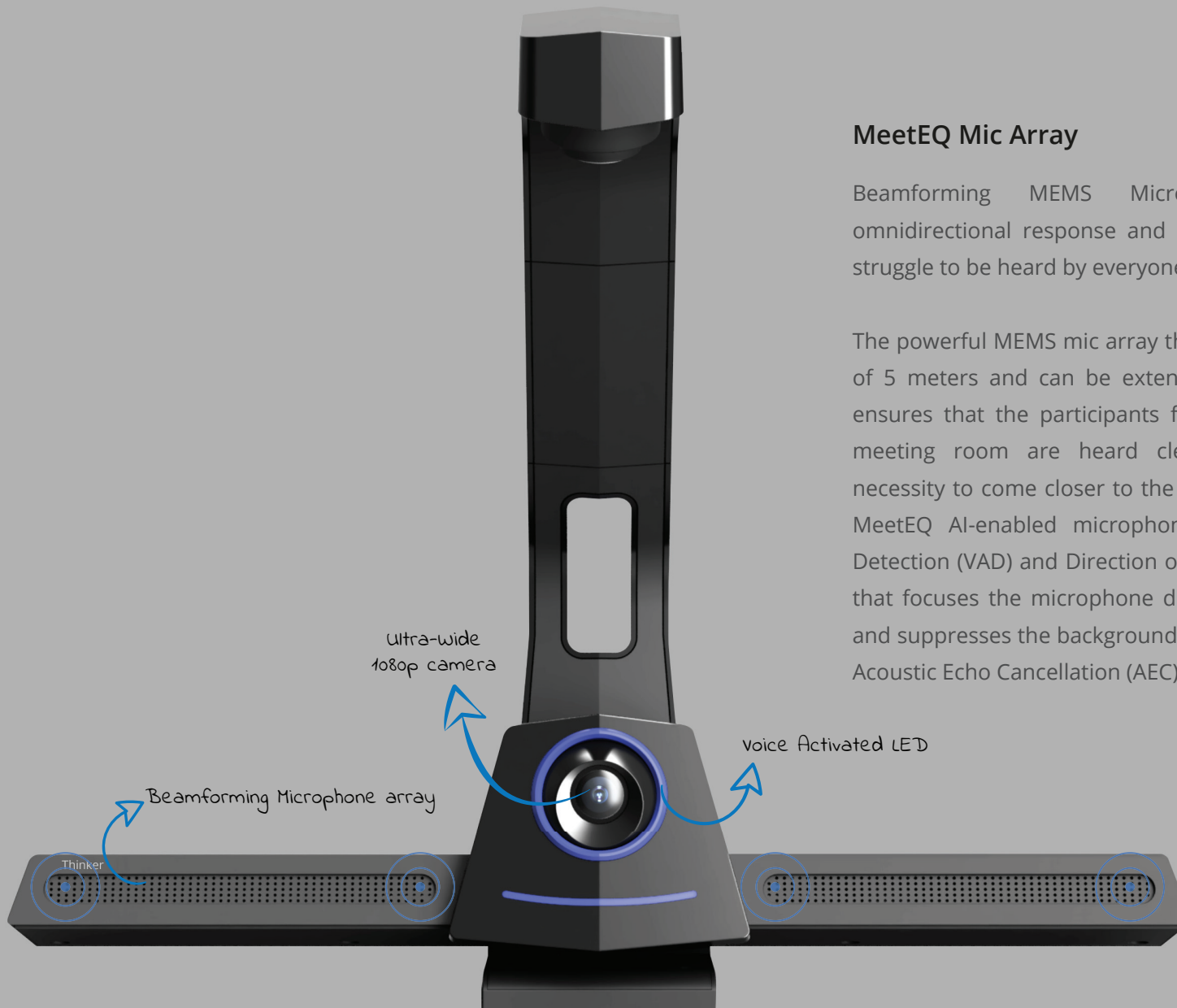
The MeetEQ AI-enabled wide-angle camera understands the environment and responds to it in real-time. It delivers intelligent viewing capabilities such as tagging the participants and auto-framing the speaker and keeping a record for actionable insights.

110° Camera
Covers Everyone in the Room

Ultra-wide
1080p camera

Voice Activated LED

Beamforming Microphone array

Thinker

MeetEQ 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 MeetEQ 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).

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 EQ make it a perfect solution for huddle spaces, ensuring the productivity out of every discussion.

Thinker Connect EQ 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 EQ turns out to be a cost-effective solution.

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Meeting
Rooms

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

Thinker Connect EQ 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.

Accessories (Optional)

BoardScan

The world's most unique whiteboard camera that transforms any whiteboard into an online collaboration place by digitising its content. Capture the real-time view of whiteboard with proprietary embedded video processing technology that scans and extracts the content written on whiteboard, removes distortion, shadows, people and objects in front of whiteboard before transmitting a lucid image to any computing device.

Cybernetyx® FP65

Add an aesthetic appeal to your meeting room with Cybernetyx® Flat Panel, which has a sleek and compact premium display that looks as good as it performs. It is optimized for heavy usage and blends easily with any dynamic workspaces and enables the team to collaborate on 4K UHD resolution with spectacular viewing experiences. This gen-next smart display features anti-glare coating and highly durable Mohs-7 toughened glass to withstand any scratch.

Thinker Connect EQ 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 (can be extended 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	Flow (Windows, Mac)
Cross platform support (BYOD)	Windows and macOS
Easy Sharing	Share notes 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
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)
Microphone Features	VAD (Voice Activity Detection) and DOA (Direction of Arrival)
Connectivity	I/O Micro USB
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.

Optional Accessory Specifications

Cybernetyx® FP65

Diagonal Size	65"
Type	LED 60Hz
Resolution	3840 x 2160
Brightness	220 (with glass)
Contrast	upto 5000:1
Viewing Angle (H/V)	H:≥70°, V:≥60°
Speaker Type	Built-in Speaker (10W x 2)
Connectivity	I/O HDMI (3), USB 2.0(2), Micro SD, AV Input, RF, YPbPr, VGA+Audio, AV Output, RJ45, Digital audio Output
Power Supply	AC 220V / 50Hz
Power Consumption Typical	60W
Power Consumption Standby	≤0.5W
Accessories (Standard)	Wall mount, Mounting screws, Remote

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 Eye**RIS**® 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**® **ΔELTΔ**

CYBERNETYX ®

Leaders in Perceptual AI Devices and Platforms

Education | Business | Consumer

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