

Cynap Videobar System



All-in-one hybrid meeting room AV solution

Cynap Videobar: Wireless presentation, web conferencing & collaboration

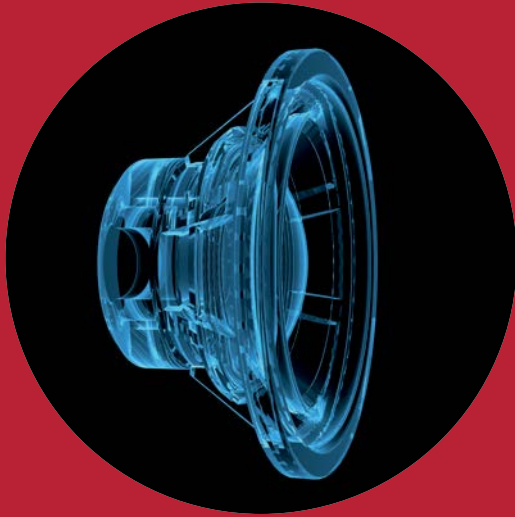


The Cynap Videobar is an all-in-one wireless presentation, web conferencing and collaboration system for meeting rooms. It combines award-winning Cynap wireless screen sharing technology together with a high-quality web conferencing camera, built-in speaker system, and microphone, to provide a single, high-performance, multi-functional AV system. It offers plug-and-play integration, and is suitable for use in small or medium-sized meeting rooms and huddle spaces.

We've partnered with leading German audio specialist Fohhn, to incorporate a high-quality speaker system into the Cynap Videobar. Exceptionally natural speech is reproduced throughout the entire room, and extended low frequency reproduction also ensures outstanding sound quality when playing media files or music. It is the ideal all-in-one AV solution to enhance both room-based and hybrid meeting environments.



Cynap Videobar: Where clarity meets collaboration



High performance speaker system by Fohhn

Our superb speaker system by Fohhn ensures that remote participants are clearly heard in the meeting room, providing a sense of presence and allowing for equal participation.

This is crucial in hybrid meetings where ensuring that remote voices are as prominent and clear as in-room voices helps in maintaining true collaborative equity and engagement among all participants.

WolfVision imaging technology for crystal clear, tack sharp video

WolfVision is world-renowned for its impressive camera technology, and the Cynap Videobar is no exception - it's equipped with a new 4K UHD AI camera with auto-framing, delivering crystal clear on-screen video, for an outstanding hybrid meeting experience for everybody.



Outstanding beamforming microphone array with WolfVision Advanced Voice-Processing Engine

With a pick-up range of up to 5 metres, an adaptive beamforming microphone array with noise suppression, automatic gain control and acoustic echo cancellation, together with the WolfVision Advanced Voice-Processing Engine (WAVE), ensure unrivalled sound pickup and reproduction.

BYOM web meetings: Use any conferencing service you like

Any web conferencing service can be used, and meeting hosts simply use their own laptop running our vSolution App to connect wirelessly to the videobar, and then start or join web meetings directly from their own device. It's really easy to use, and all in-room AV equipment is controlled using a single app.



Supporting our changing workplace!

Whiteboarding & Annotation tools



Add to your content material using our annotation feature - or use the built-in whiteboard to note down your ideas. Pin material such as output from a connected camera or Visualizer to the screen, or use the mind map function for a superb collaborative experience.

4K UHD output resolution



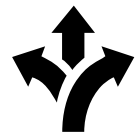
4K UHD output resolution at 60 frames per second ensures that on-screen content from any device always looks superb, and the innovative touchback feature gives you latency-free remote control of your laptop while working at the main screen.

Enterprise level security



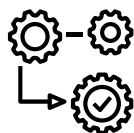
Network security is a key consideration, and our custom-built, closed, Linux system offers 100% wireless data encryption, IEEE802.1x authentication, plus customisable security features to give you exactly the level of protection you require.

Professional integration



The Cynap Videobar can be set up and used immediately. Settings are easy to configure, and customisable room control API modules are available to ensure professional integration, whatever your requirements.

Remote management & administration



vSolution Link Pro software is supplied free of charge, facilitating easy remote setup, monitoring, management, and updating of multiple systems across multiple locations.

Built-in wireless screen sharing!



Cynap BYOD wireless presentation technology supports AirPlay, Miracast, and Chromecast for quick and easy connection and sharing of content, both locally, and into web conferences from any laptop, smartphone or tablet.

Live Viewer Mode



Encourage collaborative working and learning using the unique browser-based Live Viewer Mode, which enables multiple users to receive on-screen content wirelessly from the main display onto their own personal devices for easy viewing.

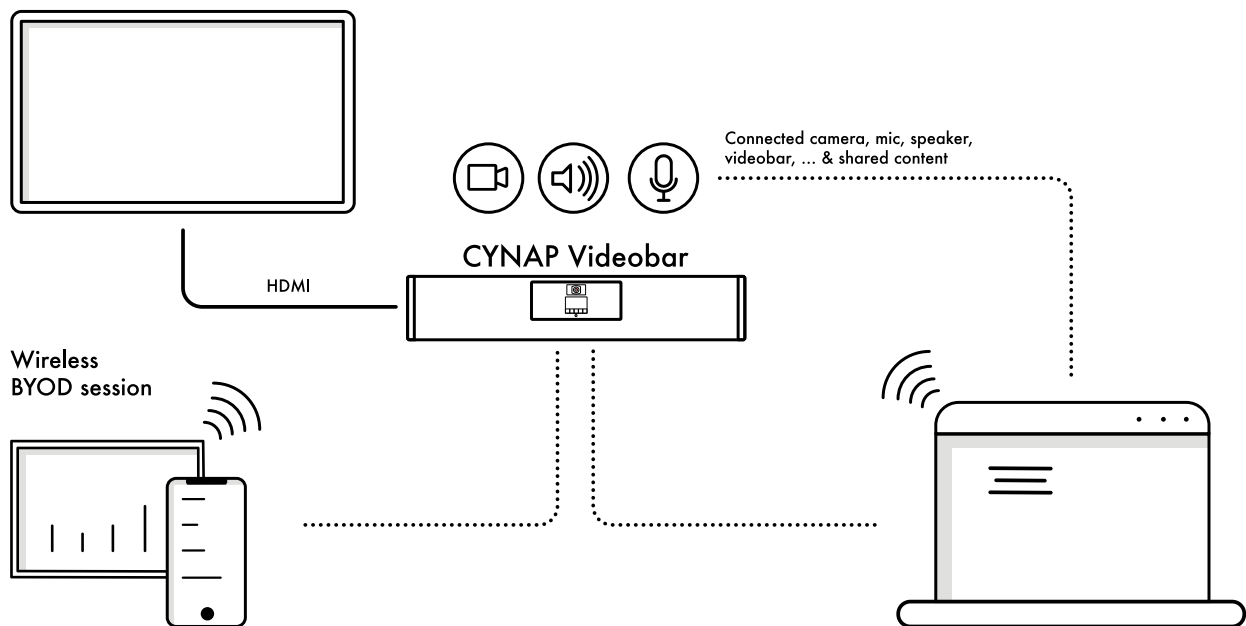
Digital signage player



The screensaver can display user-defined content either from a web URL, or locally stored HTML code. It's really easy to display additional content such as a welcome message and meeting agenda in a conference room, or a set of instructions in a classroom.

The all-in-one BYOM advantage

Take your hybrid meeting room solution to the next level



Guests in the meeting can easily share their content onscreen for all in-room and remote participants to view.

Your meetings the way you want!



Use your own laptop to run a video conference by connecting wirelessly to the Cynap Videobar. This ensures a productive, familiar working environment, and the installed in-room equipment delivers a professional high-quality hybrid meeting.

Maximum system Compatibility



Ensure compatibility across all components using our all-in-one Cynap Videobar. Eliminate the need for multiple USB-C connections, and opt for efficient installation that gets your meeting room operational faster, is easier to administer.

Platform-agnostic web conferencing



In contrast to some solutions, our all-in-one 'bring your own meeting' solution gives you the flexibility to use any conferencing platform you want without introducing restrictions in overall functionality.

Supporting collaborative equity!



The Cynap Videobar impresses with its integrated screen mirroring capability that makes it simple for content from any laptop, smartphone or tablet PC in the room to be shared with both local and remote meeting participants.

Technical specifications

Features

Cynap Videobar

Operating system	Linux
Camera	8MP 4K camera, 110° FOV, auto-framing
Output resolution	2160p30, 1080p60/30, 720p
Microphones	Microphone Array with 4x MEMS microphones, WolfVision Advanced Voice-Processing Engine (WAVE) Polar pattern: Active Beamforming, Pickup range (25dBA noise floor): <5m SNR (@ 1kHz, 94 dBSPL, A-Weighted): < -96 dBA / Maximum SPL (@ 1kHz, THD = 10%): 130 dBSPL Target output level: - 30 dBFS / Microphone data rate: 16 kHz, 16 bit
Loudspeakers (by Fohhn)	2 x 70W, 2 x 4" chassis, with coaxial high frequency diffraction waveguide and bass-reflex port, nominal bandwidth: 58Hz - 16KHz (-10dB), rated maximum SPL (@1m): 103db, sampling rate: 45KHz / 24Bit, SNR (Signal-to-noise ratio): >110dB, THD (1KHz, 6dB below clipping): 0.02%
EQ adjustment for room optimisation	Yes
BYOM (Bring Your Own Meeting) web conferencing	Yes
Supported devices for wireless screen sharing (Up to 4K depending on device)	iOS, iPadOS, Android, Windows, macOS, Chrome OS
Supported screen mirroring protocols	AirPlay, Miracast, Chromecast, vSolution Cast
Max. no. of onscreen windows	4
Touchback functionality	Yes, for Windows (Miracast & vSolution Cast), macOS via vSolution App
Presentation modes	Protected Mode, Open Mode
Whiteboard and annotation	Yes
Digital signage function and screensaver	Yes
vSolution Link Pro software for remote management & firmware updates	Yes, Cloud and on premise
Live Viewer Mode (browser-based live view of onscreen content on own device)	Yes
Bluetooth device discovery	Yes
Wi-Fi standards (Wi-Fi 5)	2.4 GHz in Access Point Mode / 2.4 and 5 GHz in Infrastructure Mode
Network protocols	TCP/IP, HTTP, HTTPS, SNTP/NTP, SSL, SSH, UDP
IP configuration	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Proxy, Interface priority
Security authentication for LAN / Security encryption for wireless WLAN	IEEE 802.1X / WEP, WPA2, WPA2 Enterprise or IEEE 802.1X
External controlling	Multi-touch display, web interface, room control system, keyboard/mouse, vSolution App
Peripheral device control	Yes
Inputs / Outputs	HDMI Out x1, USB-A 2.0 x1; USB-C 3.0 x1, LAN port x1
Audio Inputs / Audio Outputs	3.5mm Line In (Impedance: 15KOhm) ; 3.5mm Line Out (Output Impedance: <1Ohm, Minimum Load Impedance: 16 Ohm), HDMI Out
Free firmware updates	Yes
Dimensions in operation (L x W x H)	782 x 92 x 147 mm (30.79 x 3.62 x 5.79")
Weight	7kg (15.43lb)
Power consumption	Max 100W
Included accessories	Power supply, wall mount
Optional accessories	Optional remote control
Free firmware updates	Yes
Limited Warranty	3 years (optional warranty extension up to 5 years)
Made in	EU Austria & Germany

Design and specifications subject to change! | Printed in Germany, December 2024

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