WOLFVISION®

Driving Knowledge Creation

vSolution Cynap Pro
Wireless presentation, web conferencing & collaboration

Collaborative working & learning – In-person, remote and hybrid

Cynap Pro is a wireless presentation, web conferencing and collaboration system, providing wireless screen sharing for all iOS, Android, Windows, macOS, and Chrome OS devices, together with a unique set of web conferencing and collaboration tools.

The ideal centrepiece for modern classrooms, meeting spaces and courtrooms, this easy-to-use, all-in-one, AV appliance includes the new Cynap multi-platform web conferencing solution, which runs directly on a Cynap. It is designed to solve the issues most commonly experienced with BYOM web conferencing systems.

Zoom, Microsoft Teams and other web conferencing sessions all benefit from the seamless inclusion of multi-screen content from Microsoft 365, the built-in media player, web browser, or whiteboard, ensuring an outstanding, flexible, consistent, collaborative working experience for all – whether participants are in-person, remote-located, or a hybrid combination of both.

Cynap Pro also acts as the 'main station' for our popular vSolution MATRIX AV over IP multi-screen collaboration solution.

Driving Knowledge Creation.

Our Vision

When you've got something to say, we believe it is important that getting your message across and making an impact should be as easy as possible.

Our aim is to help you to explain it better, to give you the freedom to share your knowledge and collaborate with others - however you want, and whenever you want, when your audience is in the same room or on the other side of the world.

**Because knowledge matters -
to all of us.**

System advantages

No apps, no dongles, no cables, no hassle!

Support for AirPlay, Miracast, and Chromecast screen mirroring means no apps, buttons, dongles or extra software are needed when sharing content on-screen from any smartphone, laptop or tablet.
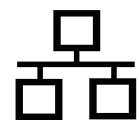
Best of both worlds connectivity!

Multi-source wireless screen sharing makes working together easier than ever before. For classroom, meeting space or courtroom installations that require additional connectivity options, two HDMI In ports, are also included, ideal for connecting an in-room PC, Visualizer or camera, etc.

Webcasting: Efficient knowledge sharing

Stream content easily for live or on-demand viewing. Additionally, students or work colleagues on the same network as the presenter can receive and record a stream of on-screen content on their own mobile devices.
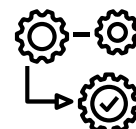
Implementation advantages

The ability to configure three separate networks (ie. BYOD WiFi, control and admin, and internet service, offers significant advantages when planning your working and learning environments.

Display & share your files easily

Share your data on-screen easily from connected network drives, mobile devices or by using the Microsoft 365 interface. Even your laptop is no longer essential – simply bring your content on a USB stick, or download it directly from the cloud!
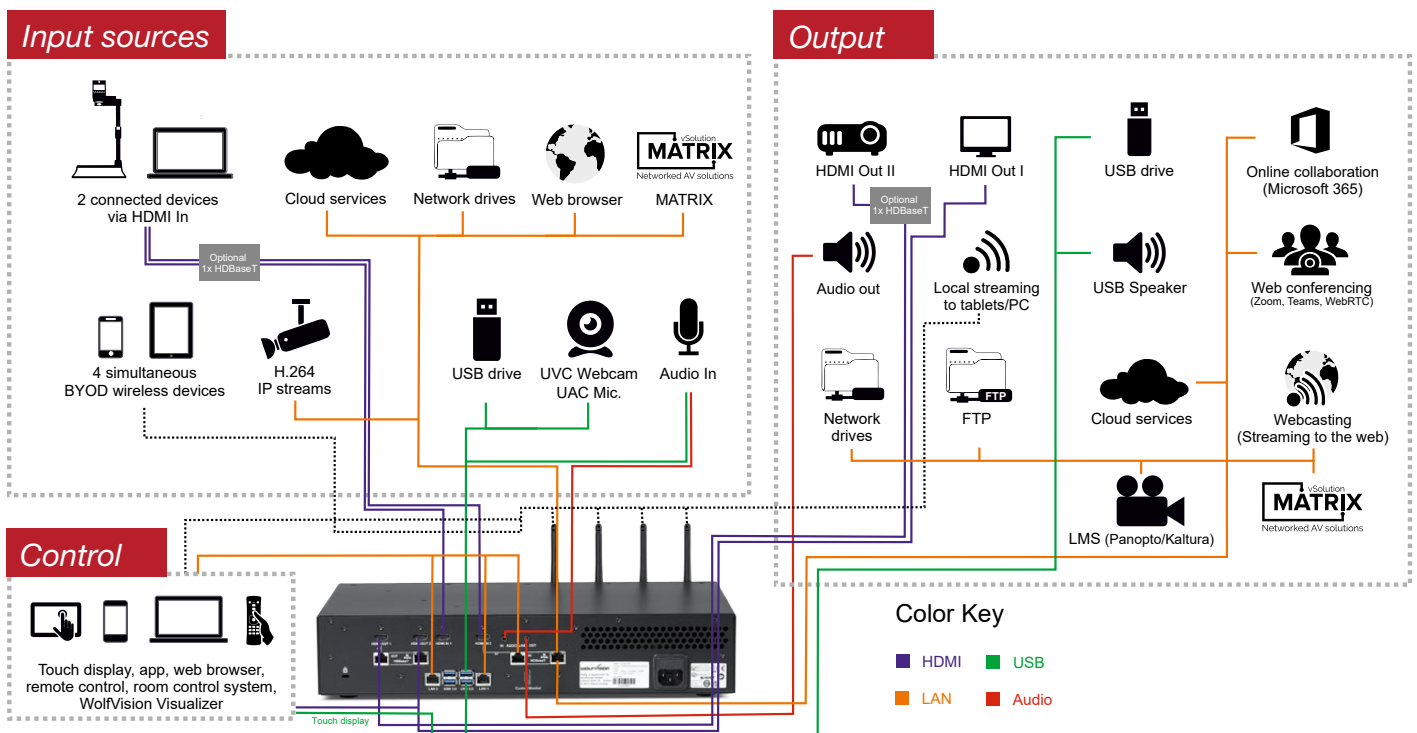
Remote management & administration

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

Flexible connectivity options

Input sources

2 connected devices via HDMI In

Cloud services

Network drives

Web browser

MATRIX
vSolution
Networked AV solutions

Optional 1x HDBaseT

4 simultaneous BYOD wireless devices

H.264 IP streams

USB drive

UVC Webcam UAC Mic.

Audio In

Output

HDMI Out II

HDMI Out I

Optional 1x HDBaseT

USB drive

Online collaboration (Microsoft 365)

Audio out

Local streaming to tablets/PC

USB Speaker

Web conferencing (Zoom, Teams, WebRTC)

Network drives

FTP

Cloud services

Webcasting (Streaming to the web)

LMS (Panopto/Kaltura)

MATRIX
vSolution
Networked AV solutions

Control

Touch display, app, web browser, remote control, room control system, WolfVision Visualizer

Touch display

Color Key

HDMI

USB

LAN

Audio

Staying connected in the hybrid world

Multi-platform web conferencing

Cynap Pro's multi-platform web conferencing solution runs directly on the device itself, and is designed to solve many of the issues most commonly experienced with BYOM web conferencing systems.

Complex multi-step setup, and bandwidth issues are eliminated, and Zoom, MS Teams or WebRTC-based wireless conferencing sessions are easily star-ted and controlled, using a simple workflow, from a touchscreen, or any laptop, smartphone, or tablet.

Web conferencing sessions benefit from the easy inclusion of content from Microsoft 365, the built-in media player, web browser, or whiteboard, en-suring a flexible, consistent, hybrid working and learning working experience for all participants.

WebRTC ZOOM Tii

Flexible collaboration!

Microsoft 365 integration

Use your active Microsoft 365 account to log in and collaborate together on documents directly via Cynap Pro. Content from Word, PowerPoint, Excel, Outlook, Microsoft Teams, and OneNote can be easily combined with other multi-source materials on-screen using Cynap Pro.

Whiteboard and annotation

Highlight your content material using our easy-to-use annotation features, or add your own handwritten content using the built-in digital whiteboard. The whiteboard includes a collection of easy-to-use writing and drawing tools. It also includes a mind map feature, and the ability to pin content from a connected Visualizer or camera to the screen.

Capture your on-screen content

Easily record on-screen content locally together with video from a connected room camera, or use Cynap Pro as as a capture device for Panopto, and other compatible video management platforms.

Panopto

Technical specifications

Operating system	Linux
Output resolution	2160p60, 2160p30, 1080p60
Supported devices for mirroring (up to 4K depending on device)	iOS, iPadOS, Android, Windows, macOS, Chrome OS
Supported mirroring protocols	AirPlay, Miracast, Chromecast, vSolution Cast
Bluetooth device discovery	Yes (device discovery for environments where Bonjour/mDNS is disabled)
Touchback functionality	Yes, for Windows devices (Miracast & vSolution Cast)
vSolution MATRIX compatible	Yes (main station via optional feature pack, or client)
vSolution Link Pro software for remote management	Yes, Included for Windows 10, Windows Server (2012R2, 2016), Windows Web Server, macOS
Media Player: Supported image file formats	GIF, JPEG, BMP, PNG
Media Player: Supported document file formats	PDF, Word, PowerPoint, Excel, Text, HTML
Media Player: Supported video file formats	AVI, WMV, MOV, MP4, DivX, MKV, M4V, OGV
Media Player: Supported audio file formats	MP3, WMA, MKA, OGA, OGG
Digital signage player	Yes
Max. no. of on-screen windows	4
Dual screen function	Yes
Local streaming	Yes (Unicast/ Multicast), RTP, RTSP
Webcasting to Wowza, YouTube, Facebook, and others	Yes
Local video recording	Yes, selectable up to 1080pFHD, 30fps, .mp4 file format
Capture Agent	Yes, for Panopto, & other compatible video management platforms
Cloud services	Yes, Google Drive, Dropbox, Box, Jianguoyun, OneDrive, WebDAV
Microsoft 365 integration	Yes (current Microsoft 365 account required)
Access to network drives	Yes
Whiteboard and annotation	Yes
Protected/Open presentation modes	Yes
Web conferencing support	Zoom, Microsoft Teams, WebRTC
Encrypt and save personal user settings	Yes, save onto USB stick
Integrated web browser	Yes, with customisable homepage, bookmarks and screensaver
Customisable background image	Yes
Inputs/Outputs	2x HDMI Out (with HDCP 1.4), 1x HDMI Out for control monitor (future use), 2x HDMI In (with HDCP 1.4), Rear: 4x USB 3.0, Front: 2x USB 2.0, Audio via HDMI In/Out, USB In/Out, Line In / Line Out (unbalanced 3.5mm), 2x 1GigE LAN ports. Optional: Additional HDMI In via USB framegrabber (third party)
HDBaseT 1.0 input	Optional x1 (can be used only when HDMI input 2 is not in use)
HDBaseT 1.0 output	Optional x1 (can be used only when HDMI output 1 is not in use)
Wifi standards (Wi-Fi 5)	2.4 and 5 GHz
Network protocols	TCP/IP, FTP, HTTP, HTTPS, SNTP/NTP, SSL, SSH, UDP, LDAP, LDAPS
IP configuration	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Proxy, Interface priority
Security authentication for LAN	IEEE 802.1X
Security encryption for WLAN	WEP, WPA2, WPA2 Enterprise or IEEE 802.1X
RMS encryption	Yes
External controlling	Remote control with gyro sensor function, web interface, Visualizer, multi-touch display, room control system, USB keyboard and mouse
Dimensions (L x W x H) / Weight	428 x 218.7 x 88.2mm (16.85 x 8.6 x 3.47")
Power consumption	Max. 105W
Included accessories	Power cable, antennas, rackmount/table mount kit, voucher for remote control
Limited warranty / Made in	3 years (optional warranty extension up to 5 years) / EU/Austria

Remote control

Design and specifications subject to change! | Printed in Germany, January 2022

More information:

WOLFVISION®
www.wolfvision.com