

# Cynap Pure Systems: Wireless presentation, web conferencing, & collaboration



# Choose your Cynap system!



## CYNAP PURE MINI

### Entry-level wireless screen-sharing

Simple wireless screen sharing from any laptop, smartphone or tablet. This easy-to-use model is perfect for smaller classrooms, meeting rooms and huddle spaces everywhere.



BYOD screen sharing



Touchback function



Enterprise level security



Flexible network integration



Remote management tool



Room management APIs



Peripheral device control



## CYNAP PURE

### BYOD: wireless presentation made easy

Compact wireless BYOM /BYOD presentation system with all the functionality of Cynap Pure Mini plus additional useful features like BYOM web conferencing, whiteboard and annotation, and lots more.



BYOD screen sharing



Touchback function



Enterprise level security



Flexible network integration



Remote management tool



Room management APIs



Peripheral device control



Whiteboard function



Live Viewer Mode



BYOM web conferencing



## CYNAP PURE PRO

### Outstanding BYOD and collaboration

Ideal add-on to existing infrastructure, with all functionality of Cynap Pure, plus some features of our larger Cynap systems. High-performance screen mirroring plus popular collaboration tools.



BYOD screen sharing



Touchback function



Enterprise level security



Flexible network integration



Remote management tool



Room management APIs



Peripheral device control



Whiteboard & Annotation



Live Viewer Mode



Document & Media Player



Integrated web browser



Audio/Video USB input



Microsoft 365 (incl. Teams meetings)



IP stream receive



BYOM/Multi-platform web conferencing



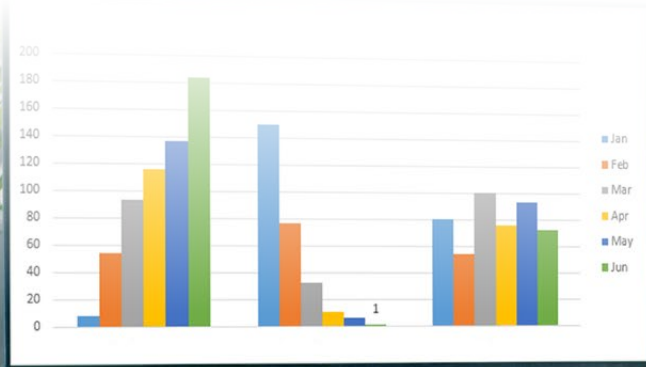
# Cynap Pure Systems: No apps, no buttons, no cables!

When you're looking for a BYOD wireless presentation solution for your organisation – look no further than Cynap Pure Mini, Cynap Pure, or Cynap Pure Pro, the leading solutions for meeting rooms, classrooms and huddle spaces everywhere.



With support for AirPlay, Miracast, and Chromecast screen mirroring, these models deliver best-in-class wireless screen mirroring, and whether you choose the entry-level Cynap Pure Mini, or the Cynap Pure or Cynap Pure Pro models with additional features, such as

whiteboarding, or web conferencing support, you can be sure of crystal clear, 4K UHD resolution, unrivaled ease of use, and a collaborative working and learning experience that is second to none.



## Pure perfection!

- >> Easy to setup, simple to use
- >> Hassle-free screen mirroring for all smartphones, laptops & tablets
- >> No apps, no dongles required
- >> Best-in-class security features
- >> Outstanding hardware performance
- >> Remote administration & management

# Wireless presentation made easy!

## 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



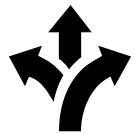
4K UHD output resolution at 60 frames per second ensures that on-screen content from any device always looks superb, and the innovative touchback feature gives you latency-free remote control of your laptop while working at the main screen.

## Enterprise level security



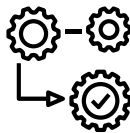
Network security is a key consideration, and our custom-built, closed, Linux system offers 100% wireless data encryption, IEEE802.1x authentication, plus customisable security features to give you exactly the level of protection you require.

## Professional integration



Cynap Pure models can be set up and used immediately. Settings are easy to configure, and customisable/prepared API modules ensure professional integration, whatever your requirements.

## Remote management & administration



vSolution Link Pro is supplied free of charge. It facilitates easy remote setup, monitoring, management, and updating of systems across multiple locations. Cynap Pure units and above can also be remote managed using the cloud-hosted version of vSolution Link Pro.

## Introducing BYOM web conferencing



Available for models, Cynap Pure and above, BYOM (bring your own meeting) web conferencing functionality enables users to host web meetings wirelessly using any conferencing service directly from their own laptop.

## Live Viewer Mode / Moderator Mode



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

Simply toggling the WolfVision vSolution App to BYOM Mode on a laptop enables swift wireless connection to a Cynap, plus any connected camera, microphones, and speaker peripherals already installed in the meeting room.

In Moderator Mode, Cynap Pure, and Cynap Pure Pro allow authorised multiple users to write on a whiteboard, and Cynap Pure Pro also adds the possibility for multiple users to annotate over any open window.

Content is also be shared into the web conference from any other laptop, smartphone or tablet, for a superb collaborative hybrid working and learning experience.



# Cynap Pure Pro: MS 365 integration & Web conferencing

With all the functionality of Cynap Pure Mini and Cynap Pure, plus many of the features of our larger Cynap systems, Cynap Pure Pro provides app-free, button-free wireless screen mirroring, combined with a range of other popular collaboration tools. Meeting rooms, classrooms and huddle spaces can all benefit from the extra features such as Zoom and optional Microsoft Teams multi-platform web conferencing integration, annotation and whiteboard functionality, media player, web browser, and much much more - all operated seamlessly using our award-winning, easy-to-use Cynap GUI.

## Cynap Pure Pro: additional functionality

### Integrated web browser



Display web-based content side by side on-screen, together with your regular presentation materials for incredible flexibility in classrooms or meeting rooms.

### Access your files from any source



Data is shared on-screen easily from cloud, network drives or mobile devices – even laptops are no longer essential – just bring your content on a USB stick, or download directly from the cloud!

### Optional Microsoft 365 feature pack



Access popular Microsoft 365 apps directly from Cynap Pure Pro including Microsoft Teams (active Microsoft 365 account required). Files are easy to open, work on collaboratively, and share with teammates.

### Multi-platform web conferencing!



In addition to BYOM web meeting functionality, Cynap Pure Pro models also offer multi-platform web conferencing, which enables the web conference to run directly on the Cynap device itself, instead of on the meeting host's laptop.

Available for Zoom, MS Teams\* or WebRTC based services, it's a great alternative to BYOM. Wireless conferencing sessions use simple standardised workflows, and are easily started and controlled using a touchscreen, or via any laptop, smartphone, or tablet.



*\*MS Teams: Only with optional Microsoft 365 Feature Pack Upgrade*

# Technical specifications

Features	Cynap Pure Mini	Cynap Pure	Cynap Pure Pro
Operating system	Linux	Linux	Linux
Output resolution	2160p60/30, 1080p60/30, 720p60	2160p60/30, 1080p60/30, 720p60	2160p60/30, 1080p60/30, 720p60
Supported devices for wireless mirroring (up to 4K depending on device)	iOS, iPadOS, Android, Windows, macOS, Chrome OS	iOS, iPadOS, Android, Windows, macOS, Chrome OS	iOS, iPadOS, Android, Windows, macOS, Chrome OS
Supported mirroring protocols	AirPlay, Miracast (Peer-to-Peer and MICE), Chromecast, vSolution Cast	AirPlay, Miracast (Peer-to-Peer and MICE), Chromecast, vSolution Cast	AirPlay, Miracast (Peer-to-Peer and MICE), Chromecast, vSolution Cast
Max. no. of on-screen windows	4	4	4
Media Player: Image file formats	-	-	GIF, JPEG, BMP, PNG
Media Player: Document file formats	-	-	PDF, Word, PowerPoint, Excel, Text, HTML
Media Player: Video file formats	-	-	AVI, WMV, MOV, MP4, DivX, MKV, M4V, OGV
Media Player: Audio file formats	-	-	MP3, WMA, MKA, OGA, OGG
Touchback functionality	Yes, for Windows (Miracast & vSolution Cast)	Yes, for Windows (Miracast & vSolution Cast)	Yes, for Windows (Miracast & vSolution Cast)
Cloud services	-	-	Yes, Google Drive, Dropbox, Box, Jianguoyun, OneDrive, WebDAV
Optional feature packs	-	-	Microsoft 365
Access to network drives	-	-	Yes
Whiteboard and annotation	-	Yes	Yes
Multi-platform web conferencing	-	-	Yes, Zoom, WebRTC, Microsoft Teams* (*with optional Feature Pack Upgrade)
BYOM web conferencing	-	Yes	Yes
Encrypt and save personal user settings	-	-	Yes, save onto USB stick
Integrated web browser	-	-	Yes
Digital signage function and screensaver	-	Yes	Yes
Live Viewer Mode (browser-based live view of on-screen content on own device)	-	Yes	Yes
vSolution Link Pro software for remote management & firmware updates	On premise	Cloud & on premise	Cloud & on premise
Inputs/Outputs	HDMI Out x1, Front USB x2, 1x 1GigE LAN port	HDMI Out x1, Front USB x2, 1x 1GigE LAN port	HDMI Out x1, Rear USB 3.0 x2, Front USB 3.0 x2, 1x 1GigE LAN port
Video input	-	-	- (HDMI In via third party USB frame grabber)
Audio	HDMI Out, USB Out	HDMI Out, USB Out	HDMI Out, USB Out
Bluetooth device discovery	Yes	Yes	Yes
Wifi standards (Wi-Fi 5)	2.4 GHz in Access Point Mode / 2.4 and 5 GHz in Infrastructure Mode	2.4 GHz in Access Point Mode / 2.4 and 5 GHz in Infrastructure Mode	2.4 GHz in Access Point Mode / 2.4 and 5 GHz in Infrastructure Mode
Network protocols	TCP/IP, HTTP, HTTPS, SNMP/NTP, SSL, SSH, UDP	TCP/IP, HTTP, HTTPS, SNMP/NTP, SSL, SSH, UDP	TCP/IP, HTTP, HTTPS, SNMP/NTP, SSL, SSH, UDP
IP configuration	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Proxy, Interface priority	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Proxy, Interface priority	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Proxy, Interface priority
Security authentication for LAN	IEEE 802.1X	IEEE 802.1X	IEEE 802.1X
Security encryption for wireless WLAN	WEP, WPA2, WPA2 Enterprise or IEEE 802.1X	WEP, WPA2, WPA2 Enterprise or IEEE 802.1X	WEP, WPA2, WPA2 Enterprise or IEEE 802.1X
External controlling	Multi-touch display, web interface, room control system, keyboard/mouse, optional remote control	Multi-touch display, web interface, room control system, keyboard/mouse, optional remote control	Multi-touch display, web interface, room control system, keyboard/mouse, optional remote control
Peripheral device control	Yes	Yes	Yes
Dimensions (L x W x H)	70 x 70 x 35 mm (2.76 x 2.76 x 1.37")	70 x 70 x 35 mm (2.76 x 2.76 x 1.37")	115 x 110 x 37 mm (4.53 x 4.33 x 1.46")
Power consumption	24W	24W	65-90W
Weight	260g (0.57lb)	260g (0.57lb)	480g (1.06lb)
Optional accessories	Optional remote control	Optional remote control	Optional remote control
Included accessories	Power supply, VESA mount	Power supply, VESA mount	Power supply, VESA mount
Limited warranty	3 years (optional warranty extension up to 5 years)	3 years (optional warranty extension up to 5 years)	3 years (optional warranty extension up to 5 years)

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