

EPOS



Zoom Room Installation Guide

EXPAND Vision 5

Zoom Room Installation Guide

Requirements

Included:

- EXPAND Vision 5
- EXPAND Control (Network cable included)
- HDMI Cable (Connects EXPAND Vision 5 and the Display/Monitor)
- Power supply

Not included:

- Network cable (Connects EXPAND Vision 5 and network port)
- Display / TV Monitor

Optional:

- USB-C to USB-C Cable (Connects your laptop to the camera if you are in a BYOD room)
- HDMI Cable (Content sharing from your laptop)
- USB-C to HDMI cable for Dual screen support
- EXPAND 80 Speakerphone + 2 extension mics for EXPAND 80

What to Consider

Prerequisites

Network Ports:

- Two network ports in the same subnet are required to pair the EXPAND Control with the EXPAND Vision 5.
- One of these ports must support Power over Ethernet (PoE) to power the EXPAND Control when connected with a network cable.

Prepare your Zoom Room

https://support.zoom.com/hc/en/article?id=zm_kb&sysparm_article=KBO063391

License

https://support.zoom.com/hc/en/article?id=zm_kb&sysparm_article=KBO064911

Firewall port openings for Zoom

https://support.zoom.com/hc/da/article?id=zm_kb&sysparm_article=KBO065712

Zoom Network Connectivity Tool

https://support.zoom.com/hc/en/article?id=zmkb&sysparmarticle=KBO058114#h_01GT3OTR8Y8CJRTTM79X8YVHSC

Firewall Setup for EPOS Manager:

Open firewall port 443 over tcp outbound.

For accessing application URL's:

<https://enterprise.eposaudio.com>

<https://uiapi.enterprise.eposaudio.com>

<https://api.enterprise.eposaudio.com>

<https://video.enterprise.eposaudio.com>

For accessing static content (device image, description, software and firmware):

<https://update.eposstorage.com>

For Logging:

<https://agentlog.table.core.windows.net/>

Check out the admin guide here:

[8e5c645a-69bc-484b-8247-ec96fd2147e1_39048_admin-guide_epos-manager_original.pdf](https://support.zoom.com/hc/en/article?id=zmkb&sysparmarticle=8e5c645a-69bc-484b-8247-ec96fd2147e1_39048_admin-guide_epos-manager_original.pdf)
([eposaudio.com](https://support.zoom.com/hc/en/article?id=zmkb&sysparmarticle=8e5c645a-69bc-484b-8247-ec96fd2147e1_39048_admin-guide_epos-manager_original.pdf))

EPOS Manager

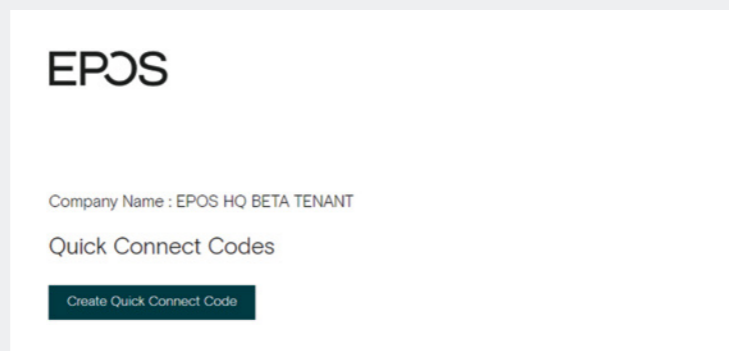
How to enroll EXPAND Vision 5 EPOS Manager

Sign up for a tenant here:

[EPOS Manager \(eposaudio.com\)](https://epos.audio.com)

Log in to the EPOS Manager tenant:

Choose Provision > Create quick connect code



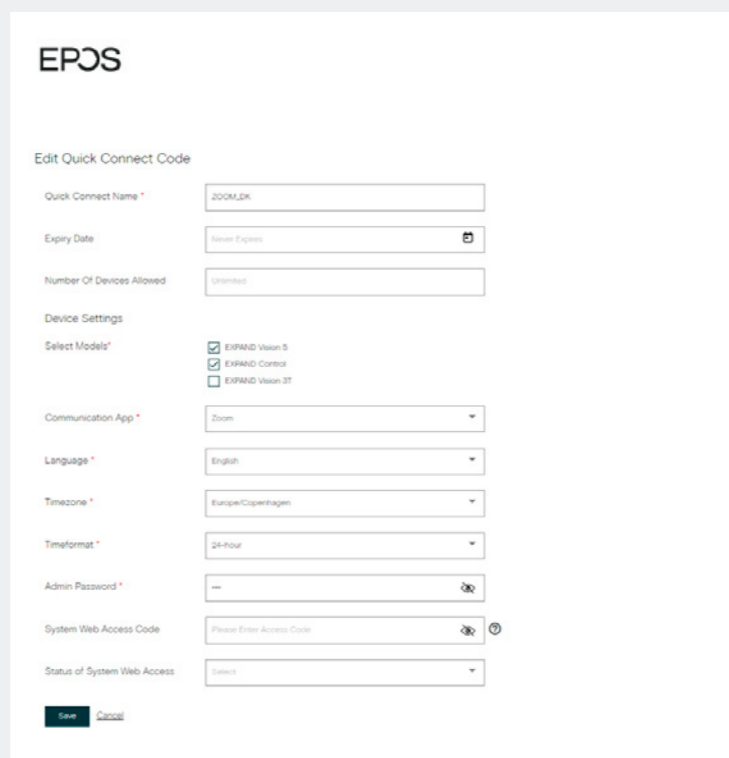
EPOS

Company Name : EPOS HQ BETA TENANT

Quick Connect Codes

[Create Quick Connect Code](#)

Insert the data relevant for your video device. If you do not limit the “Number of Devices Allowed” The QR code can be reused for multiple video devices. Choose Save and use the QR code to enroll the device with settings provided and get it enrolled to EPOS Manager.



EPOS

Edit Quick Connect Code

Quick Connect Name *

Expiry Date

Number Of Devices Allowed

Device Settings

Select Models* EXPAND Vision 5 EXPAND Control EXPAND Vision 3T

Communication App *

Language *

Timezone *

Timeformat *

Admin Password *

System Web Access Code

Status of System Web Access

[Save](#) [Cancel](#)

Quick Connect QR Code: GXQICL7P7



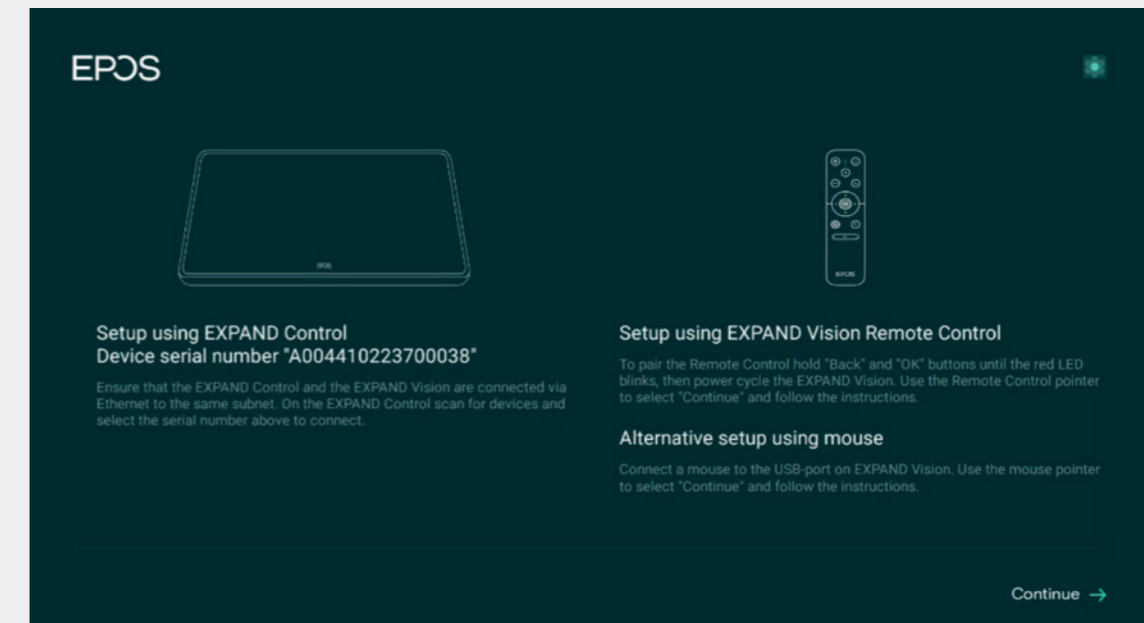
[Download QR Code](#)

[Copy QR Code](#)

Use the QR code to enroll multiple devices into EPOS Manager with relevant settings. (NB! Do not use this QR code for your deployment, make sure you create your own)

Setup & Installation

First time setup / Enrollment with QR code



EPOS

Setup using EXPAND Control
Device serial number "A004410223700038"

Ensure that the EXPAND Control and the EXPAND Vision are connected via Ethernet to the same subnet. On the EXPAND Control scan for devices and select the serial number above to connect.

Setup using EXPAND Vision Remote Control

To pair the Remote Control hold "Back" and "OK" buttons until the red LED blinks, then power cycle the EXPAND Vision. Use the Remote Control pointer to select "Continue" and follow the instructions.

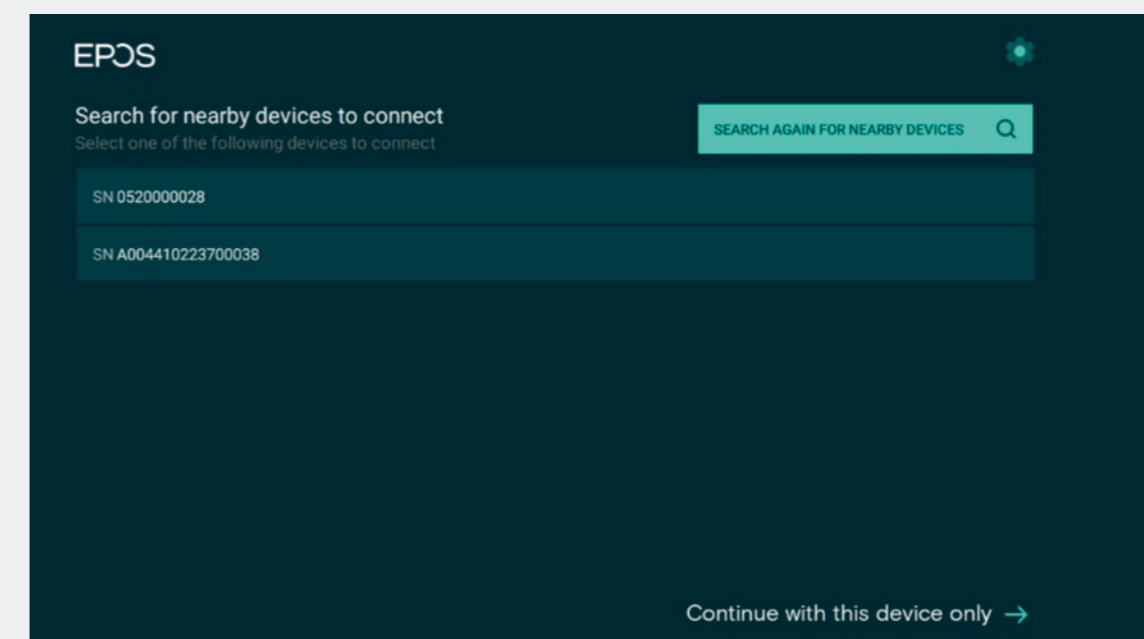
Alternative setup using mouse

Connect a mouse to the USB-port on EXPAND Vision. Use the mouse pointer to select "Continue" and follow the instructions.

[Continue →](#)

Connect all the necessary cables to the EXPAND Vision 5. Remember to always attach the power cord last. Once all cables are properly connected, allow the device to boot up.

For more information see the Wiring Diagrams [here](#).



EPOS

Search for nearby devices to connect

Select one of the following devices to connect

[SEARCH AGAIN FOR NEARBY DEVICES](#)

SN 0520000028

SN A004410223700038

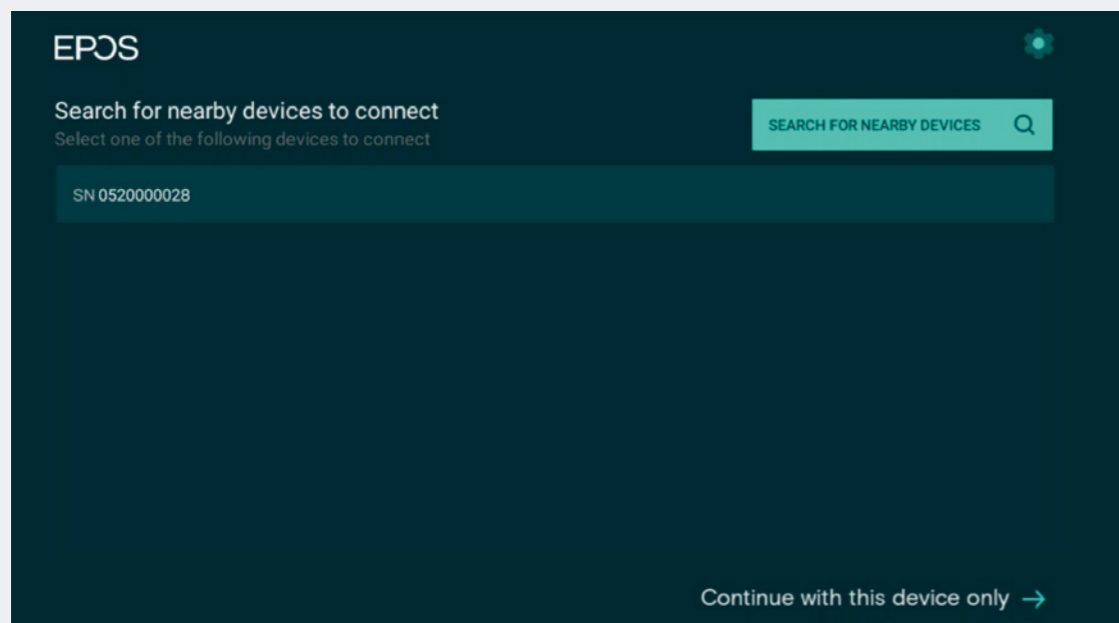
[Continue with this device only →](#)

Attach the PoE network to the EXPAND Control with enclosed network cable. Choose the serial number of the EXPAND Vision 5. Serial number is displayed on the monitor.

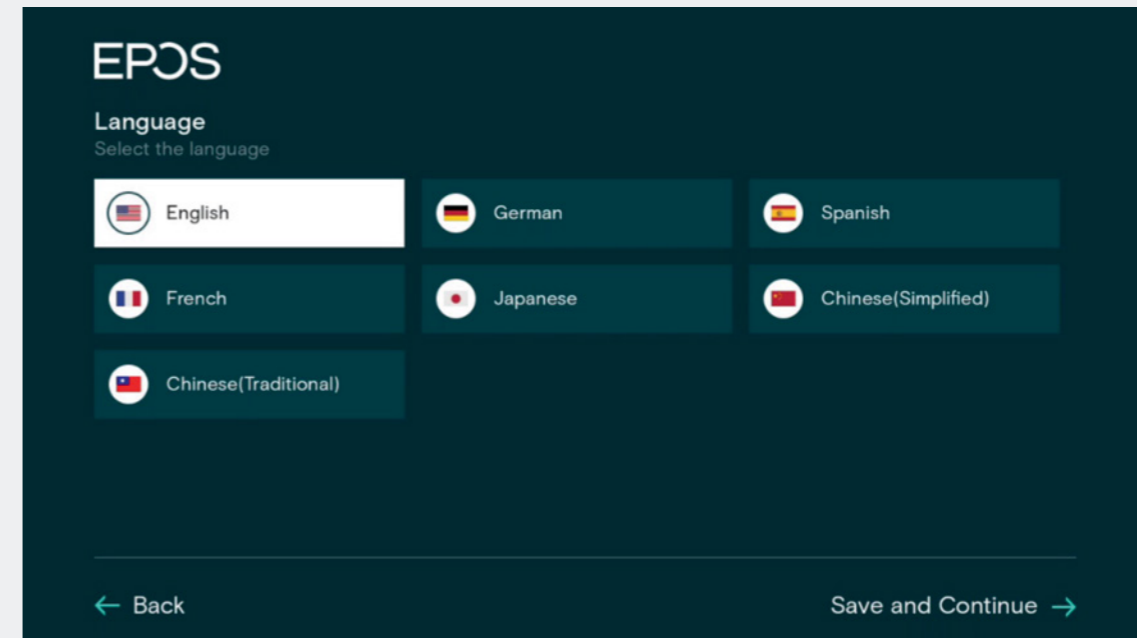


Use the created QR code to enroll the devices into EPOS Manager. The system will automatically deploy the settings contained in the QR code and upgrade the EXPAND Vision 5 and EXPAND Control to the latest FW.

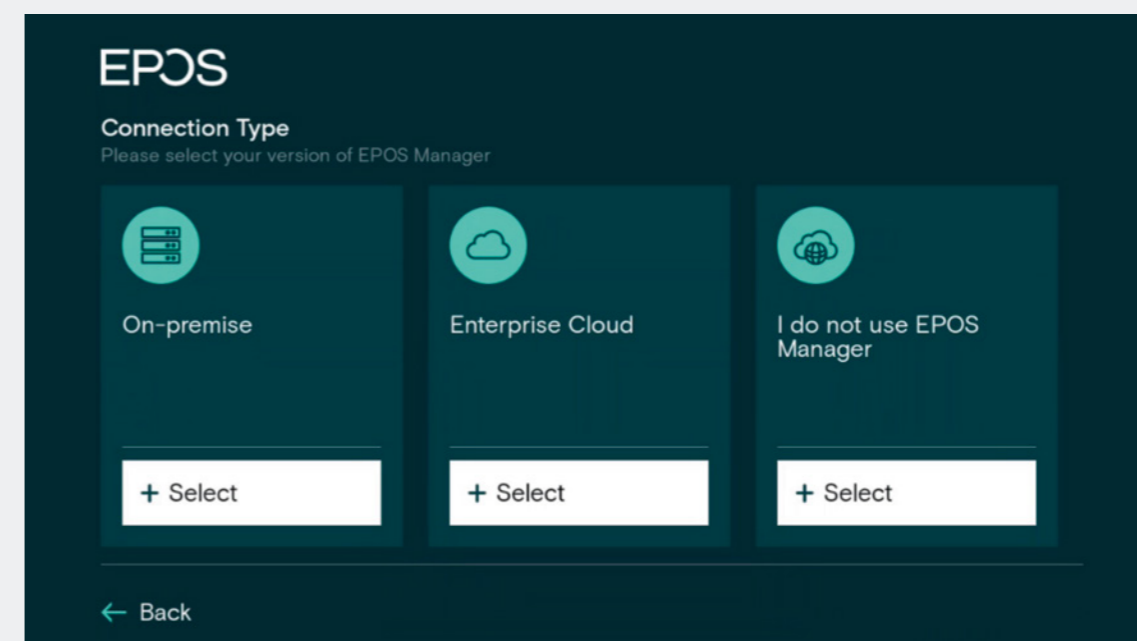
First time setup / Enrollment without QR code



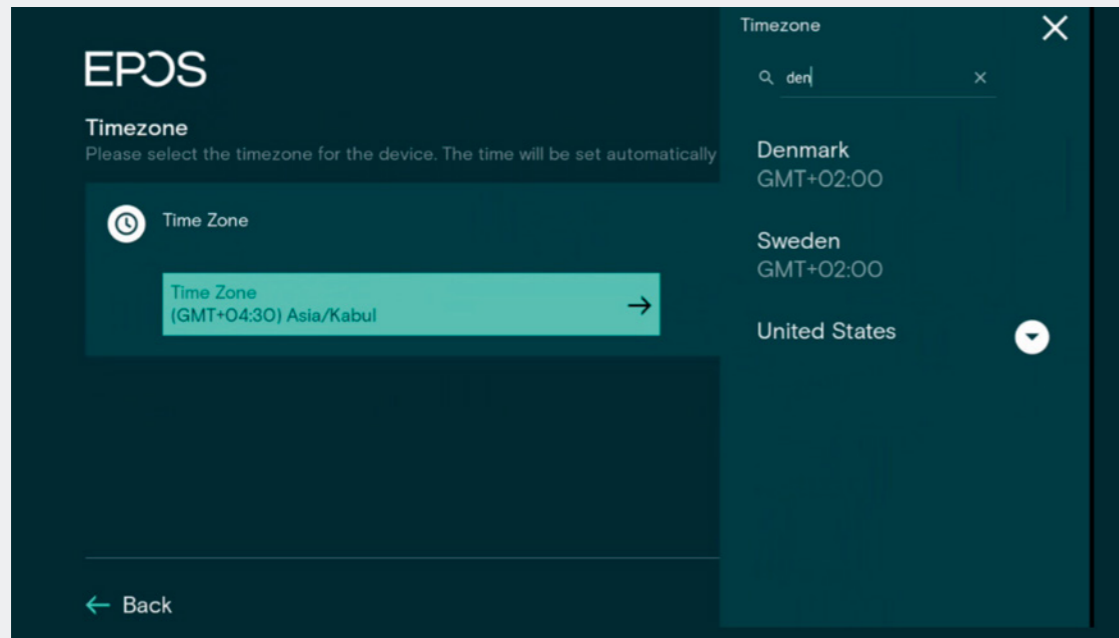
Choose Continue with this device only.



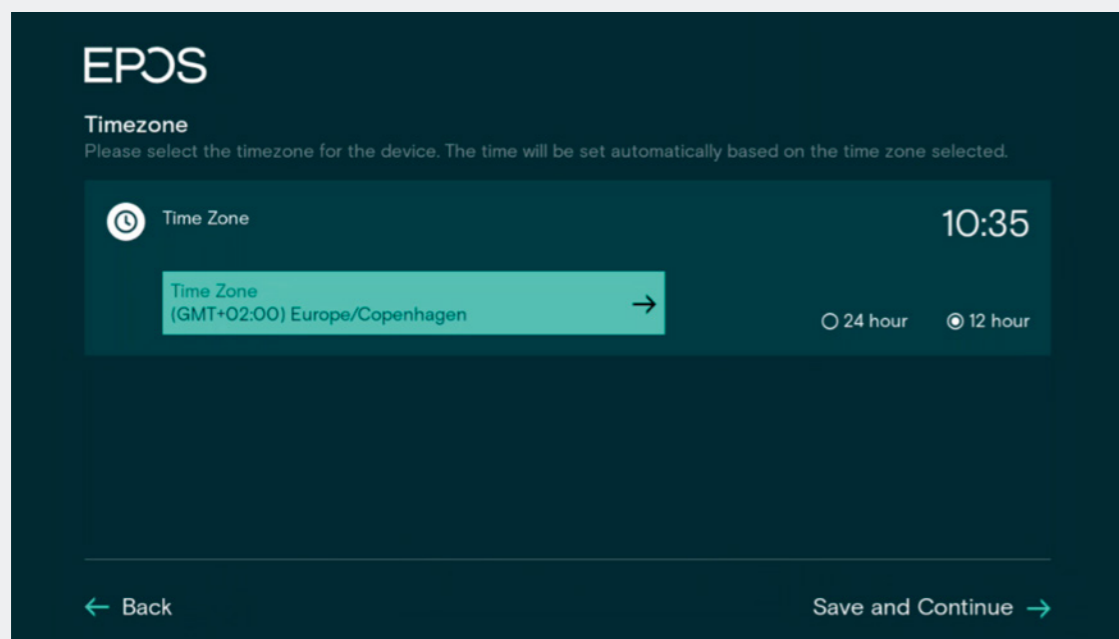
Choose Language > Save and Continue.



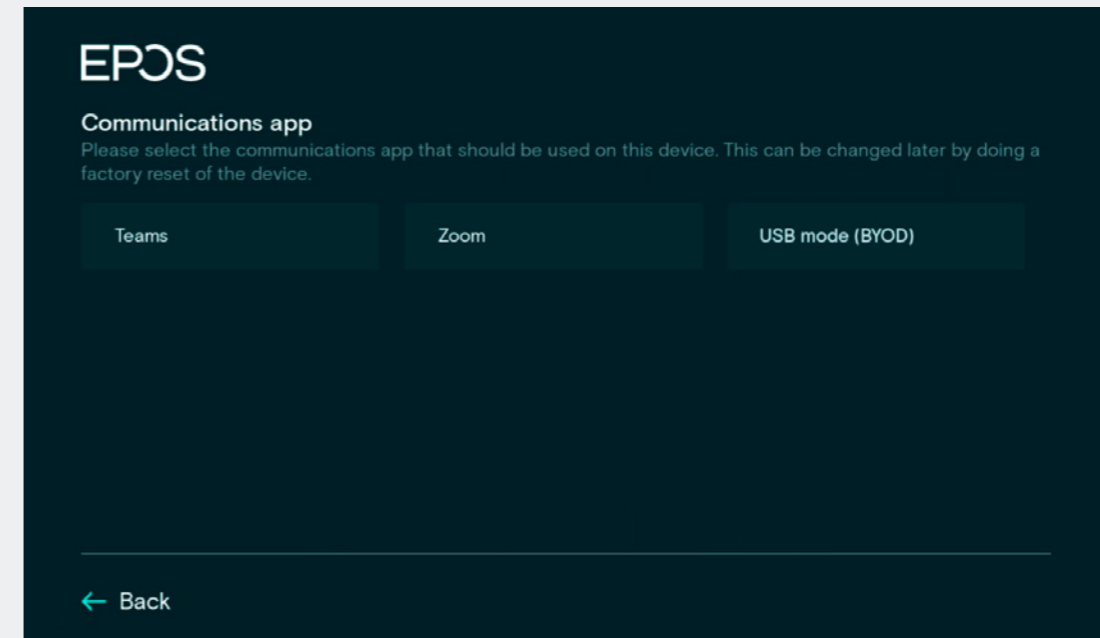
I do not use EPOS Manager > choose select.



Search for your Time zone.



Pick your Country / Time zone and hour.



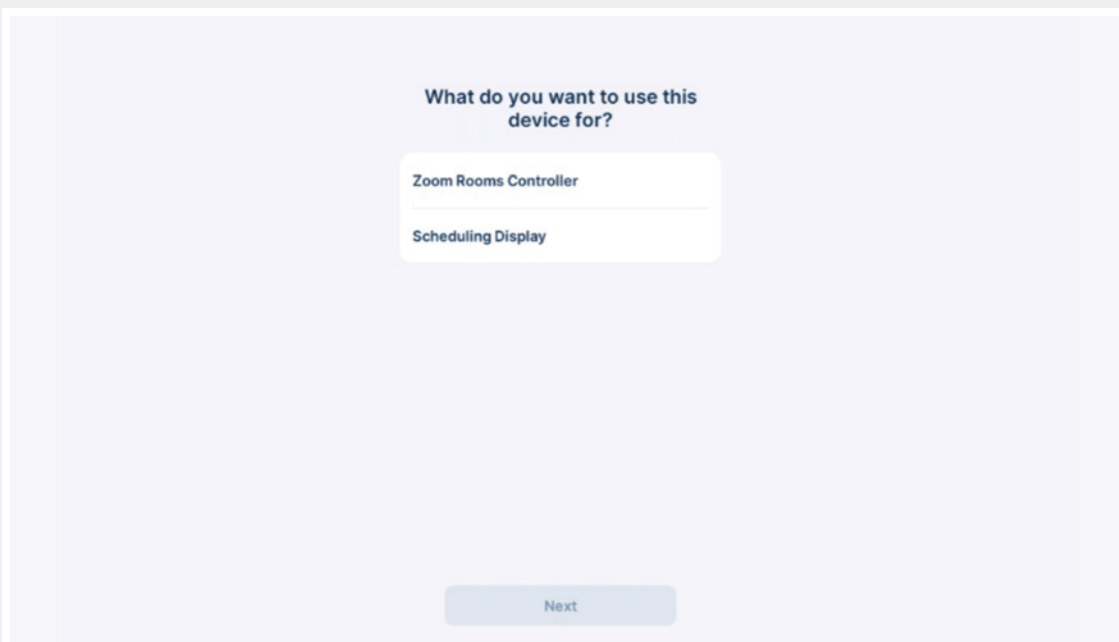
Choose Zoom as Communications App.

Setup is completed > Device will now start the Zoom login procedure.

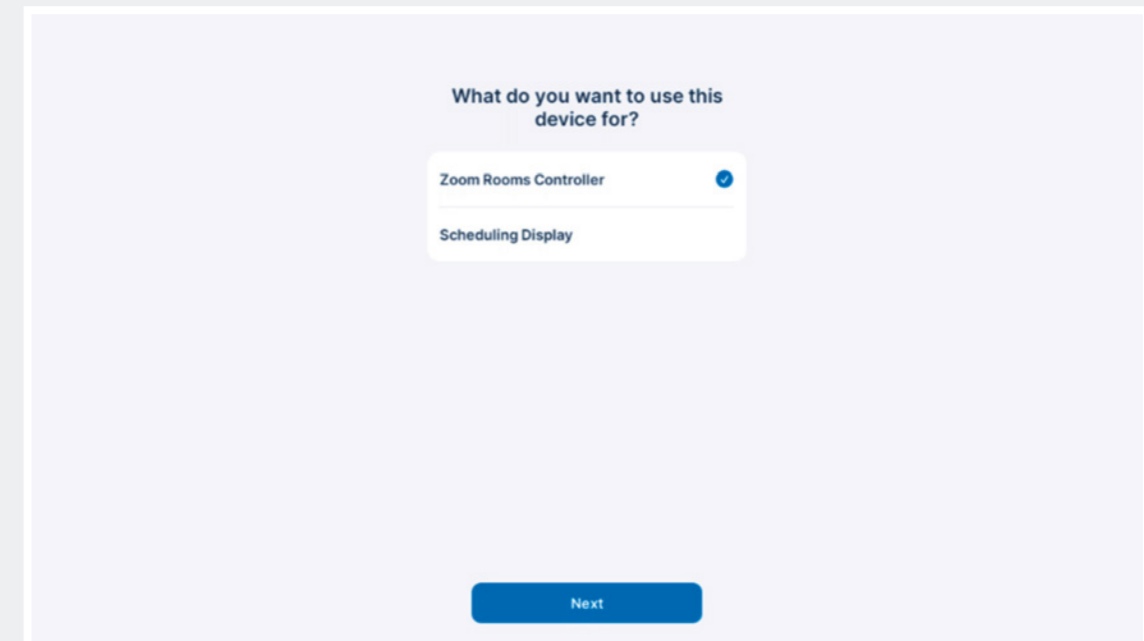
Zoom Video Setup



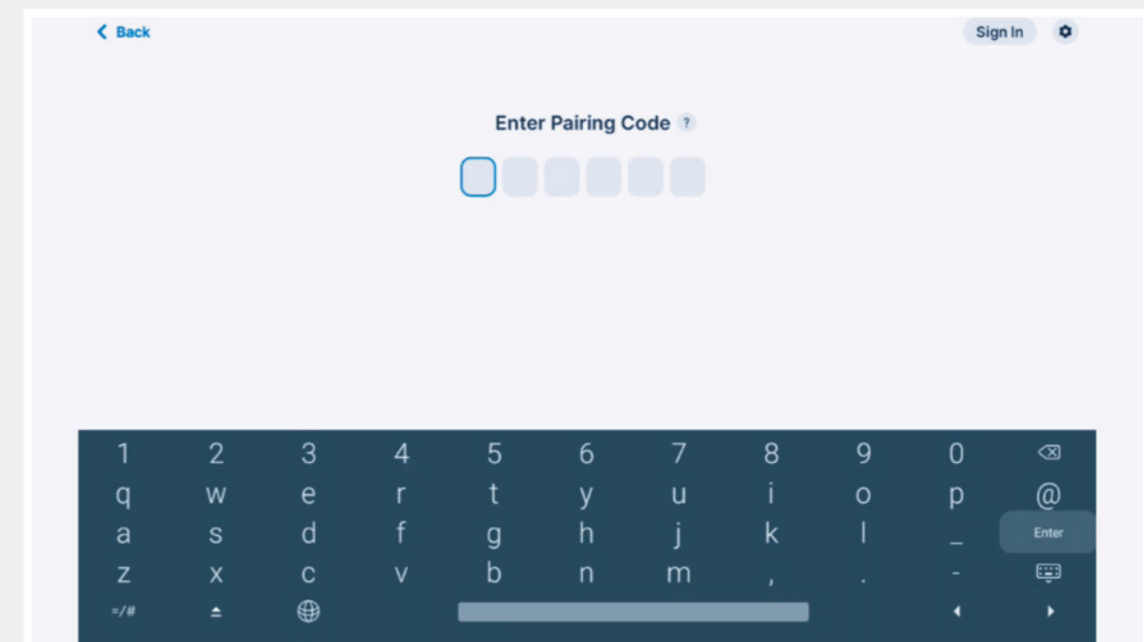
Monitor: EXPAND Vision 5 MS Zoom login.
Pair the EXPAND Vision 5 and the EXPAND Control using the code displayed on the monitor.



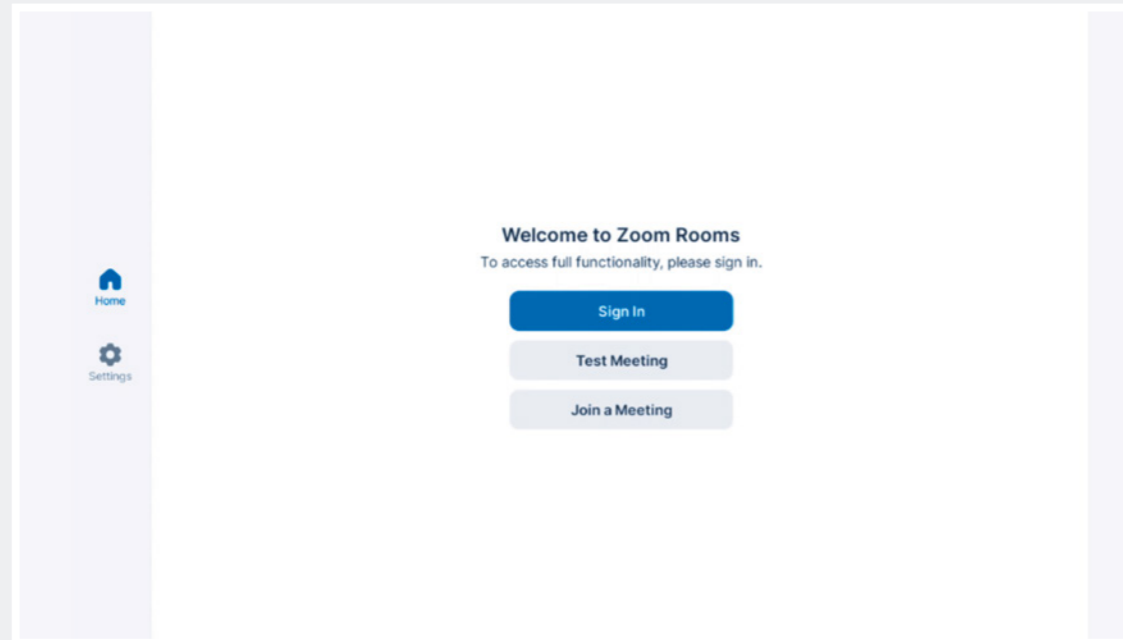
Controller: Zoom first time setup.



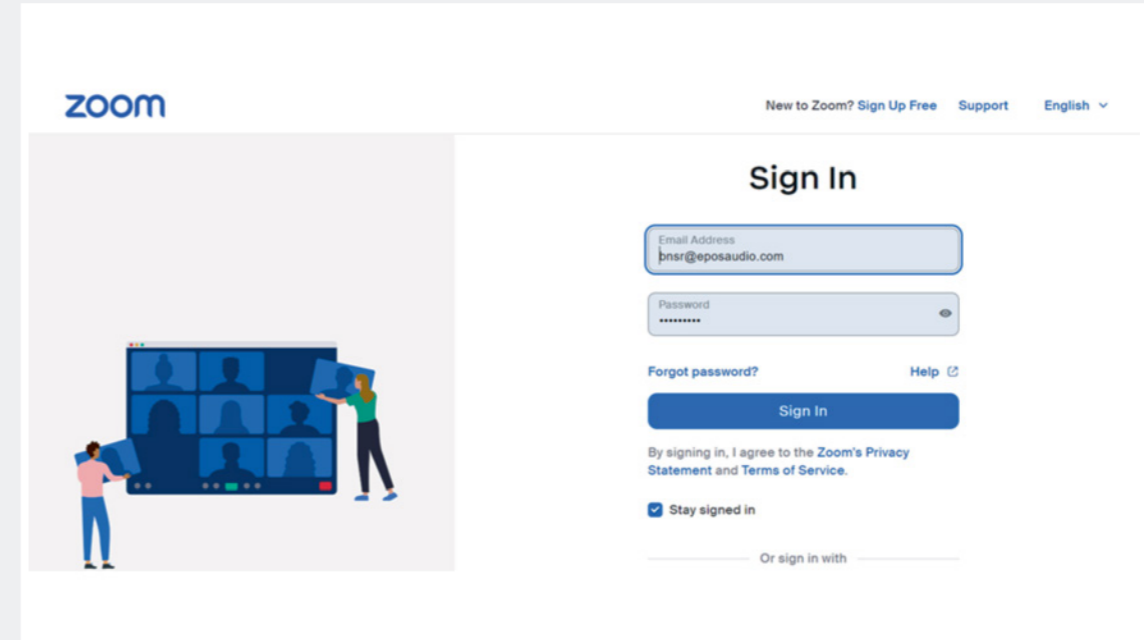
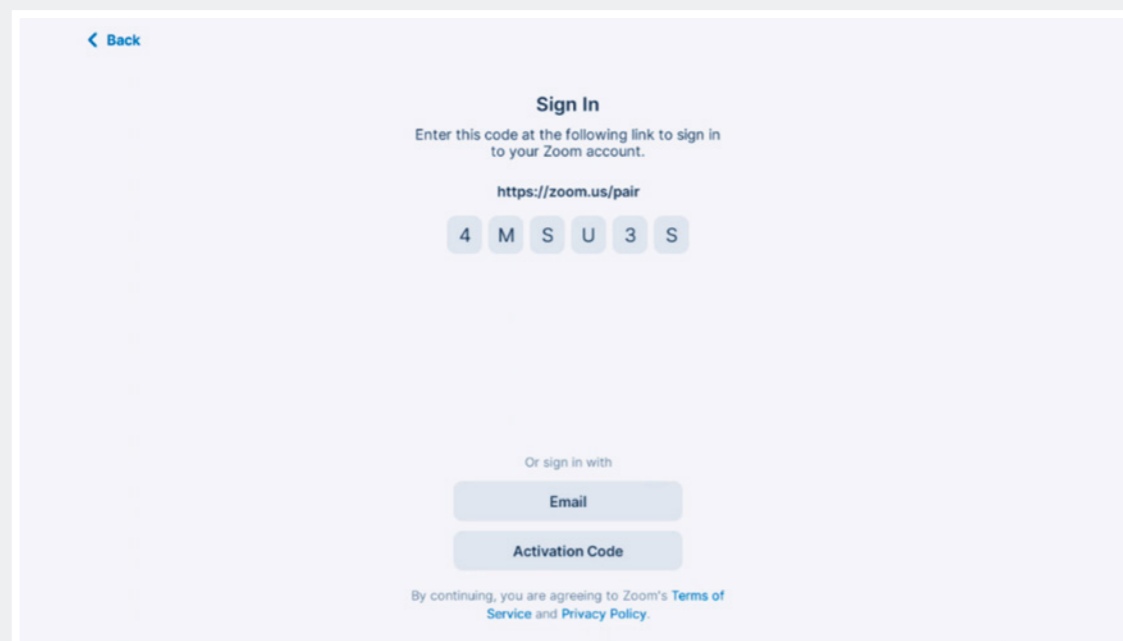
Controller: Mark the Zoom Rooms Controller and hit Next.



Controller: Enter the pairing code displayed on the Monitor.

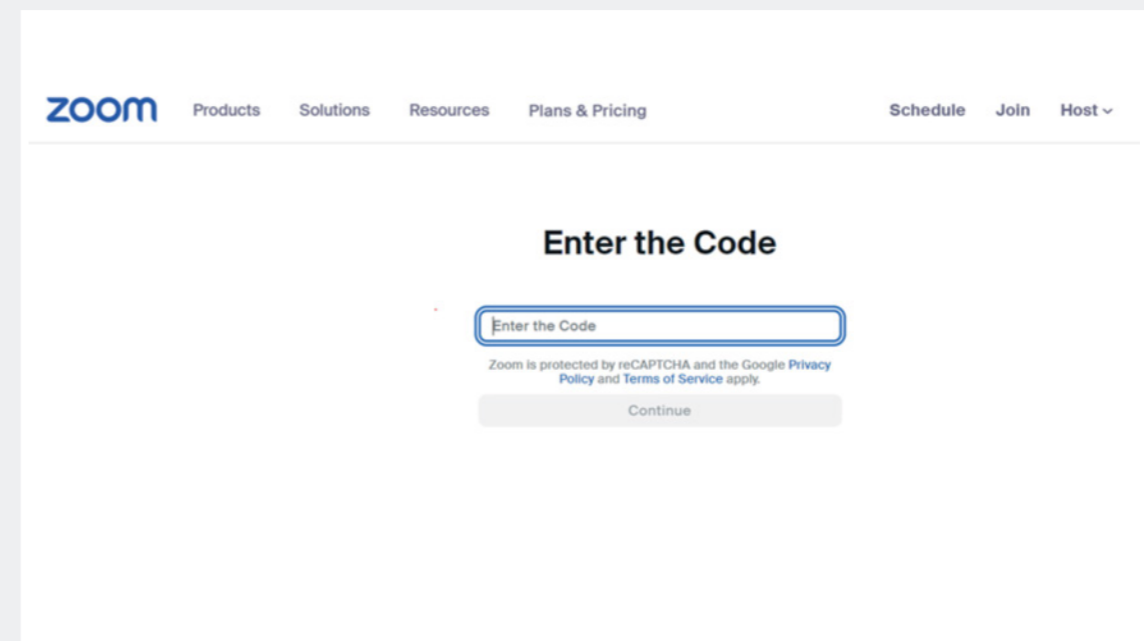


Controller: Choose Sign In.

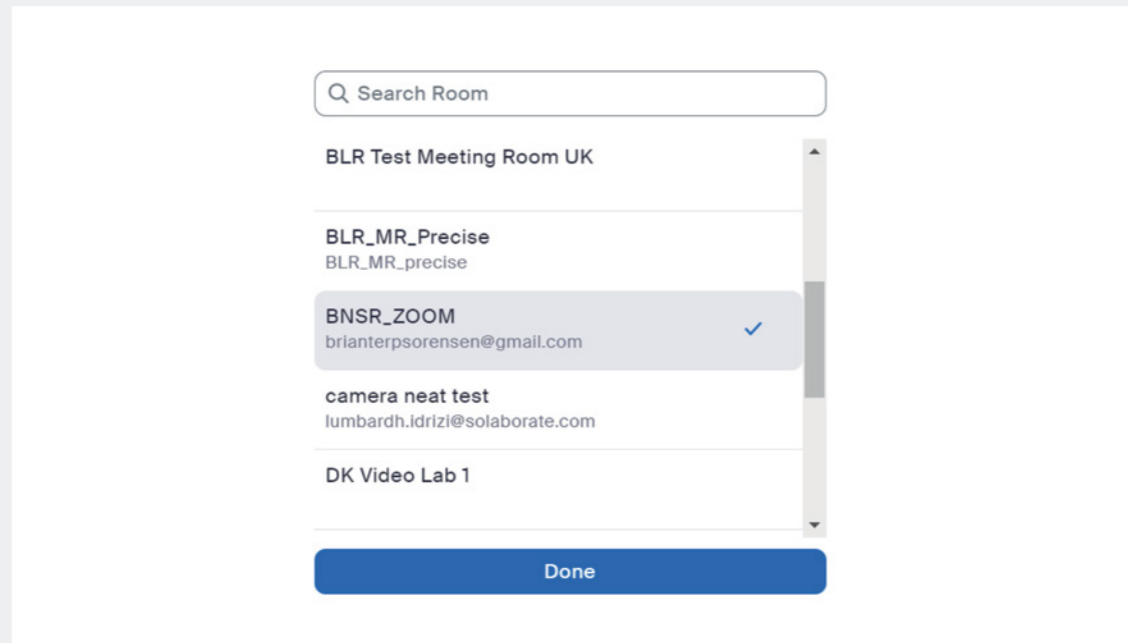


Browser: go to <https://zoom.us/pair>.

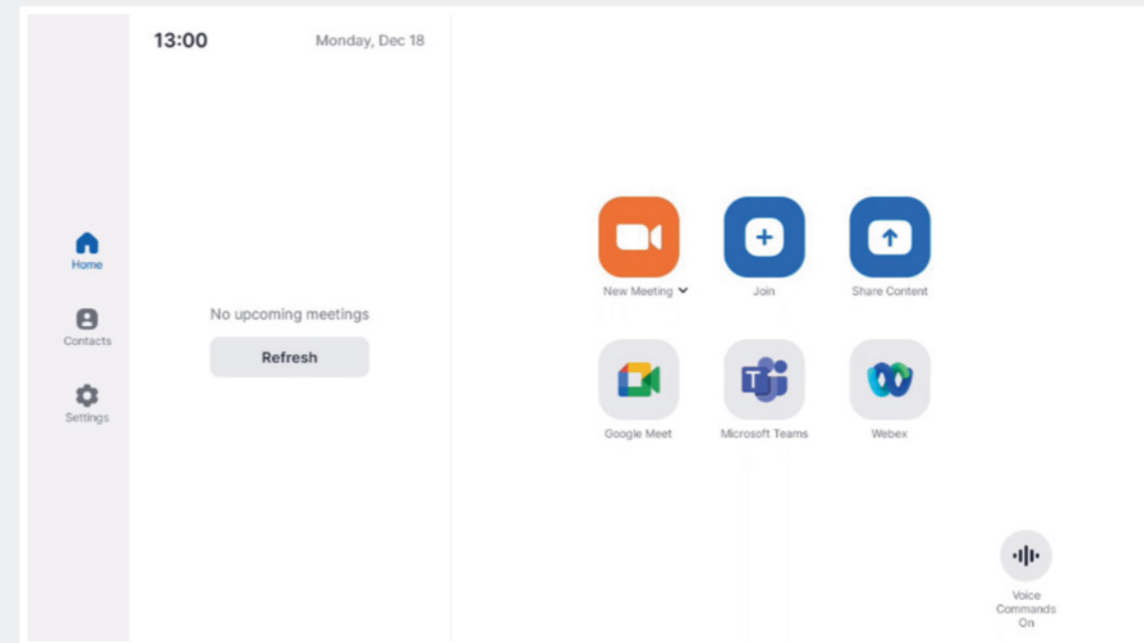
Sign In as admin to the ZDM, Zoom Device Management Portal.



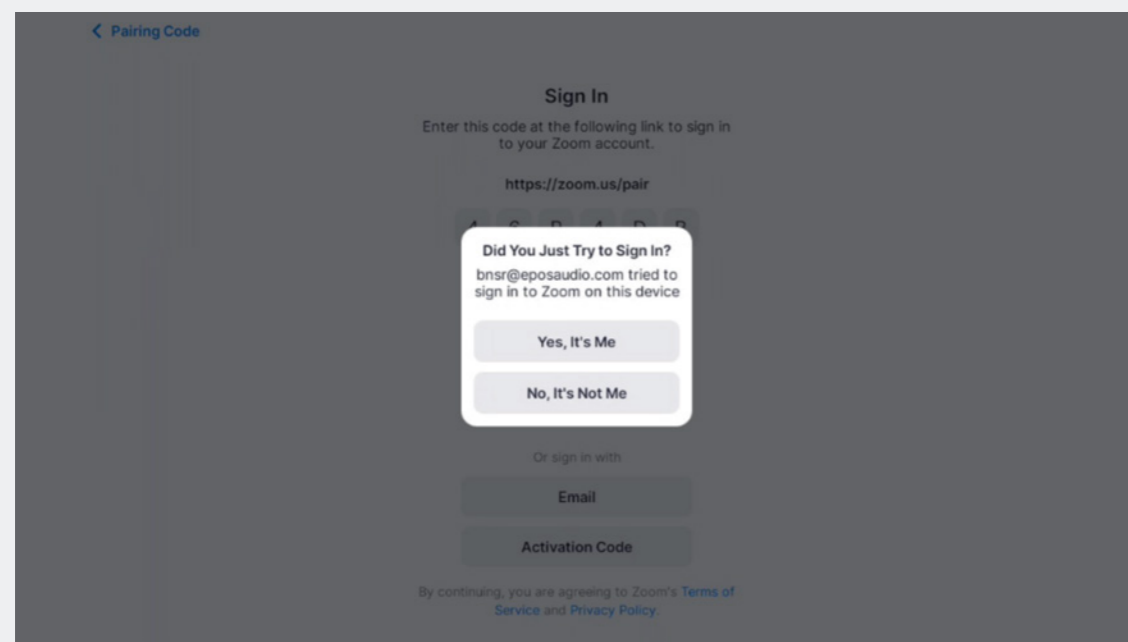
Browser: Add the code displayed on EXPAND Control.



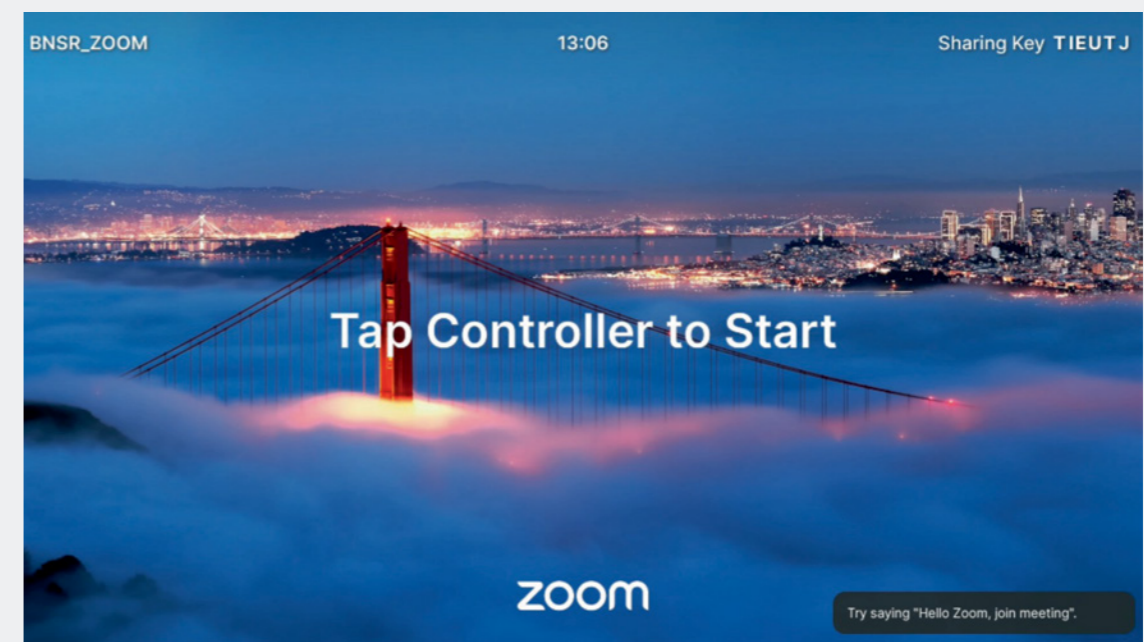
Browser: Choose the Meeting Zoom Rooms account for your device.



Controller: You're all done! Controller will look something like the above.



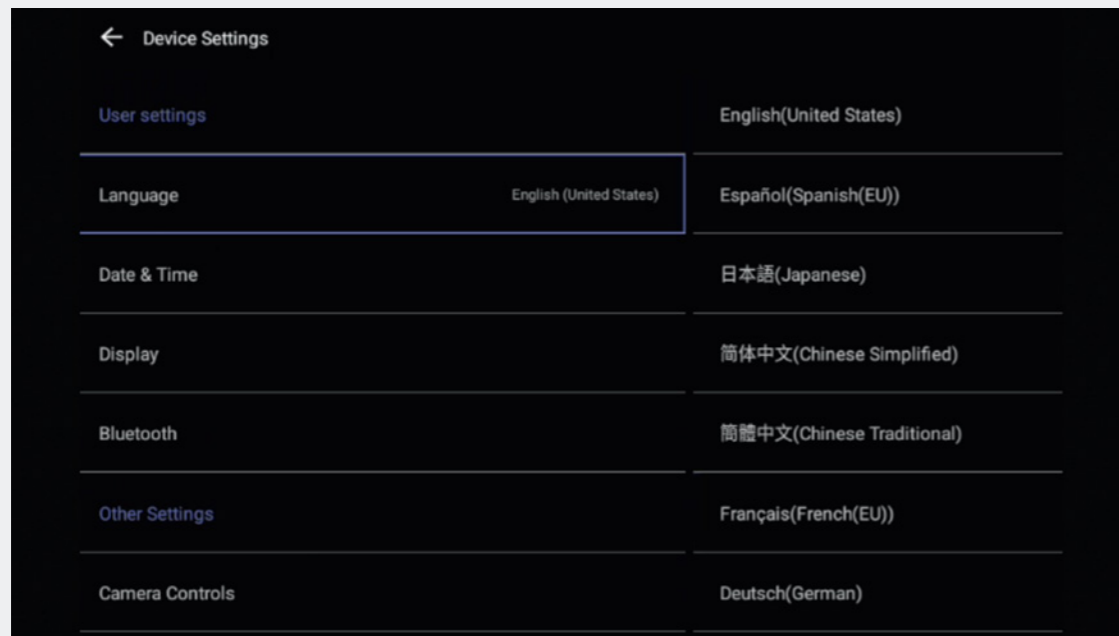
Controller: A pop-up message will appear. Choose Yes, it's Me.



Monitor: Default Wallpaper for Zoom.

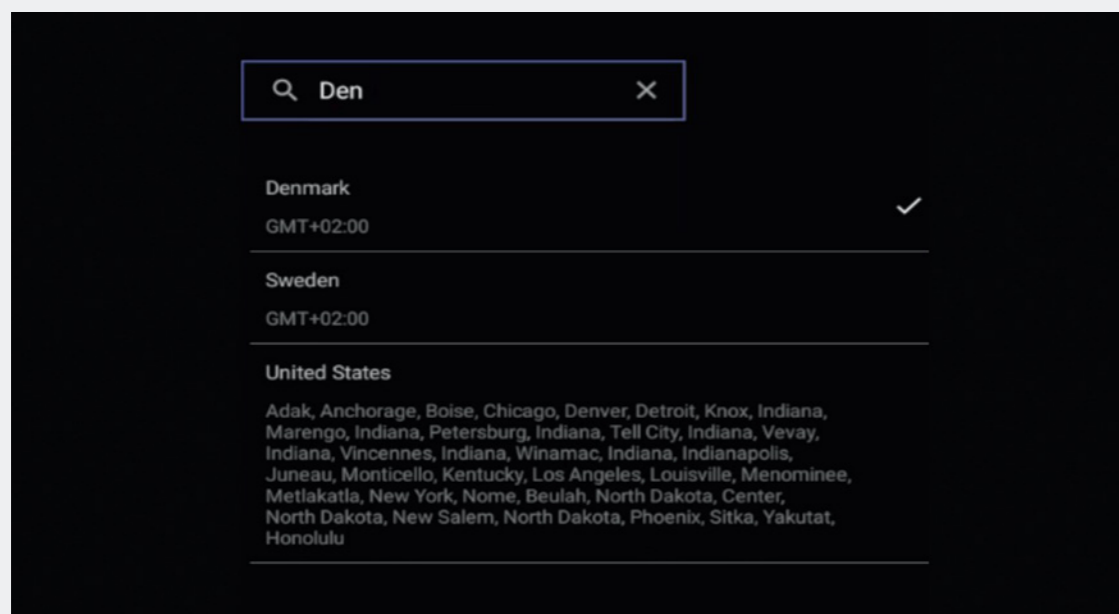
Language & Time Settings

Verify the settings of the setup

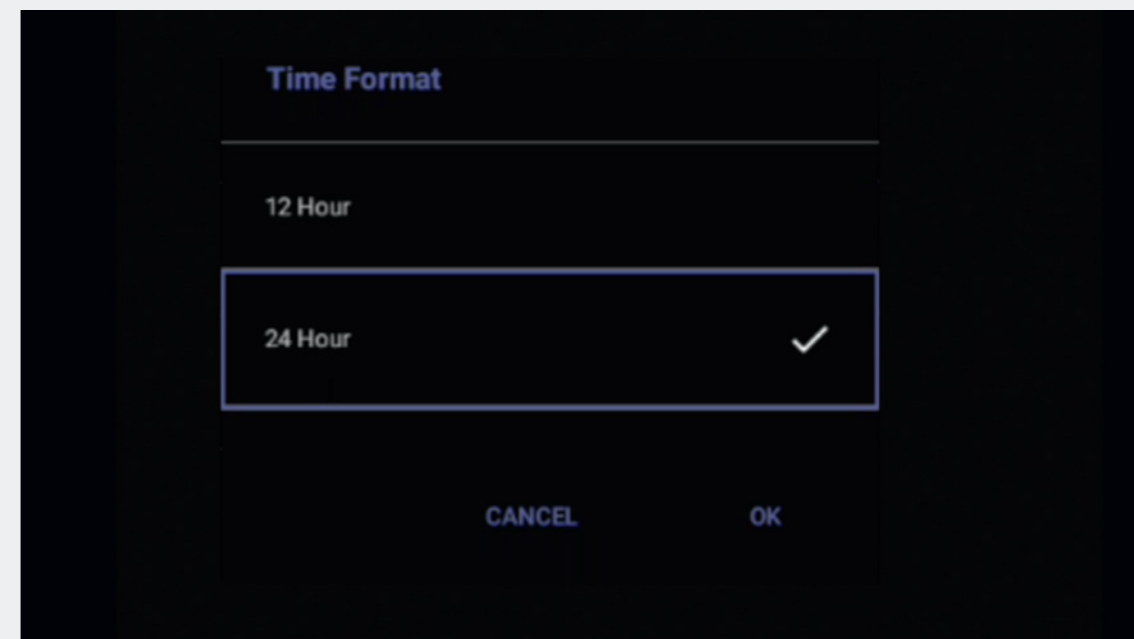


Choose Language, default is English.

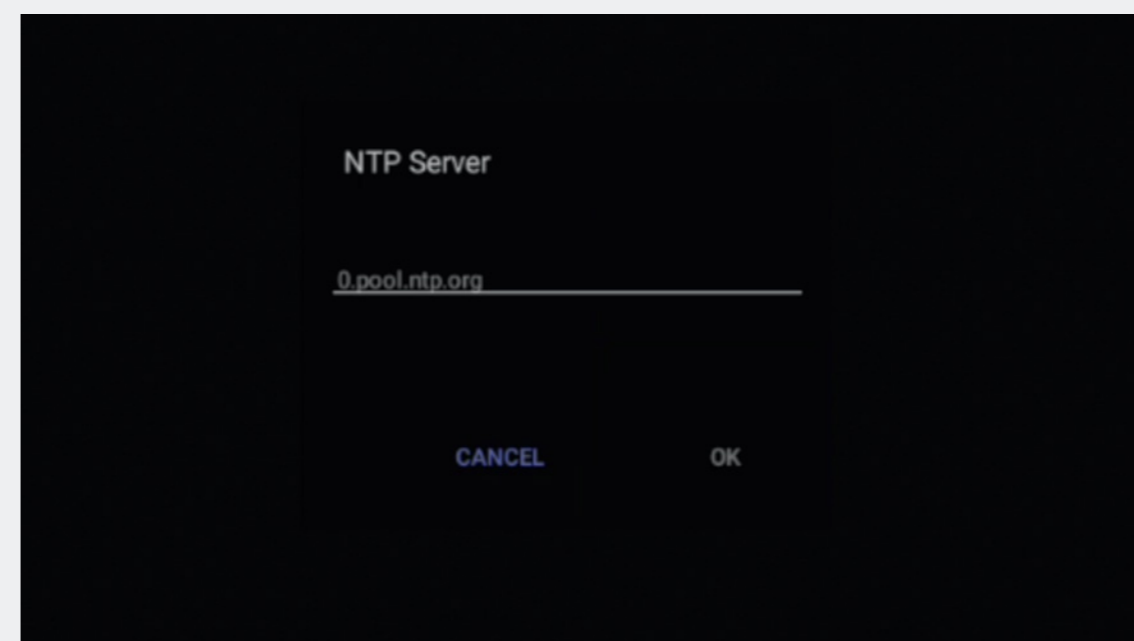
From the Device Settings the settings below can be changed.
Date / Time zone Date & Time > Time zone > Choose Zone.



Choose relevant Time Zone.

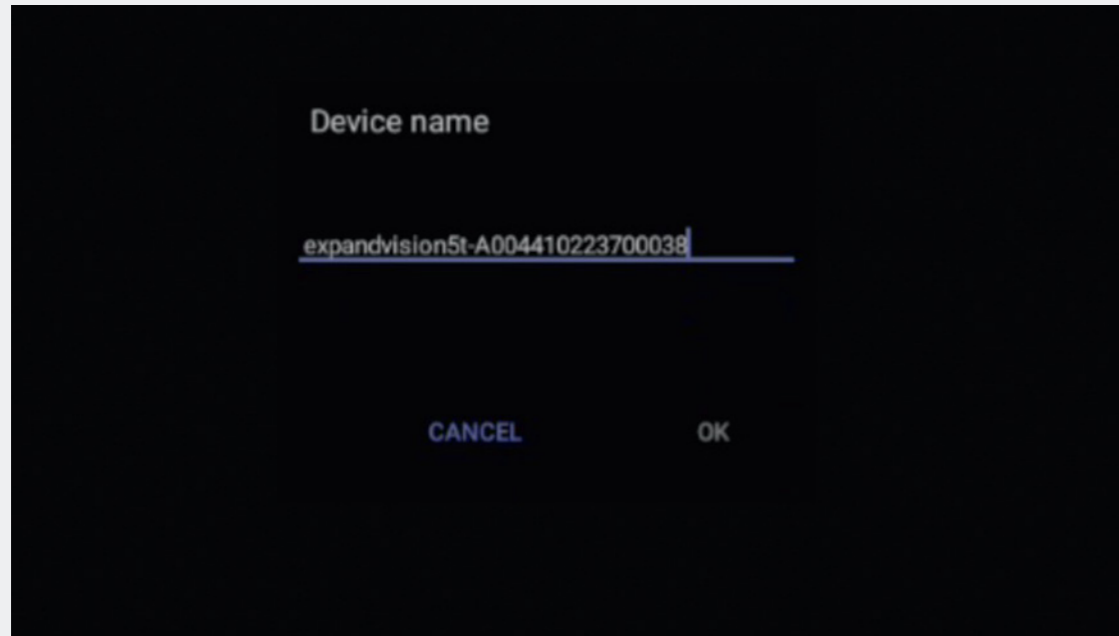


Choose the relevant Time Format.

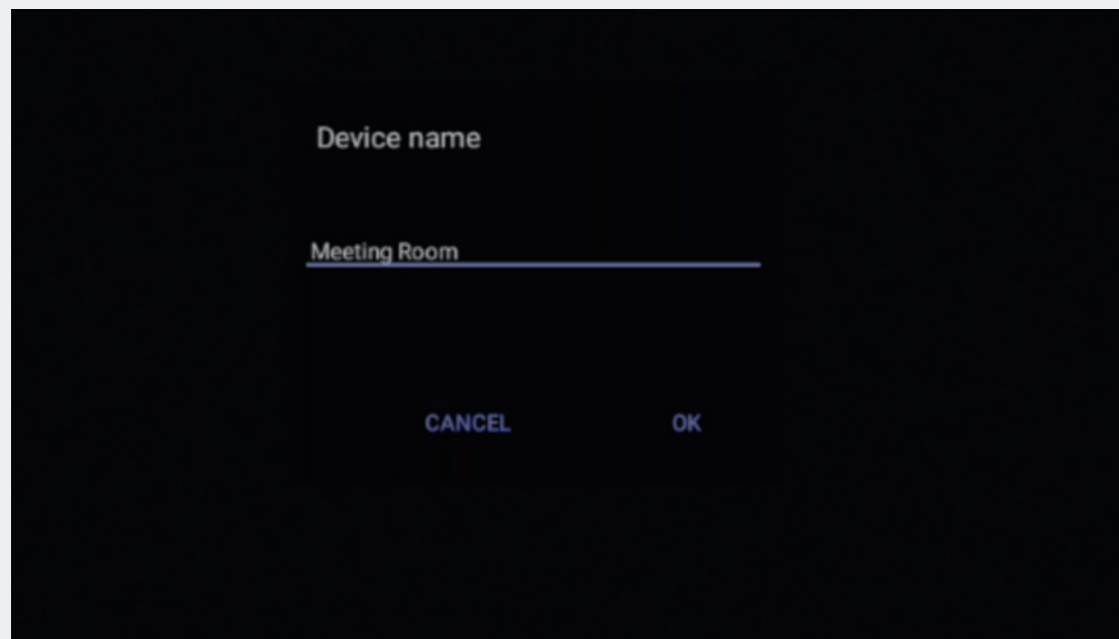


Insert your NTP server address (Optional).

Device Name

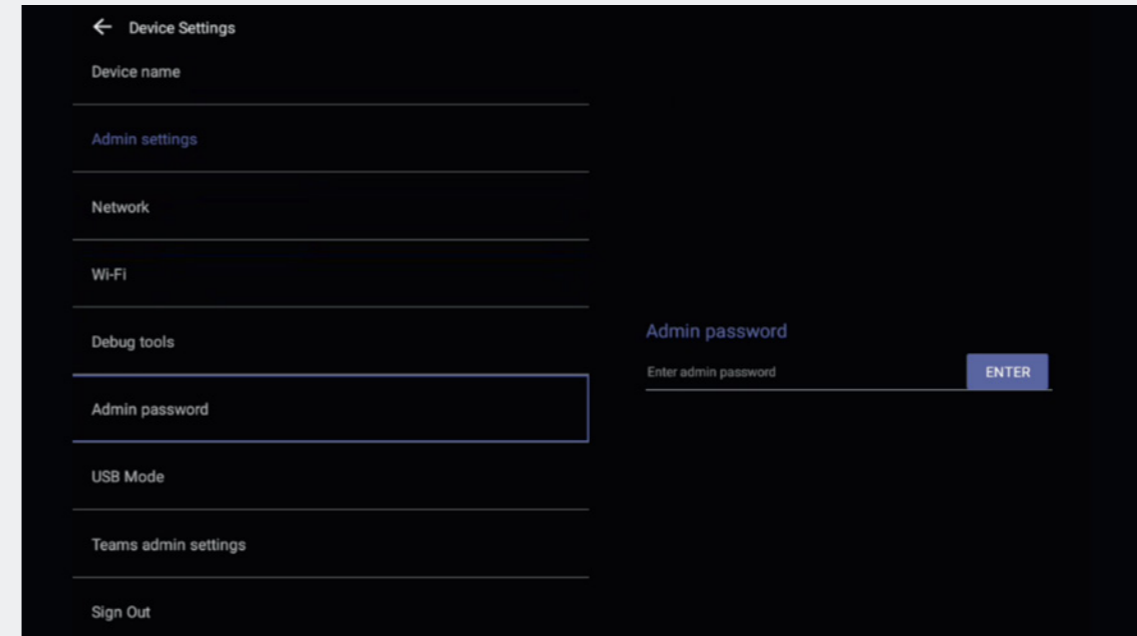


To assign a unique name, delete the default and insert device name according to your naming policy.

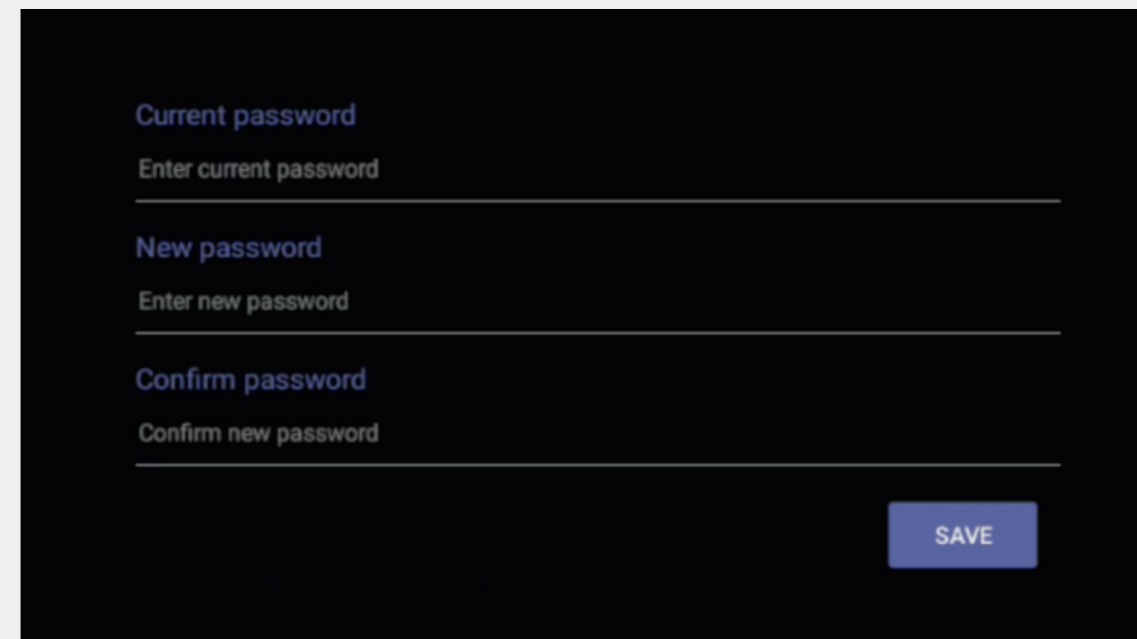


The name will automatically be synced into EPOS Manager, if enrolled.

Admin Settings

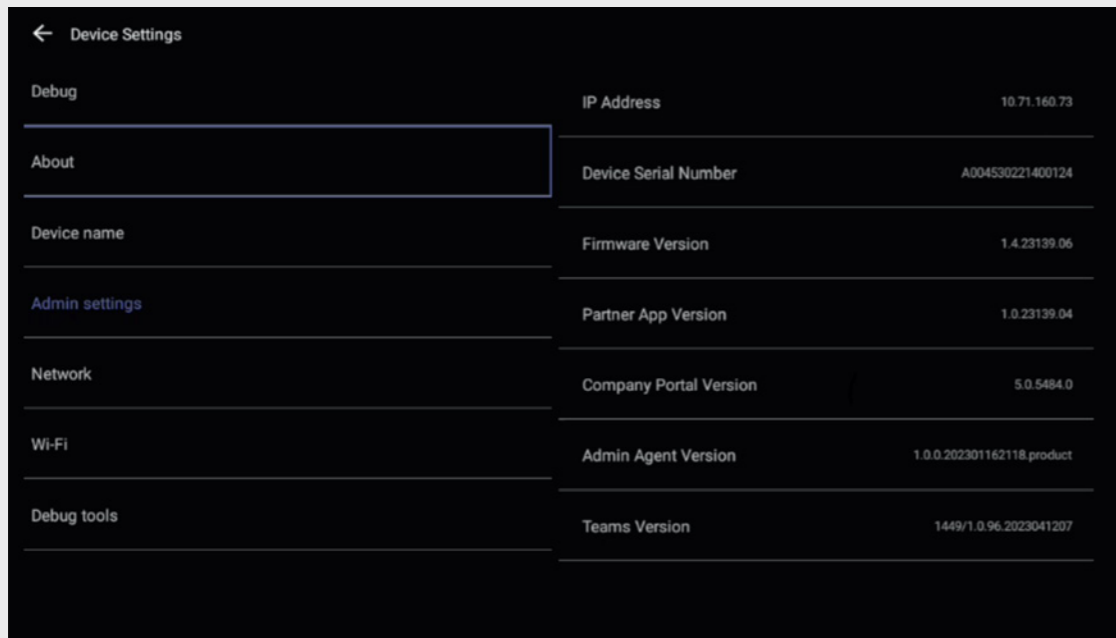


Best practice is to change the default admin password which is 0000.

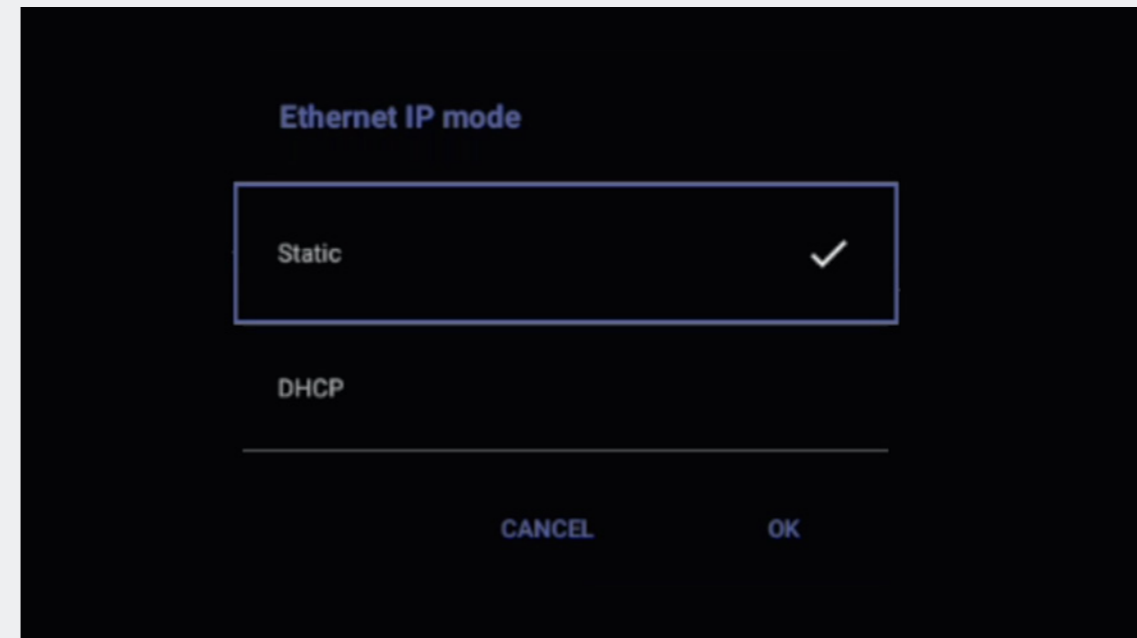


Insert relevant information and choose SAVE.

Verify Device Details

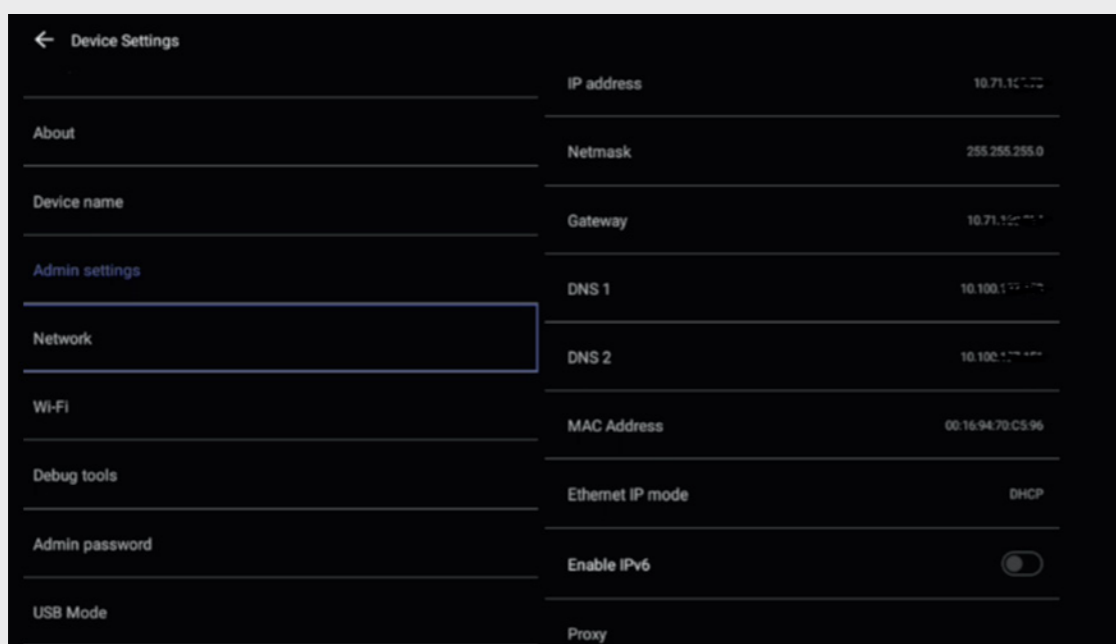


Device Settings > About display serial number, ip address and versions.

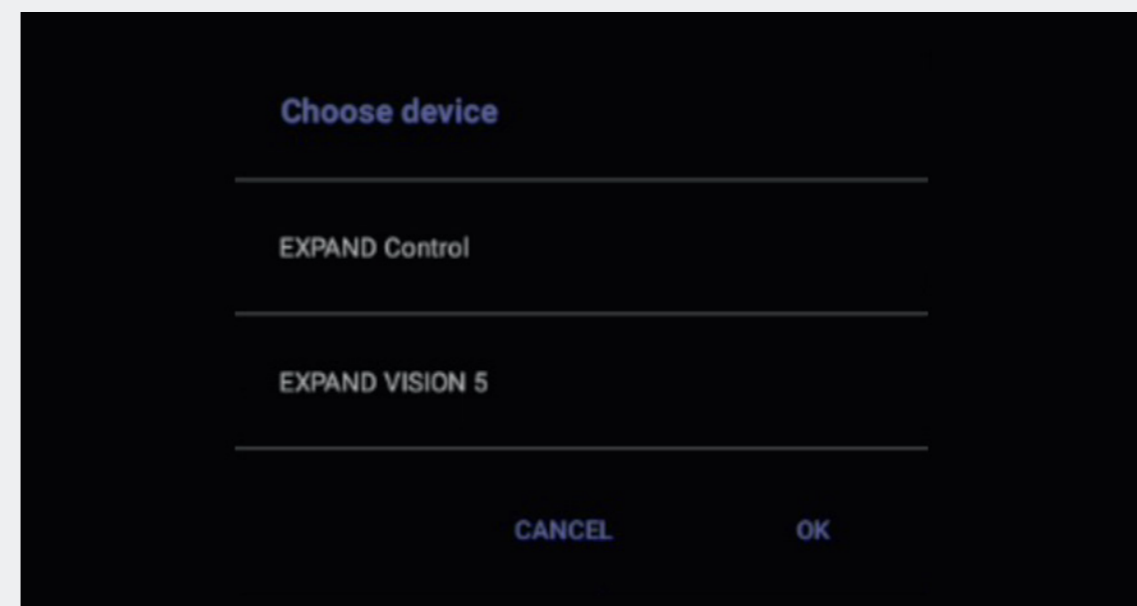


Choose static and then OK.

Network Settings



Static IP > Choose Ethernet IP mode.



Choose relevant unit. It is recommended to start with the EXPAND Vision video device as you will lose pairing between EXPAND Controller and Video device once IP address is changed. Afterwards, change the IP address of the EXPAND Controller. You may need to reboot both devices to get the pairing running again. **NB! The devices have to be in the same subnet to successfully pair.**

USB Mode

IP address
192.168.1.128

Gateway
192.168.1.1

Netmask
255.255.255.0

DNS 1
8.8.8.8

DNS 2
8.8.4.4

Proxy NONE

Insert your network data.

← Device Settings

Admin settings

USB Mode

Network

Wi-Fi

Debug tools

Admin password

USB Mode

USB mode is on by default.

Proxy Settings

Proxy

Hostname

Port

CLEAR FINISH

Device Settings > Proxy Enable Proxy and insert Hostname and Port (Optional).

Factory Reset – EPOS EXPAND Vision 5

← Device Settings

Device name

Admin settings

Network

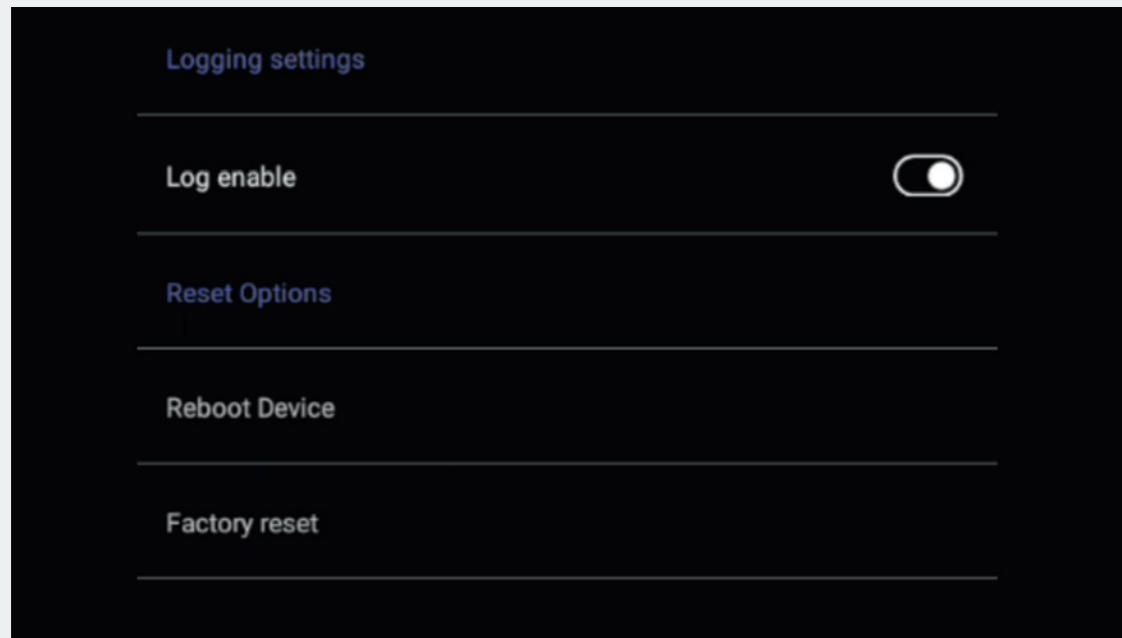
Wi-Fi

Debug tools

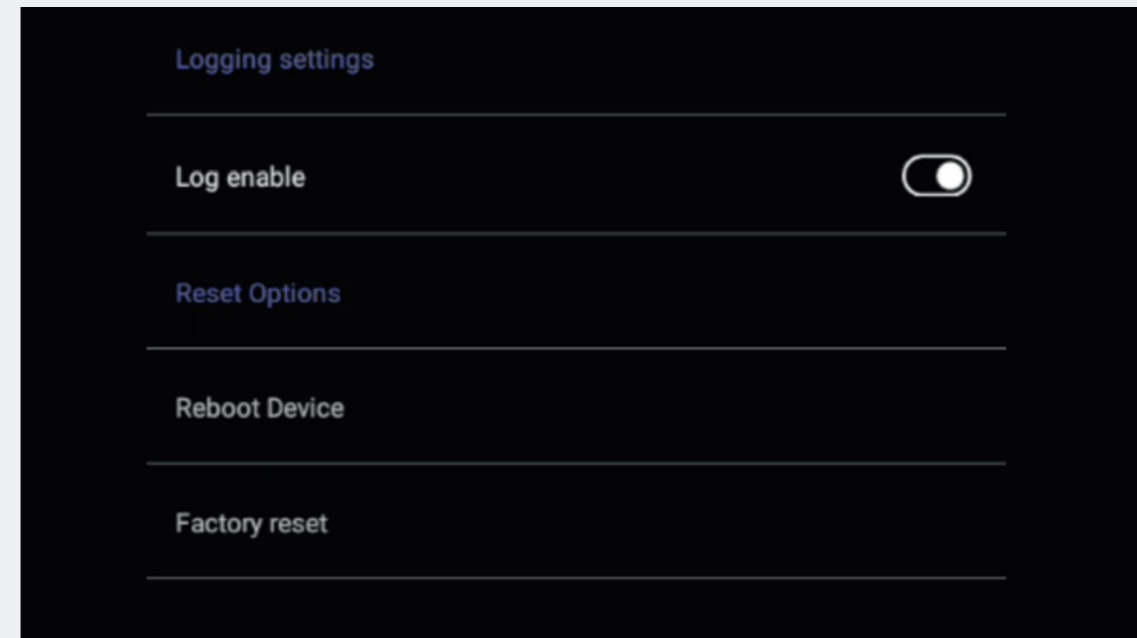
Admin password

Enter admin password ENTER

Device Settings > Debug Tools > default password is 0000.
Always start with the video device as pairing will be lost between controller and video device.



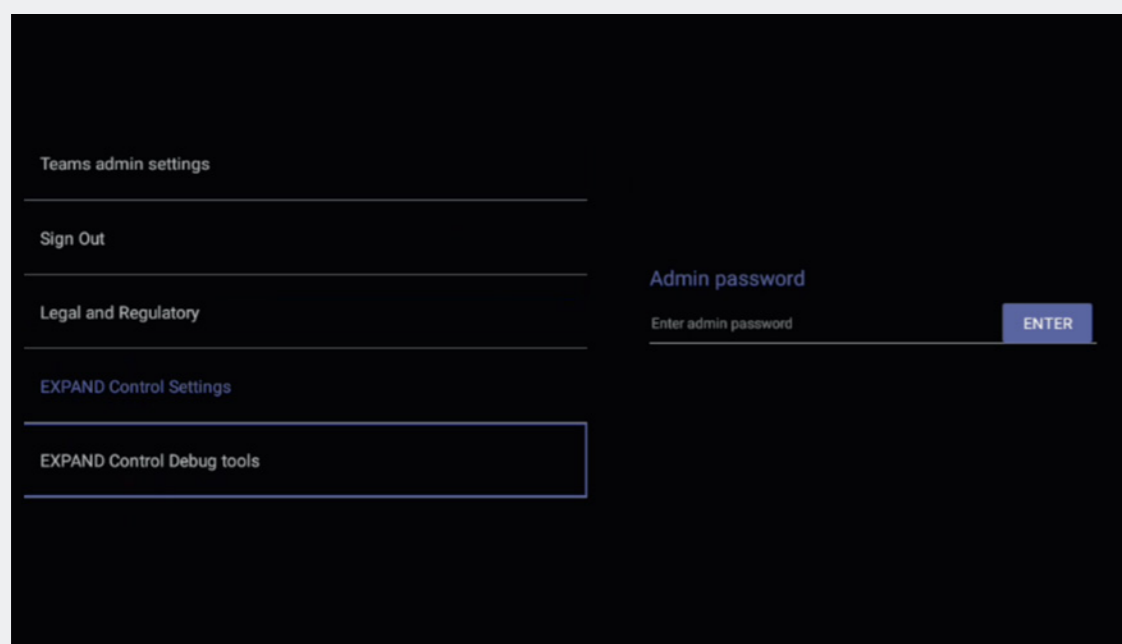
Choose Factory reset.



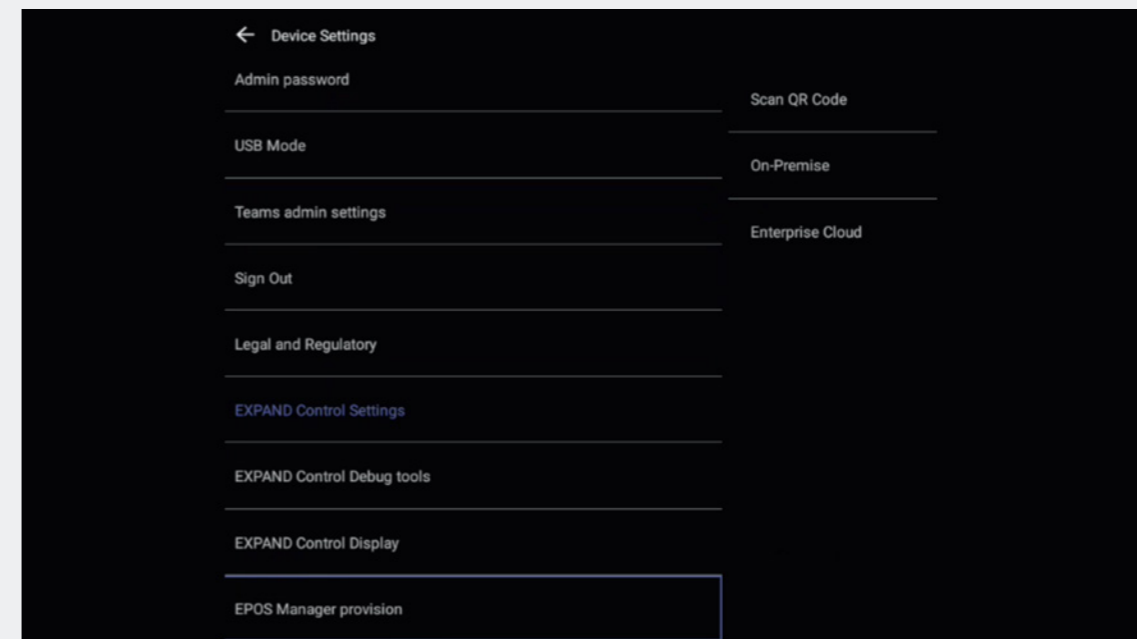
Choose Factory reset.

Factory Reset – EPOS EXPAND Control

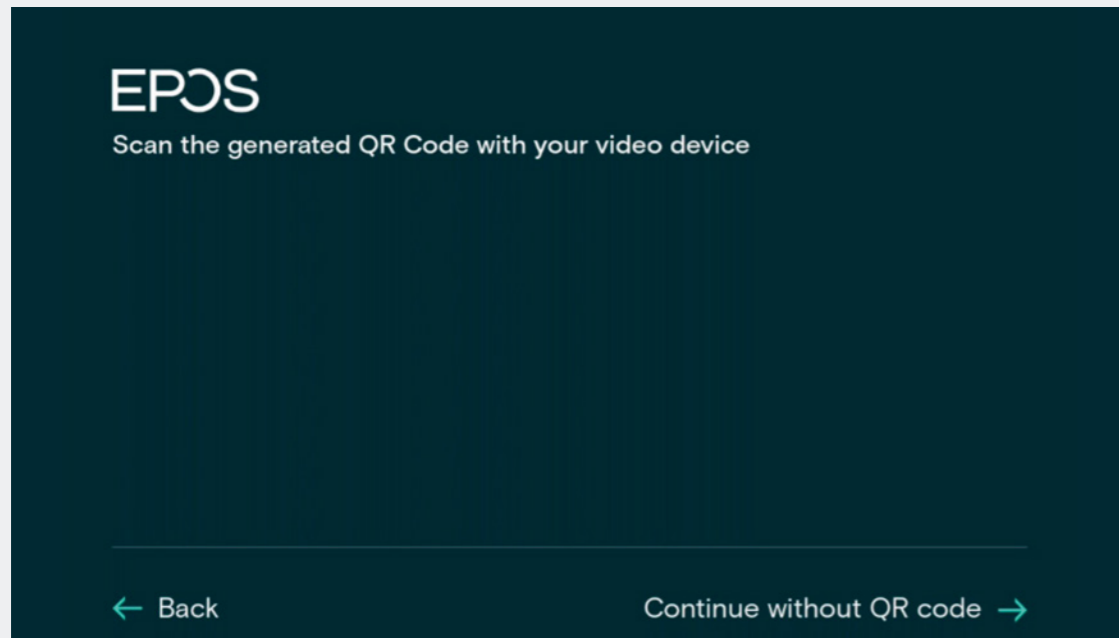
EPOS Manager Provisioning



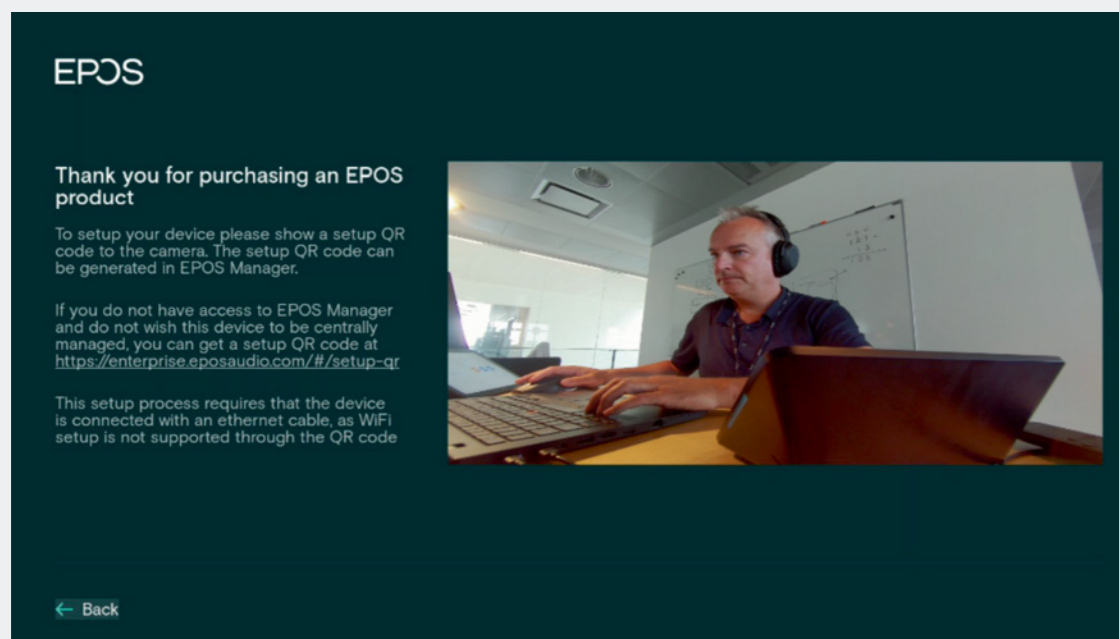
Device Settings > EXPAND Control Debug Tools > default password is 0000.



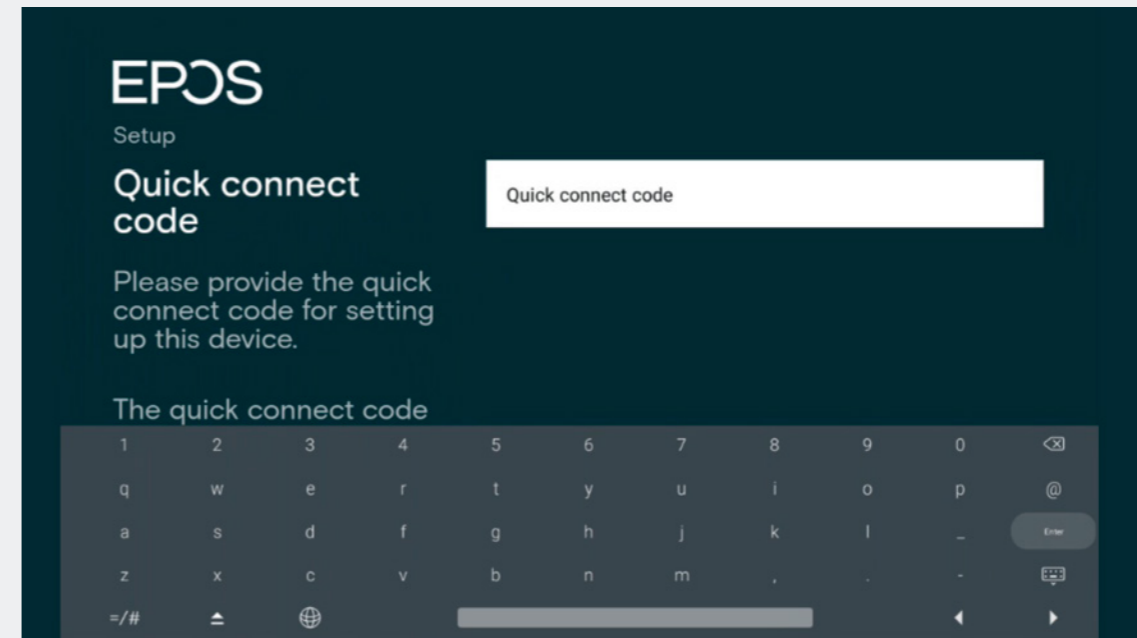
If you didn't enroll the device into EPOS Manager to begin with, you can create your QR code and insert the QR Code in the system. Scan you QR code, choose on-prem and Enterprise Cloud.



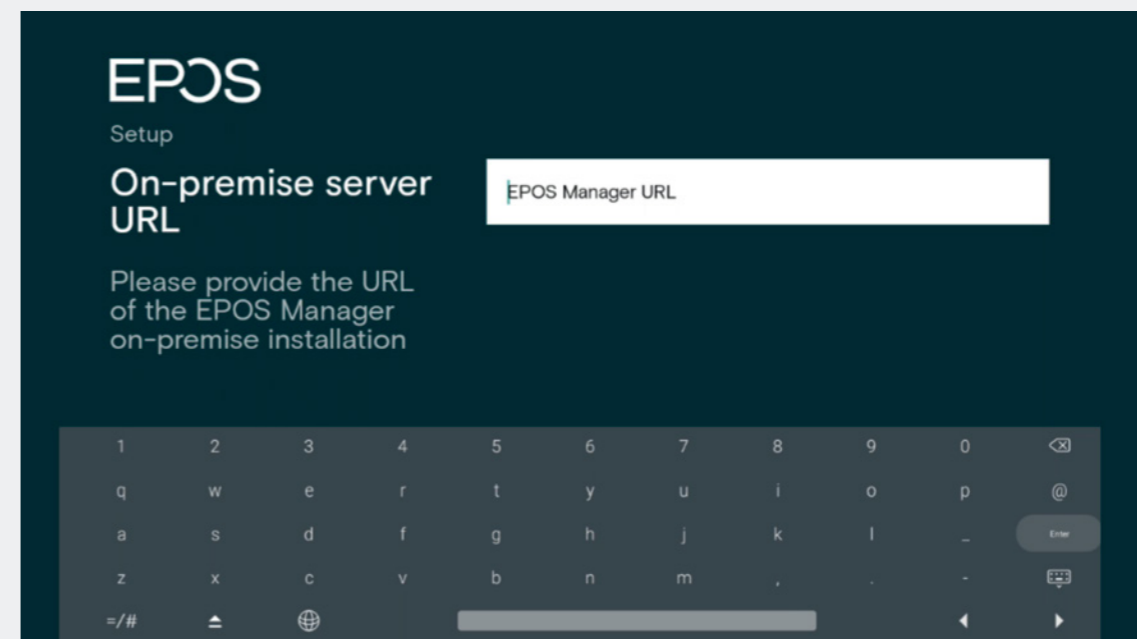
EXPAND Control Scan QR code.
Scan QR code > point your QR code to the camera.



Monitor scan QR code.

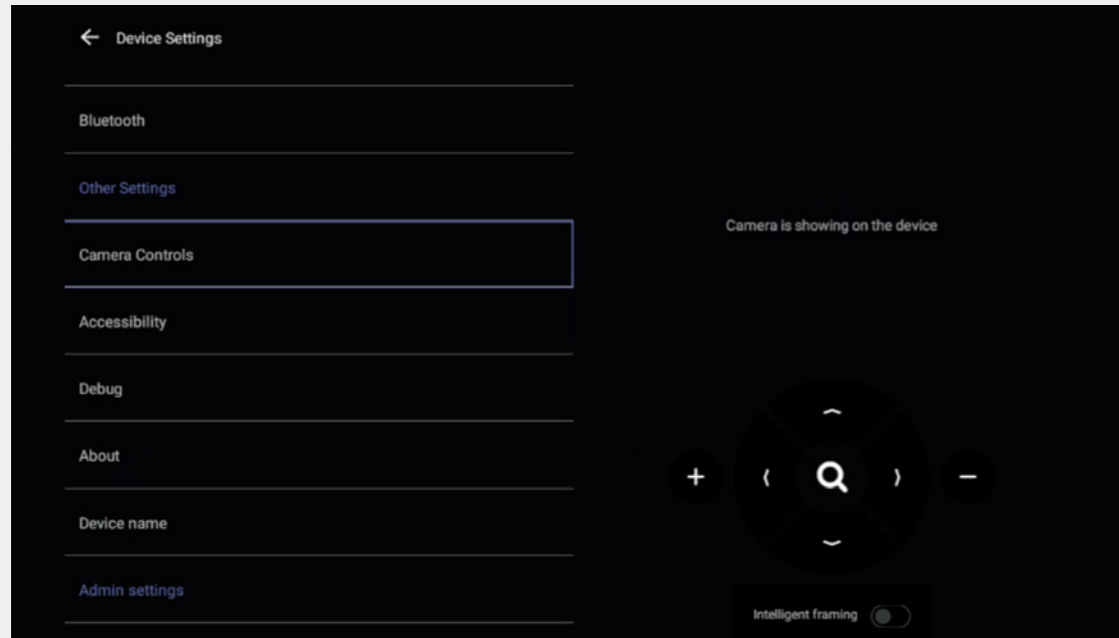


EPOS Manager Provision Save & Continue.



On premise URL.

Camera Settings



Device settings > Camera settings

Video feed will be displayed on the monitor.

Ensure the camera is properly adjusted. You also have the option to enable intelligent framing. This feature allows the camera to adjust the video feed based on the number of people and their positions in the video room.

Learn more about how to install and use the EXPAND Vision 5 here:

Access the learning videos:

[EPOS Employees](#)

[Partners and Customers](#)

THE POWER OF AUDIO

EPOS

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