BYOD Room Installation Guide

EXPAND Vision 5

USB mode (BYOD) Installation Guide

Requirements

Included:

- EXPAND Vision 5
- EXPAND Control (Optional) 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
- USB-C to USB-C Cable
- HDMI Cable (For content sharing)

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)
- EXPAND 80 Speakerphone + 2 extension mics for EXPAND 80

What to Consider

Prerequisites

The BYOD mode allows you to participate in any type of meeting (Teams, Zoom, Webex, Ring Central, etc.) from either your laptop browser or application without the need for room licenses.

In a BYOD meeting room, the EXPAND Controller is not strictly necessary. However, it provides the ability to manage and configure the EXPAND Vision 5, including camera and volume adjustments. If your setup does not include a controller, we recommend ordering the EPOS Remote Control for easy access to the settings menu, where you can adjust the camera and volume.

Network Ports:

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

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 (eposaudio.com)

EPOS Manager

How to enroll EXPAND Vision 5 to EPOS Manager

Sign up for a tenant here:
EPOS Manager (eposaudio.com)

Log in to the EPOS Manager tenant:

Choose Provision > Create quick connect code

Enter the data relevant to your video device. If you do not limit the 'Number of Devices Allowed', the QR code can be reused for multiple video devices. After entering the data, select 'Save'. Then, use the QR code to enroll the device with the provided settings and register it with the EPOS Manager.

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

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 here.
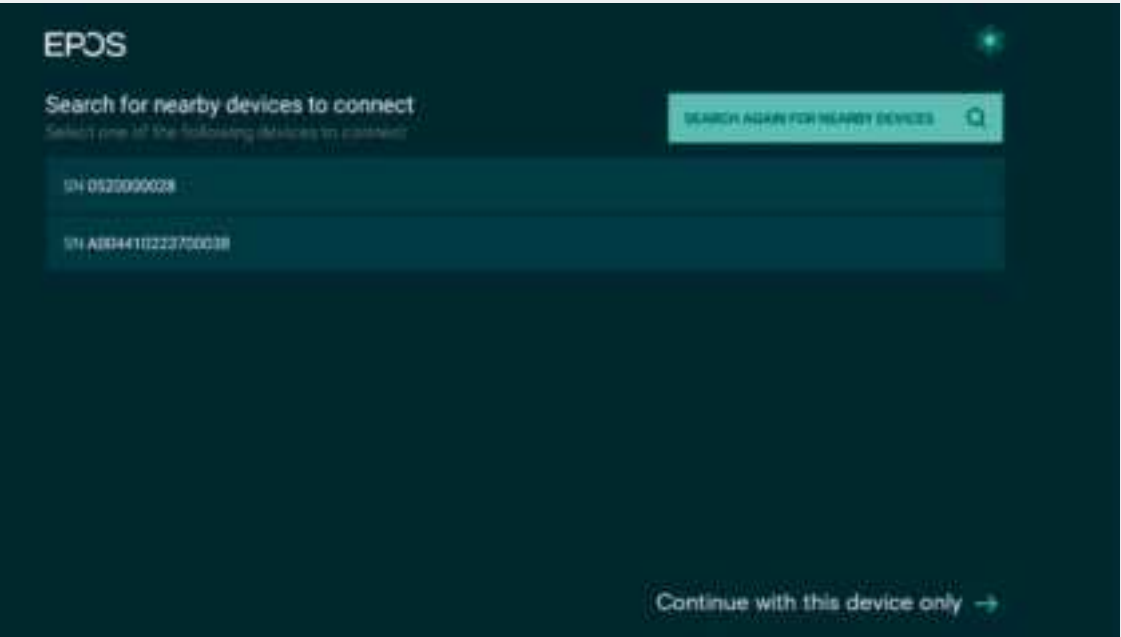
Attach the PoE network to the EXPAND Control with enclosed network cable. Choose the serial number of the EXPAND Vision 5. Serial number is displayed on the monitor.
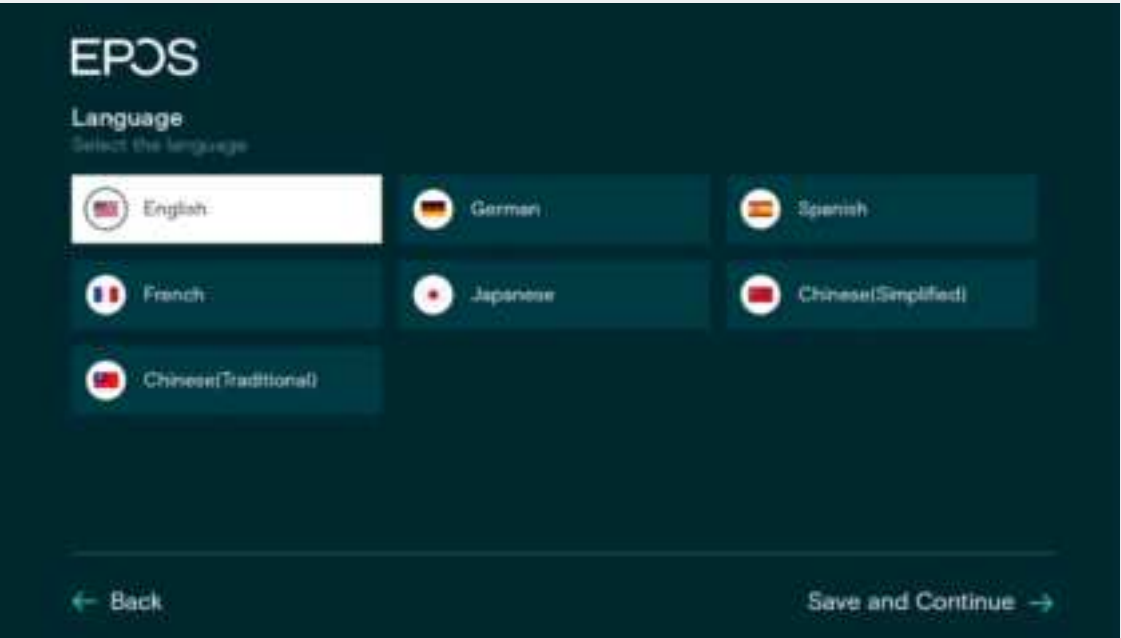
Use the created QR code to enroll the devices into EPOS Manager. The system will automatically deploy the settings contained in the QR code and upgrade the EXPAND Vision 5 and EXPAND Control to the latest FW.
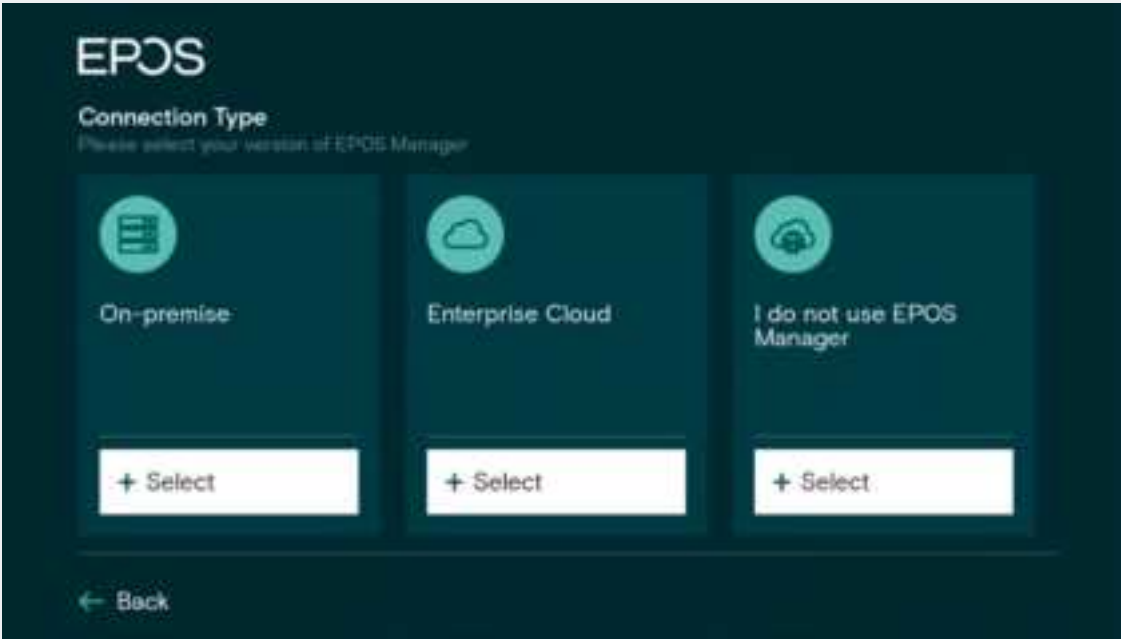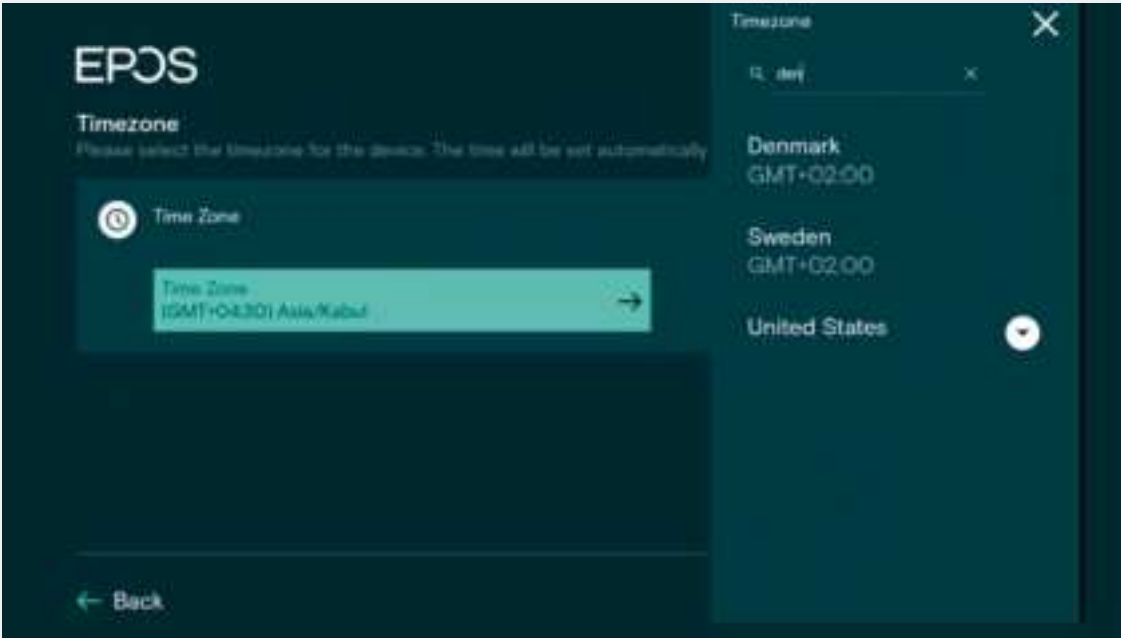
Enrollment without QR code
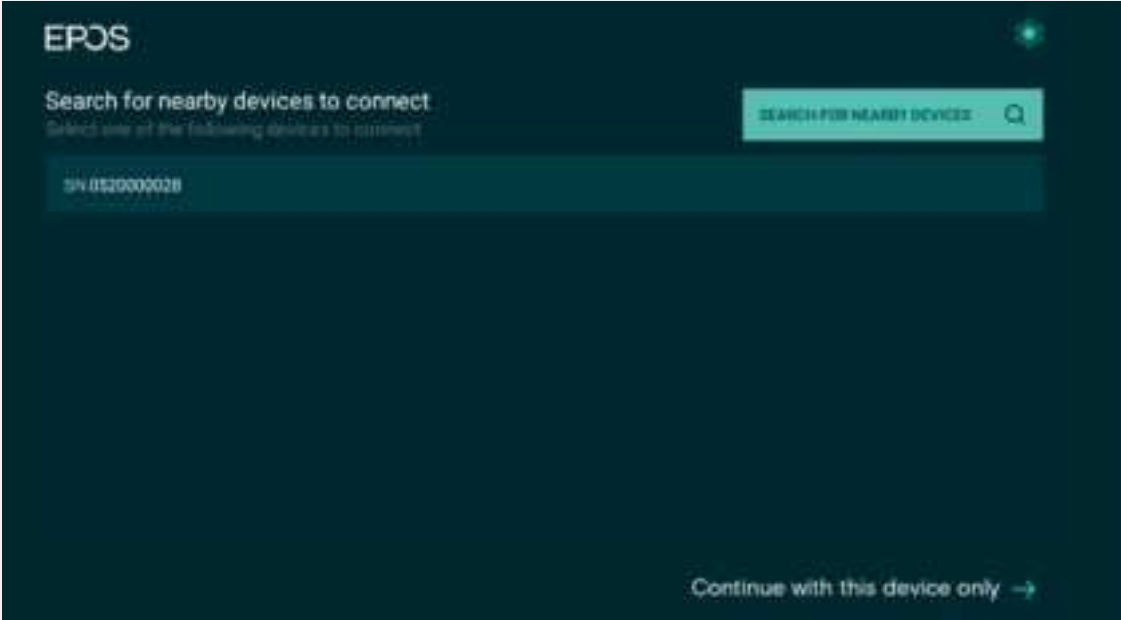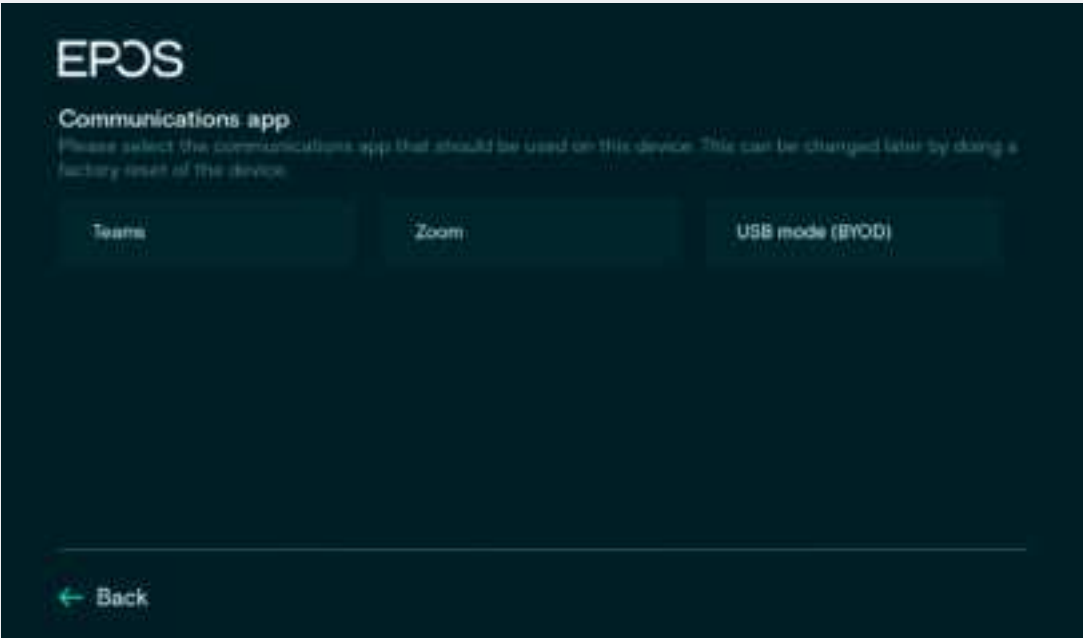

Choose Continue with this device only.
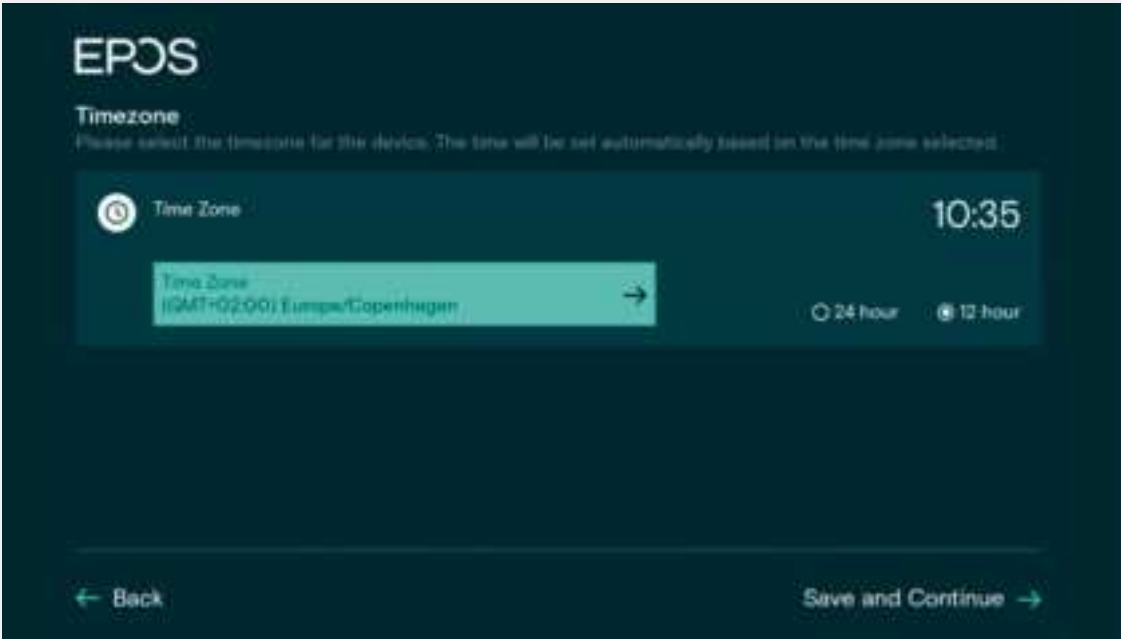

Choose Language > Save and Continue.

I do not use EPOS Manager > choose select.

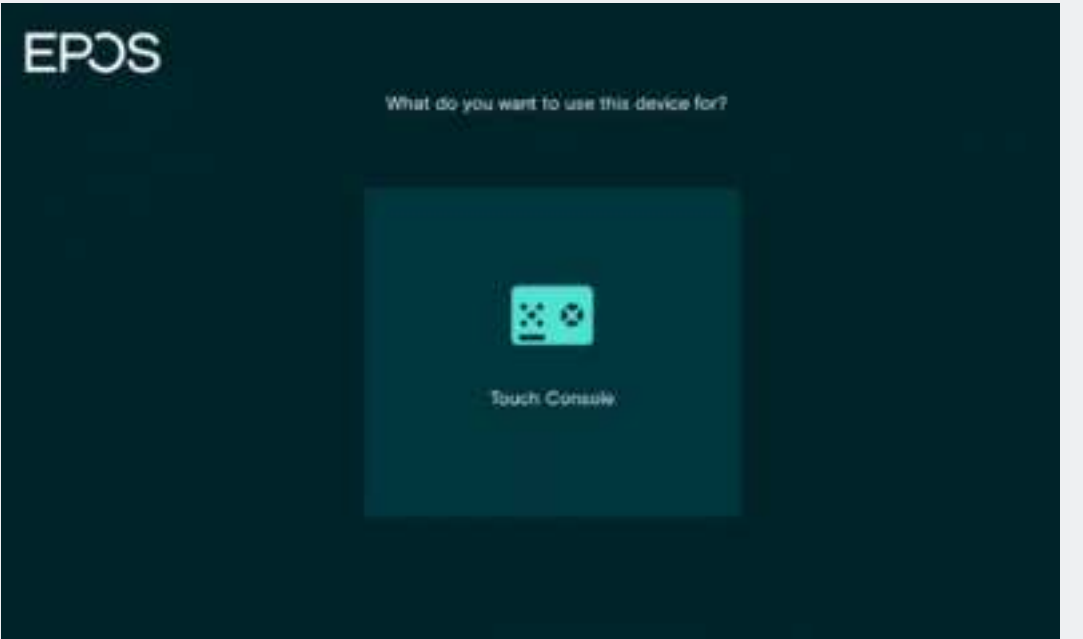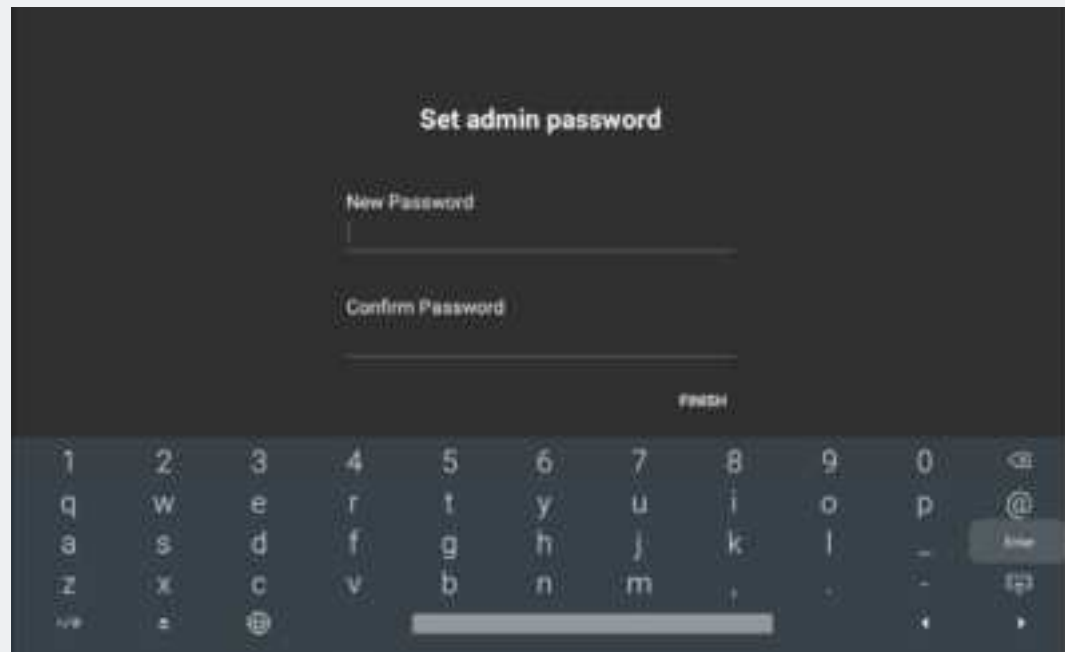Search for your Time zone.

Pick your Country / Time zone and hour.

Choose USB mode (BYOD).

Choose Touch Console.

Choose Finish and setup is completed. Default password is 0000 but best practice is to change this.

Setup is completed.

Connect a USB-C cable to the device's USB-C port and a HDMI cable to the 'HDMI in' of the EXPAND Vision 5. Then, connect these cables to your laptop to facilitate the BYOD meeting.
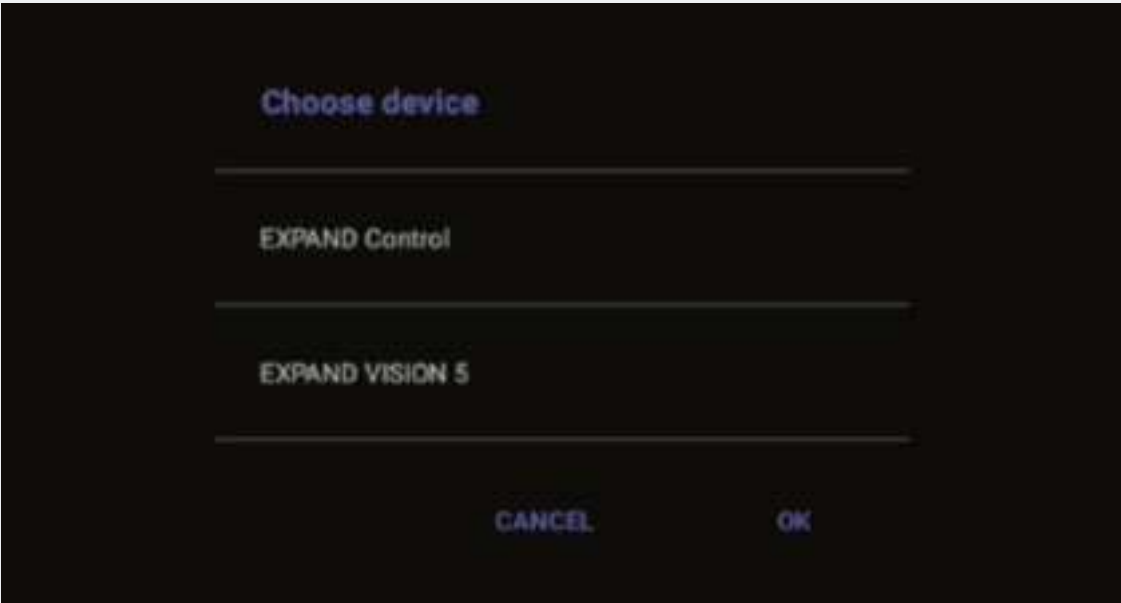
Device Settings

Update Language

Choose your local language.

Update Date & Time

Choose relevant Time Zone.

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 OOOO.

Insert relevant information and choose SAVE.

Verify Device Details

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

Network Settings

Static IP > Choose Ethernet IP mode.

Choose static and then OK.

Choose relevant unit. It is recommended to start with the EXPAND Vison 5 as you will lose paring between EXPAND Control and EXPAND Vision 5 once IP address is changed. Afterwards, change the IP address of the EXPAND Control. You may need to reboot both devices to get the pairing running again. **NB! The devices must be in the same subnet to successfully pair.**
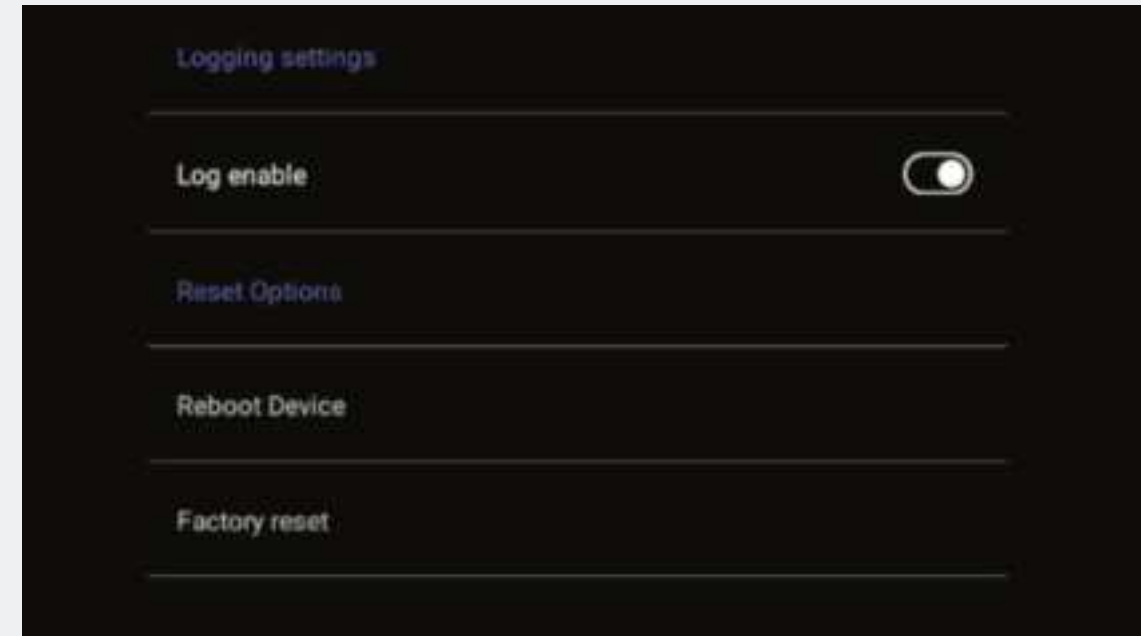

Insert your network data

Proxy Settings

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

USB Mode

USB mode is on by default
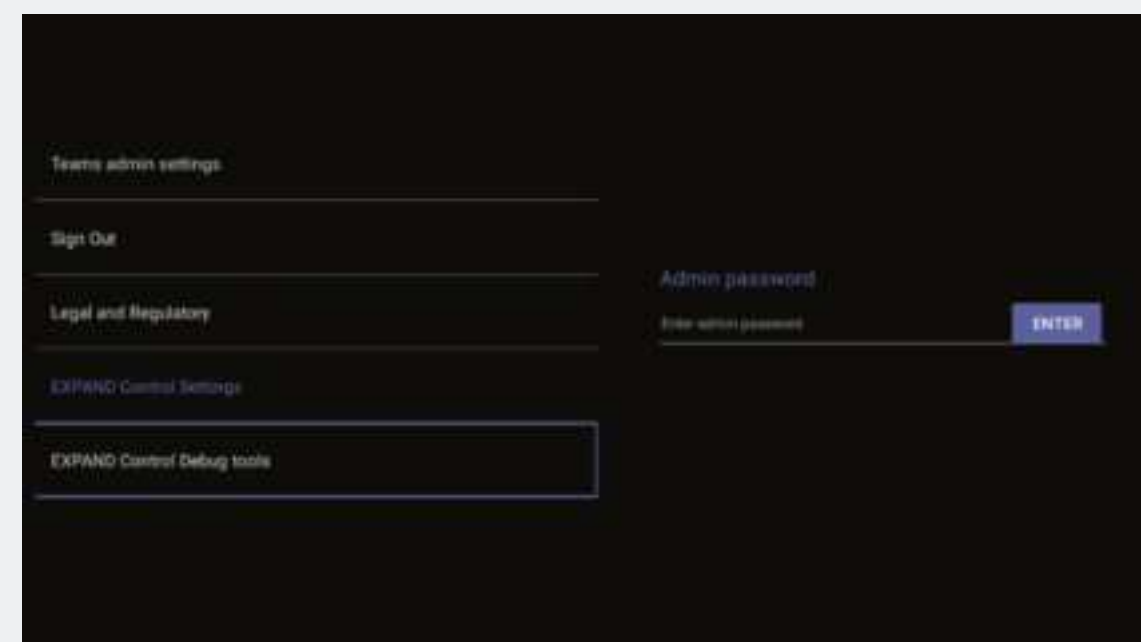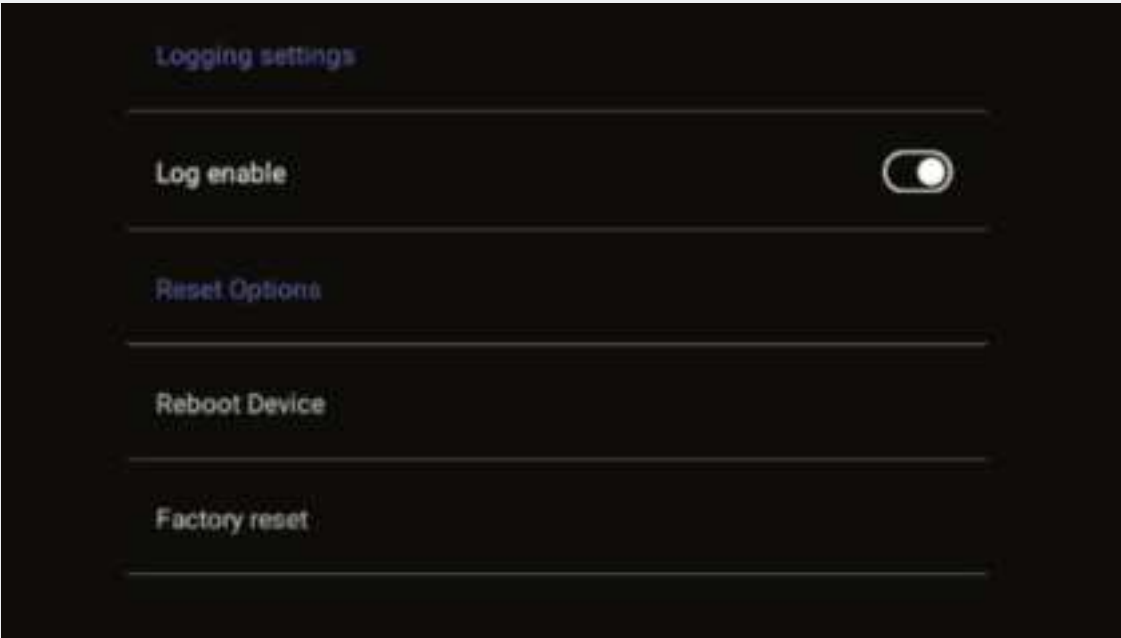
Factory Reset – EPOS EXPAND Vision 5
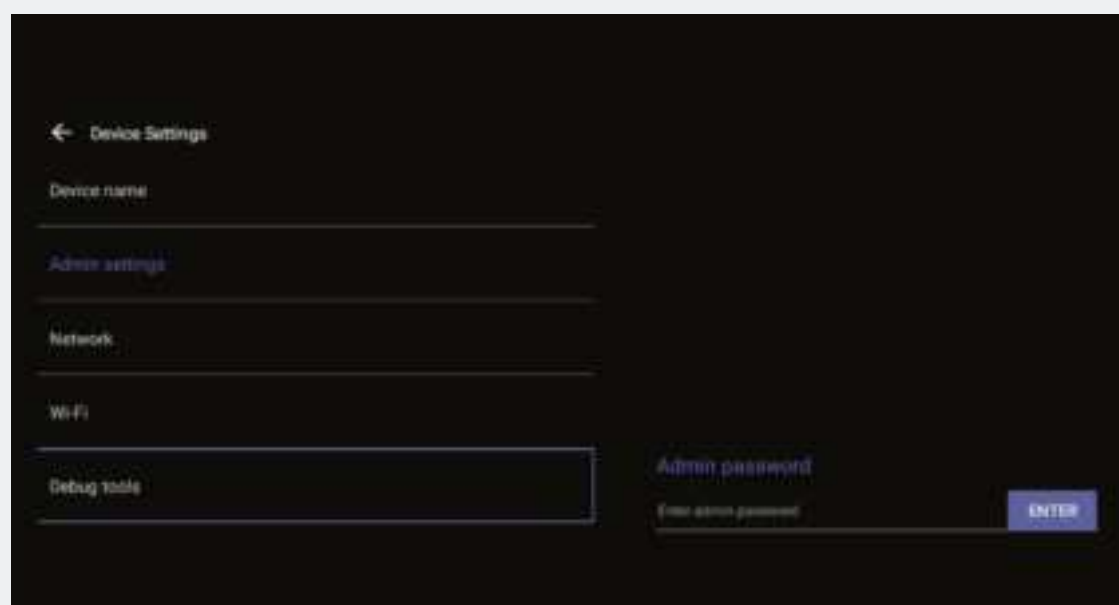
Device Settings > Debug Tools > default password is 0000.
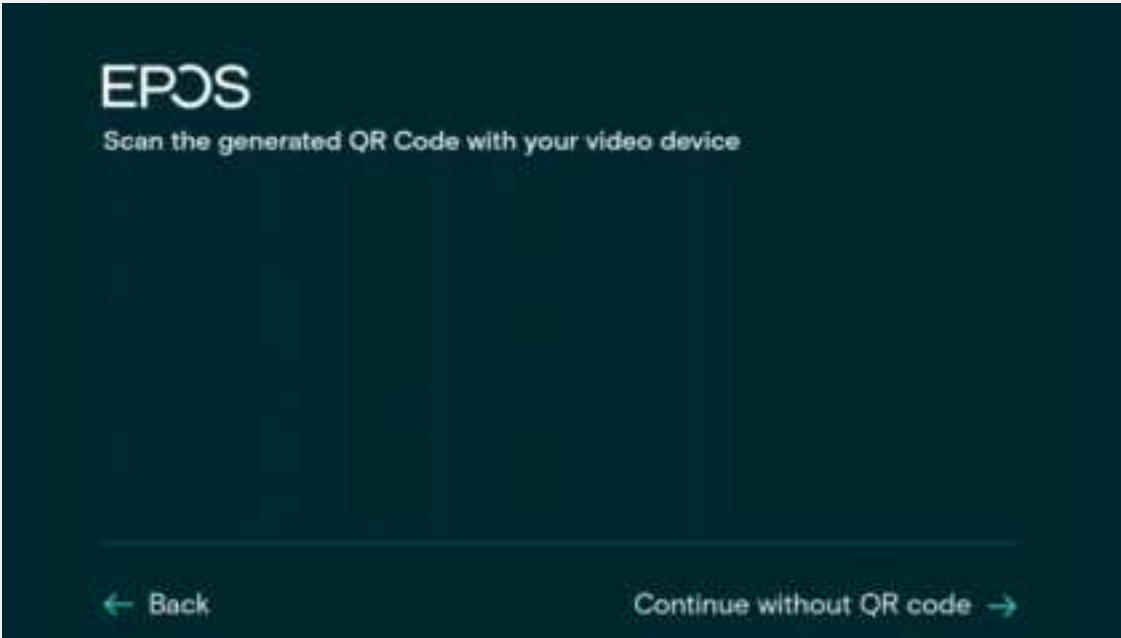Always start with the video device as pairing will be lost between controller and video device.

Choose Factory reset.

Factory Reset – EPOS EXPAND Control

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

Choose Factory reset.
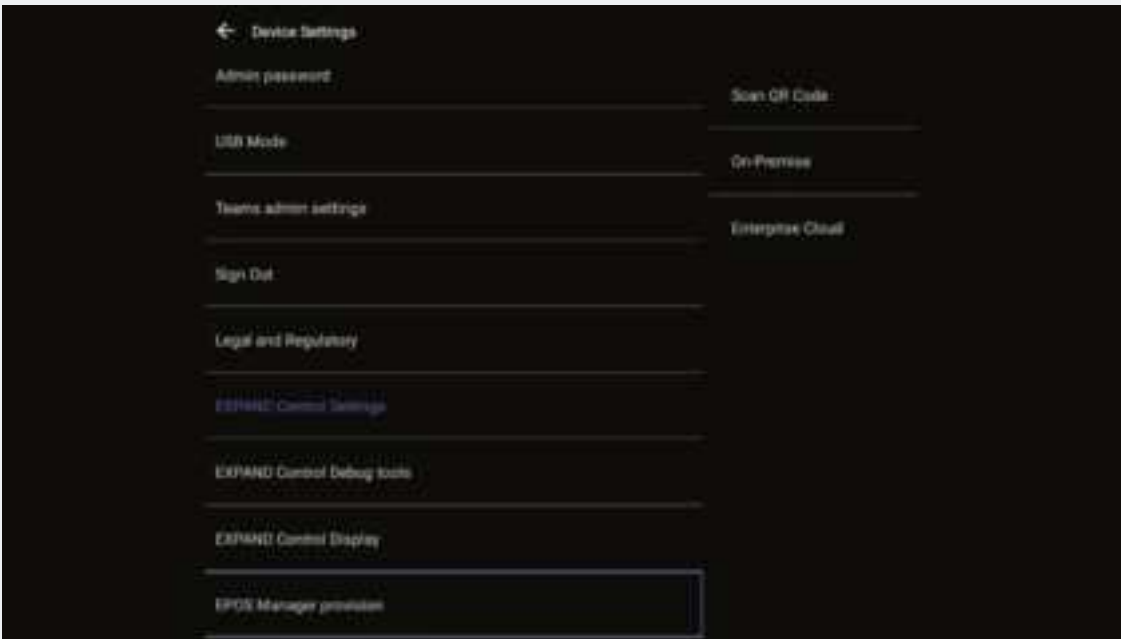
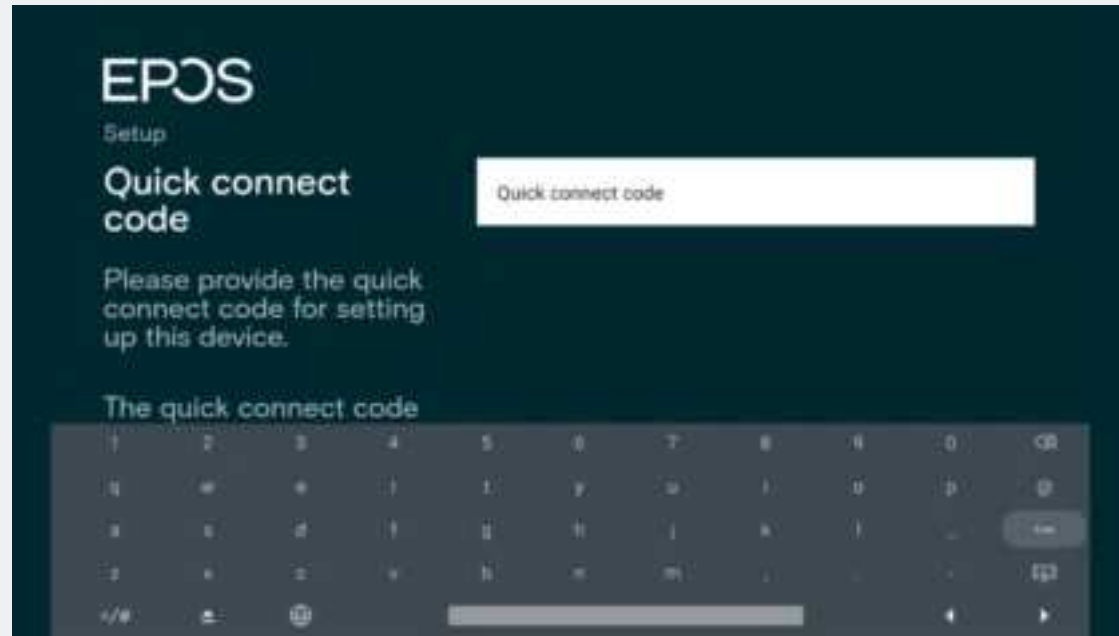# EPOS Manager Provisioning

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.
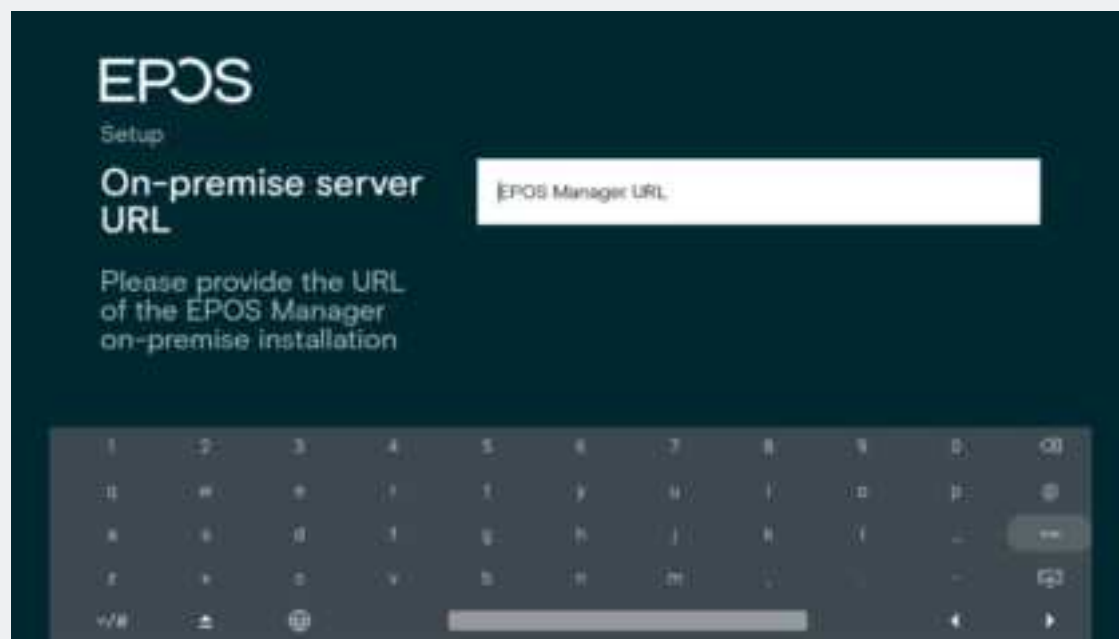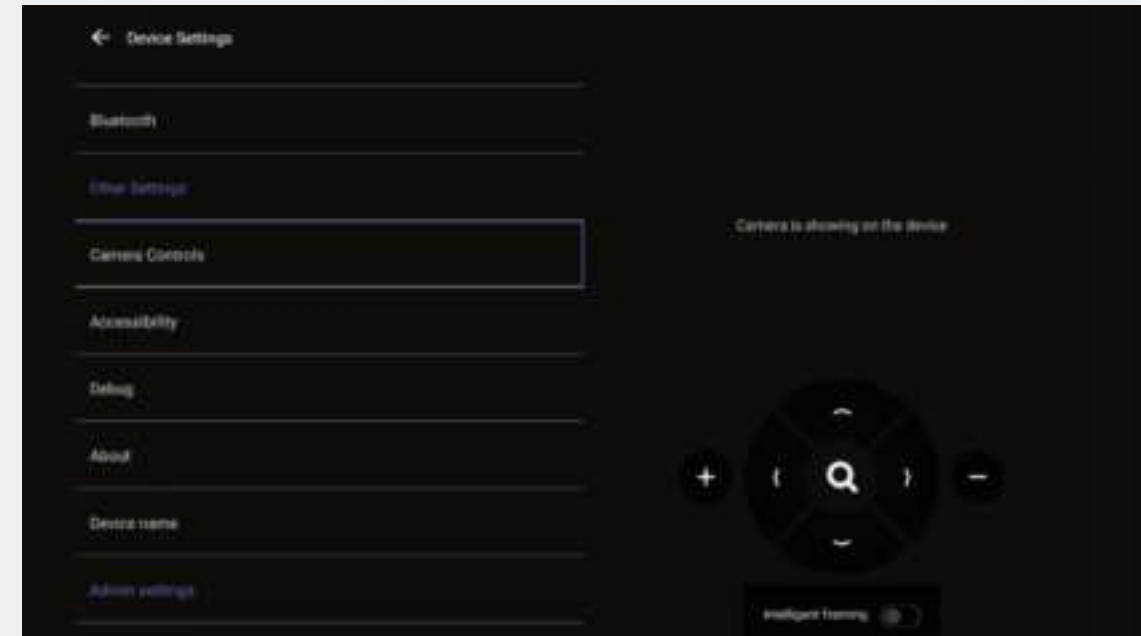

EXPAND Control Scan QR code.
Scan QR code > point your QR code to the camera.

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:

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