EPOS

Guide

EXPAND Vision 5

What to Consider

Requirements

Included:

- EXPAND Control meeting room controller
- HDMI Cable (Connects EXPAND Vision 5 and the Display/Monitor)
- Power supply unit

Not included:

- Network cable (Connects EXPAND Vision 5 and network port)
- Display/TV Monitor (Wall display to see the remote participants)

Optional:

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

Prerequisites

Room Size:

EXPAND Vision 5 is designed for small and medium-sized meeting rooms for up to 11 participants

Network Ports

- 2 Network ports in each video meeting room. To pair Expand controller with Expand Vision video devices the network ports must be in the same subnet. At least one of the ports needs to have PoE to power up the Expand Controller connecting with a network cable. Prepare your network

Microsoft Teams License

- Learn more about assignment and configuration of MTR Room Basic or PRO license here

Firewall port opening

- The tool probes your network to check if all firewall ports are open.
  If ports are not reachable you have to open the relevant ports on your security platforms.
  Firewall port opening for MS Teams (Network Assessment tool)

For more information see the EXPAND Vision 5 User Guide

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

How to enroll video device 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

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

Company Name : EPOS HQ BETA TENANT

Quick Connect Codes

Create Quick Connect Code

EPOS

Company Name : EPOS HQ BETA TENANT   Tenant Name : EPOS HQ BETA TENANT

Edit Quick Connect Code

Quick Connect Name *	EV5_EX_BNSR
Expiry Date	Never Expires
Number Of Devices Allowed	Unlimited

Device Settings

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

Communication App *	Teams
Language *	English
Timezone *	Europe/Copenhagen
Timeformat *	24-hour
Password *	0000

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 →

Attach all relevant cables to the Expand Video Device. Always attach the Power cord last. Let the device boot up. (refer to connection guide already made)

EPOS

Search for nearby devices to connect
Select one of the following devices to connect

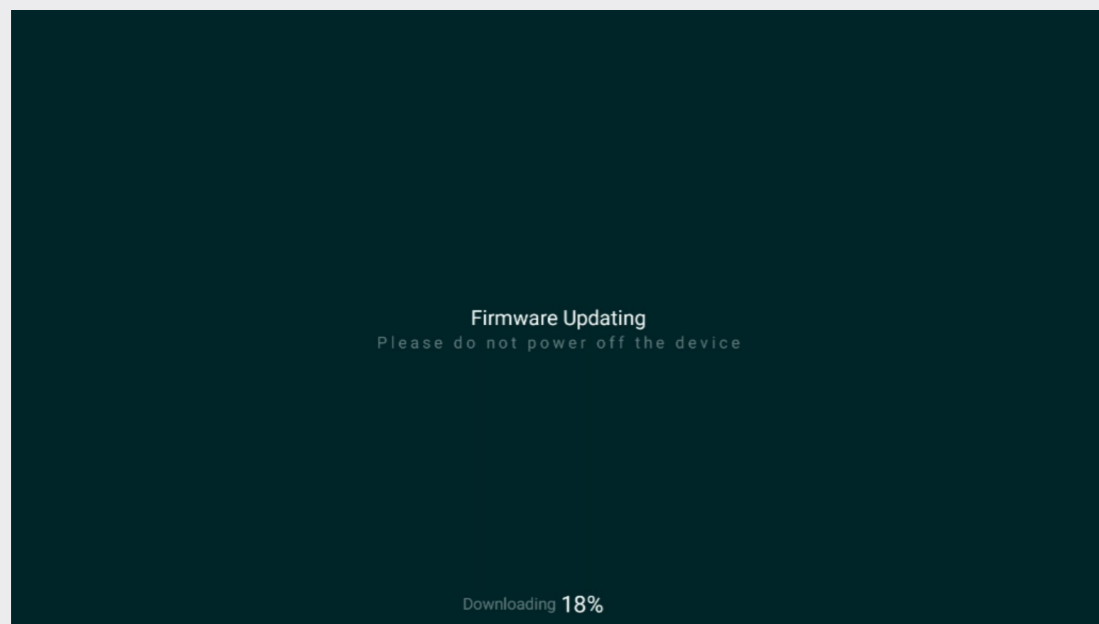SEARCH AGAIN FOR NEARBY DEVICES 🔍

SN 0520000028

SN A004410223700038
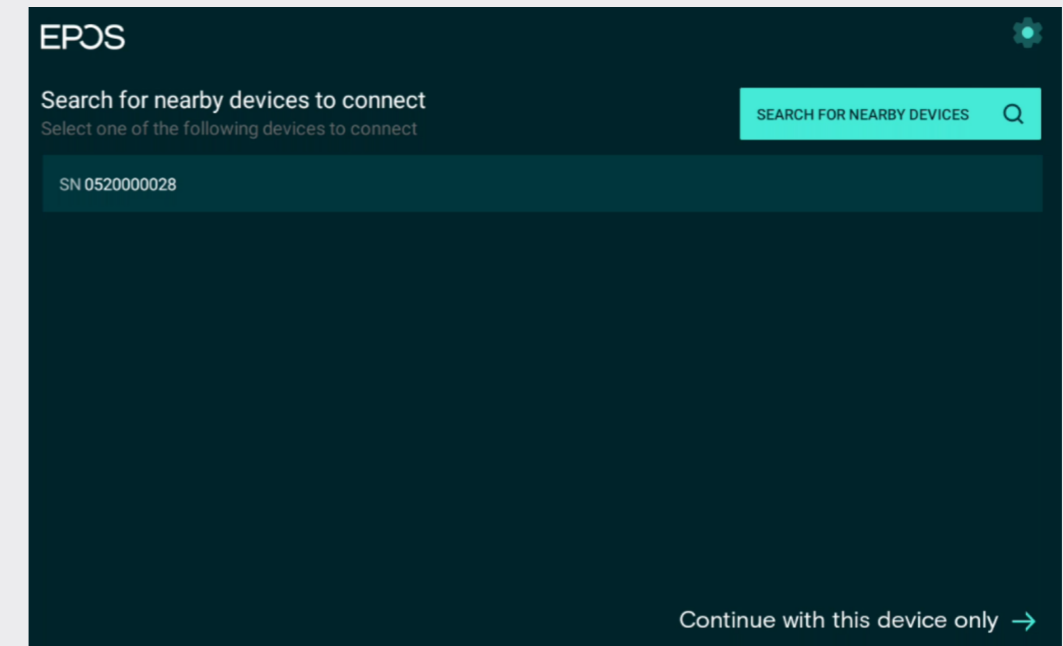
Continue with this device only →
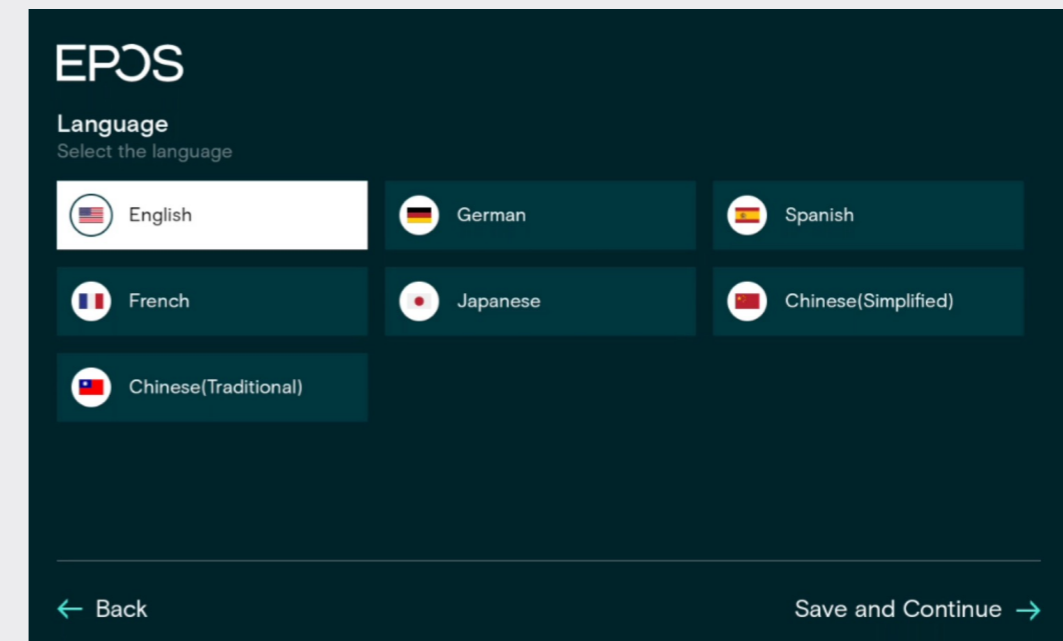
Controller

Display

Display

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 video device and controller to the latest FW.
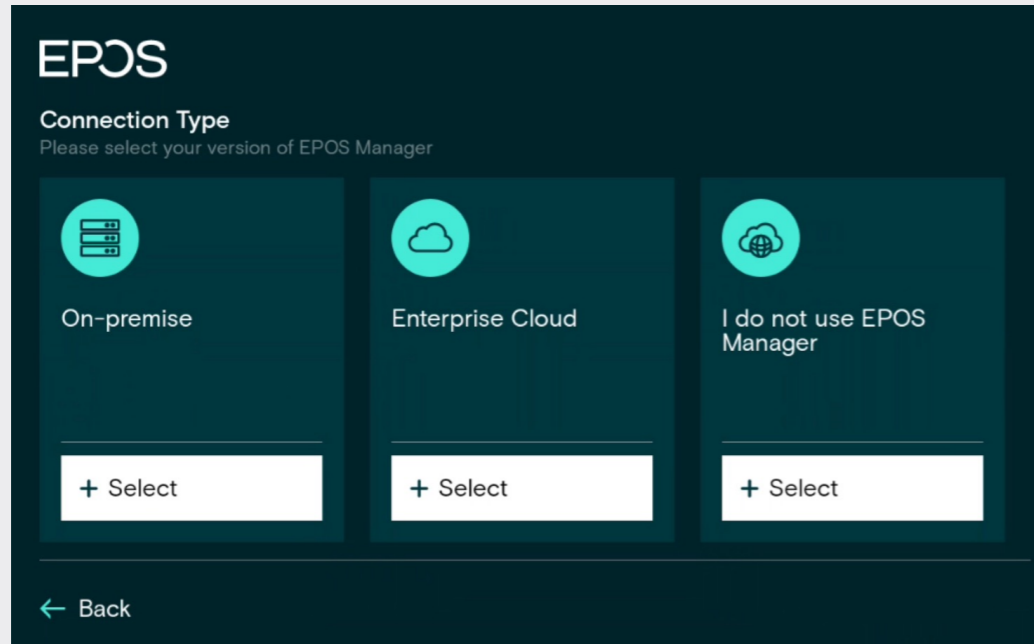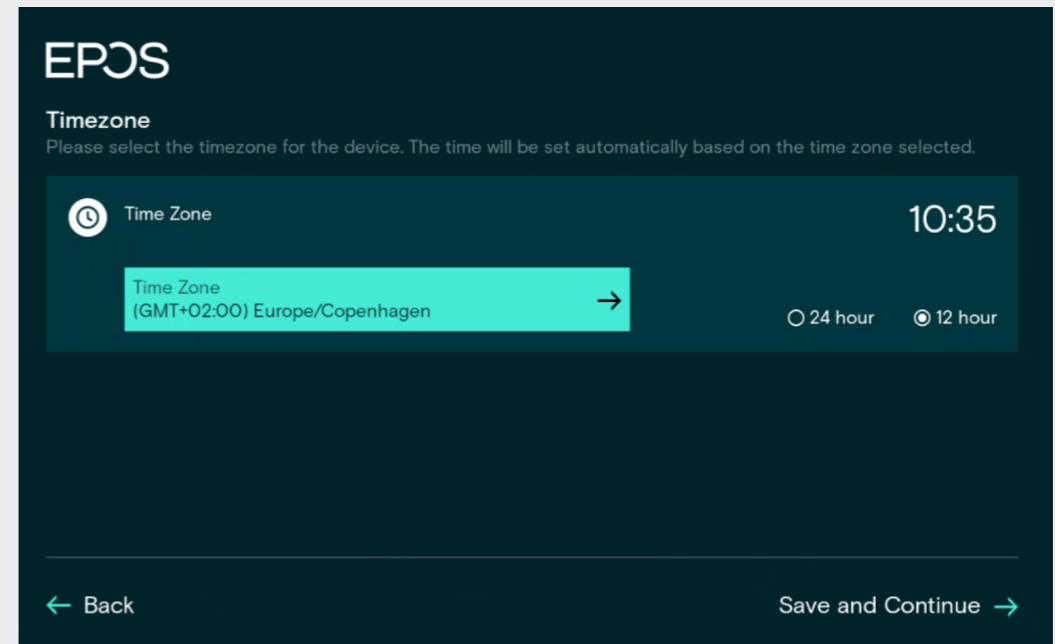
Enrollment without QR code
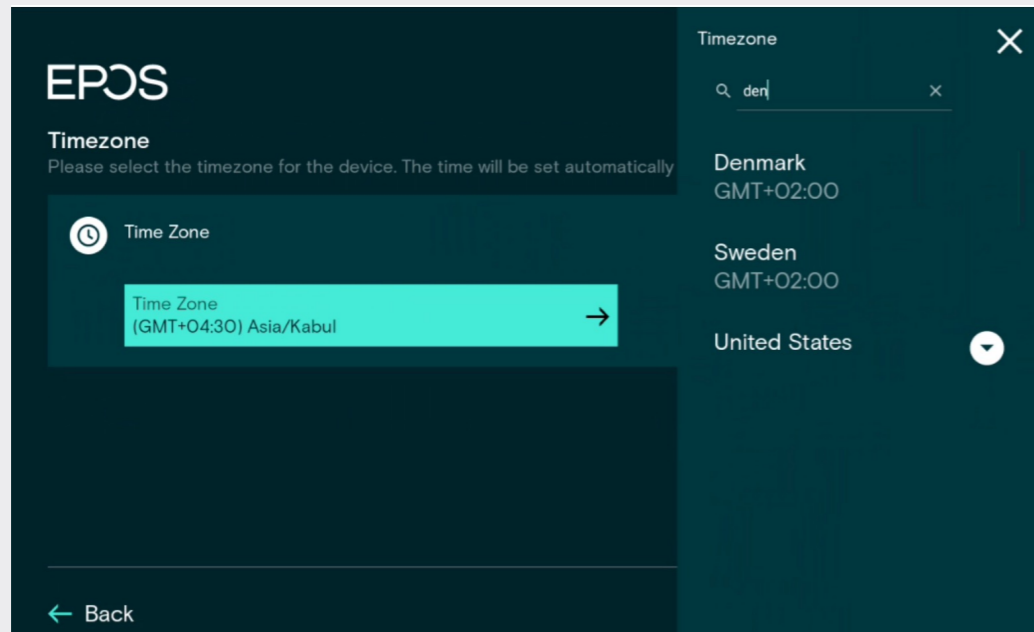

Choose Continue with this device only

Choose Language > Save and Continue

I do not use EPOS Manager > choose select
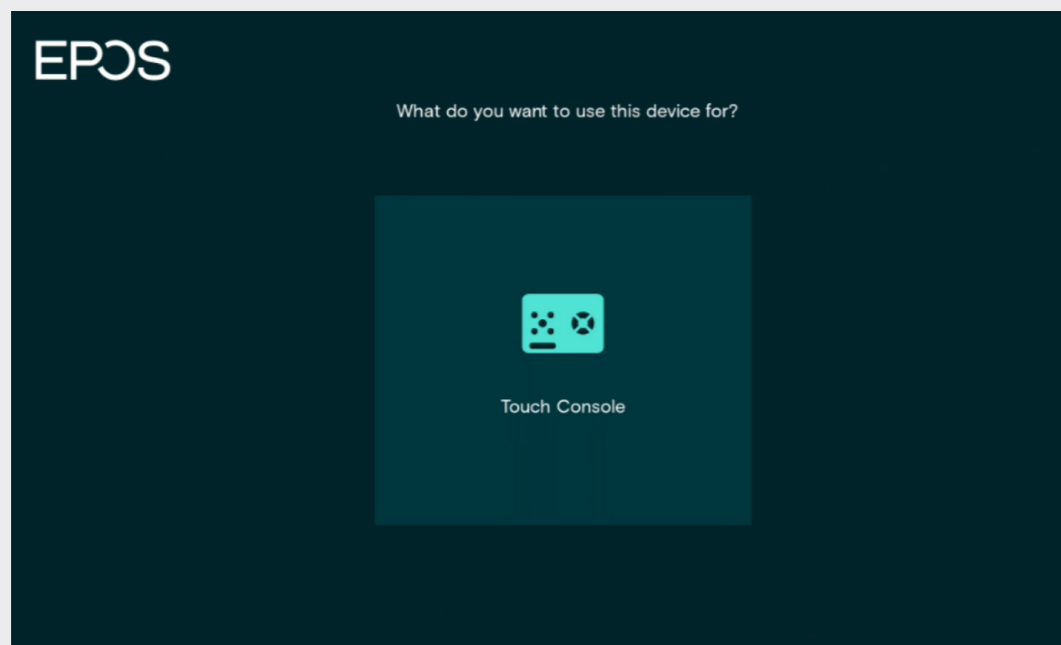

Search for your Time zone

Pick your Country/Time zone and hour
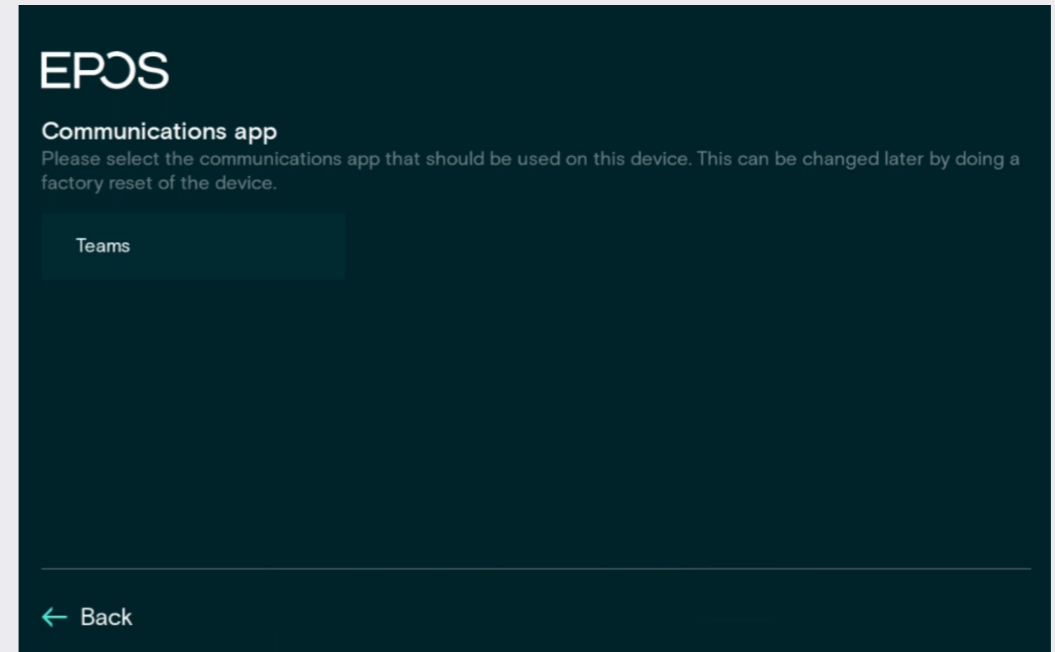
Choose Teams as UC provider for your product

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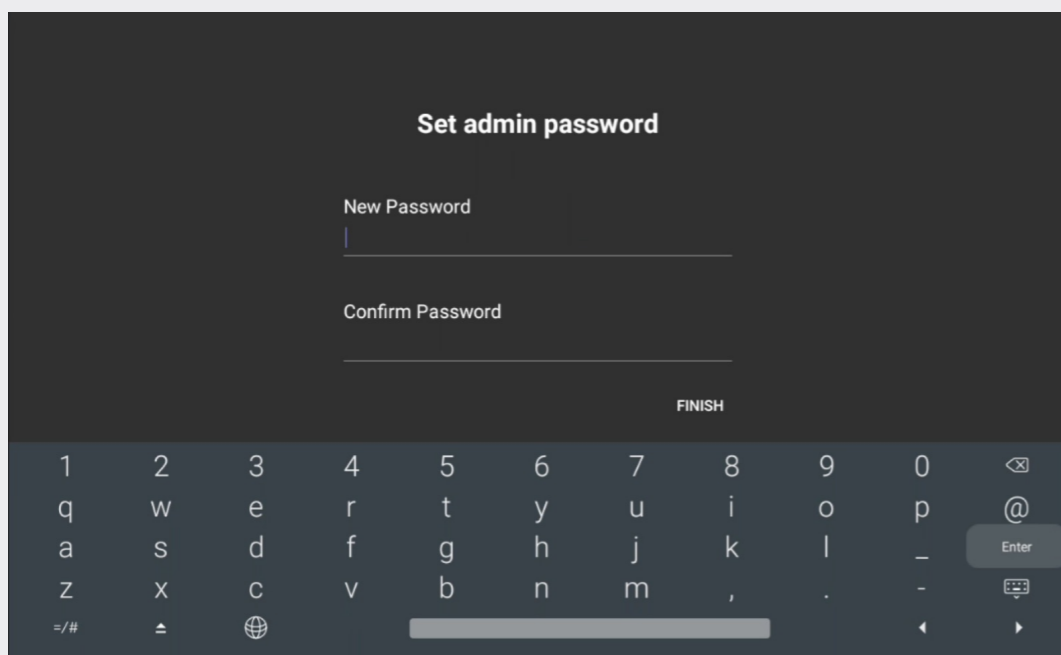
Choose Finish and setup is completed. Default password is 0000 but best practice is to change this.

Setup is completed > device will now start the MS teams login procedure.

EXPAND Vision 5 Display
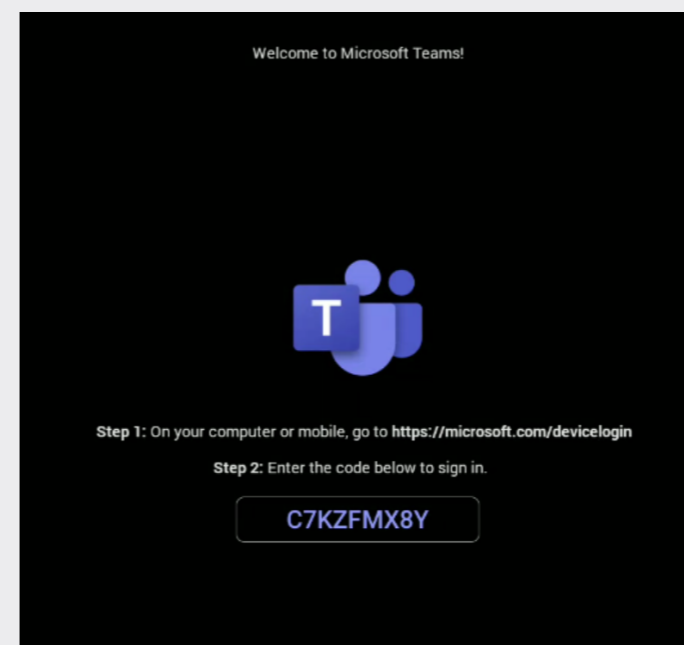
Expand Vision 5 MS teams login
Login into MS teams using the code displayed on the monitor of your Expand device (use the same MTR account for your
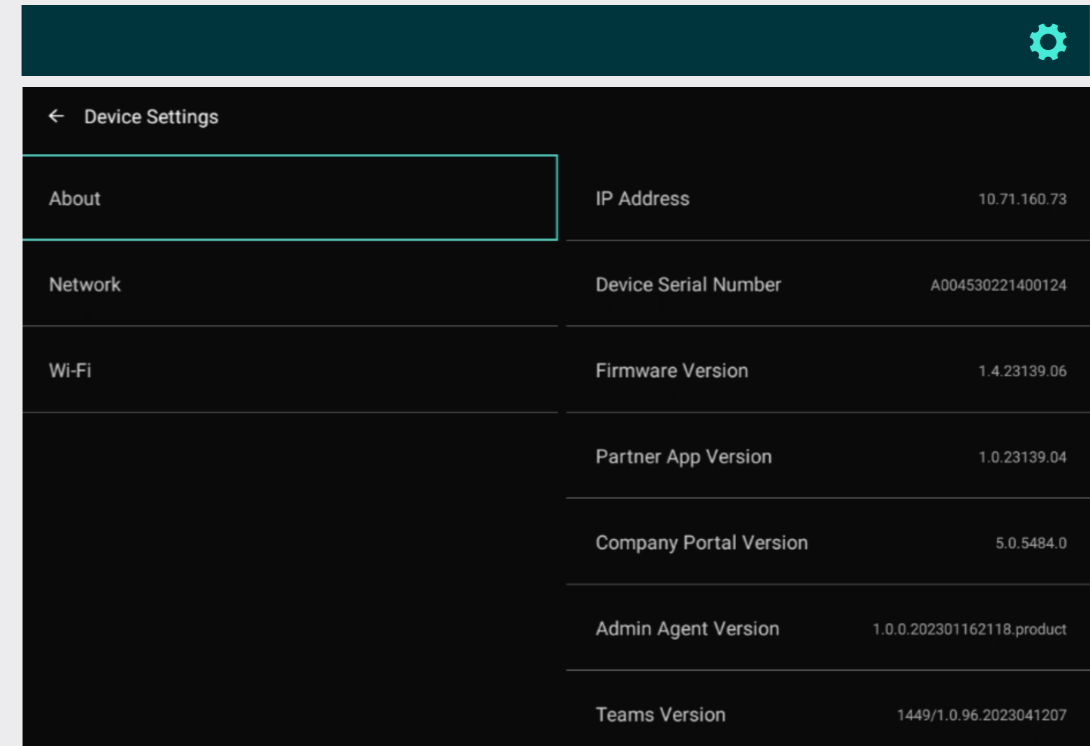Expand Vision video device and controller).
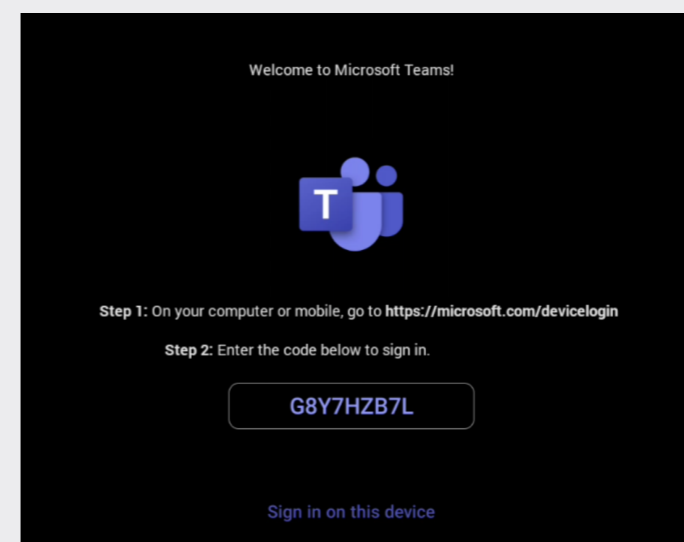
EXPAND Control

Expand Controller MS teams login
Login into MS teams using the code displayed on the monitor of your Expand device (use the same MTR account for your Expand Vision video device and controller).

EXPAND Controller
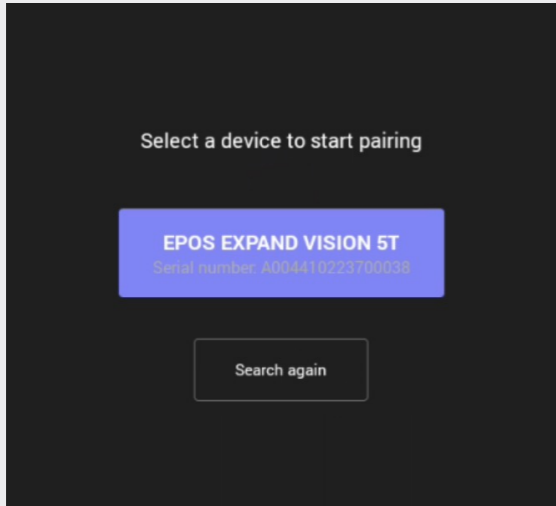
Choose EPOS EXPAND 5T to pair.
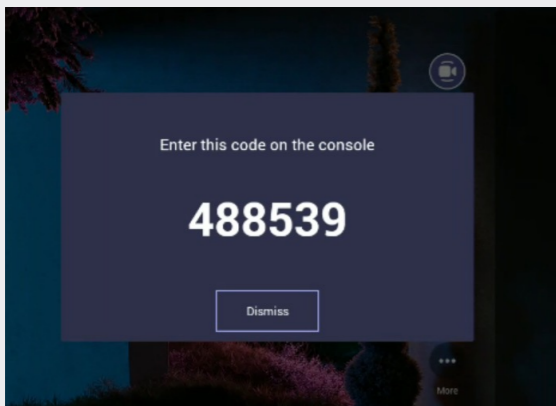
Pairing Code, code displayed on monitor of Expand Vision.
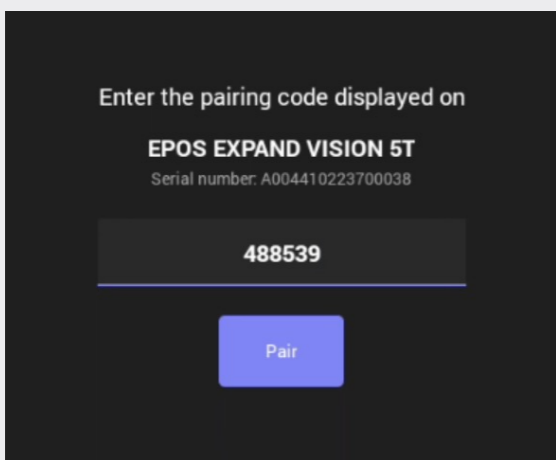
Type in the number from the Expand Vision displayed on the monitor and choose pair. Let the systems get paired and an All Set message will appear as successfully paired.
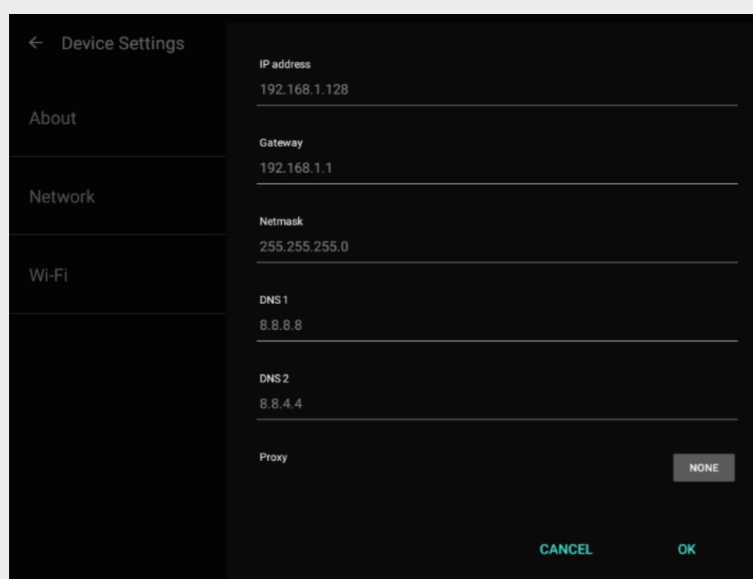
Optional settings for static IP address configuration

At first-time setup note the coq wheel in the right-hand corner. Tapping into this entry gives you the ability to set the device account to a static IP address required together with DNS, NTP and Proxy settings.

← Device Settings

About	IP Address	10.71.160.73
Network	Device Serial Number	A004530221400124
Wi-Fi	Firmware Version	1.4.23139.06
	Partner App Version	1.0.23139.04
	Company Portal Version	5.0.5484.0
	Admin Agent Version	1.0.0.202301162118.product
	Teams Version	1449/1.0.96.2023041207

← Device Settings

About	IP address	10.71.160.73
Network	Netmask	255.255.255.0
Wi-Fi	Gateway	10.71.160.254
	DNS 1	10.100.127.150
	DNS 2	10.100.127.151
	MAC Address	00:16:94:70:C5:96
	Ethernet IP mode	DHCP

Choose the static option and ok

Insert relevant network data.
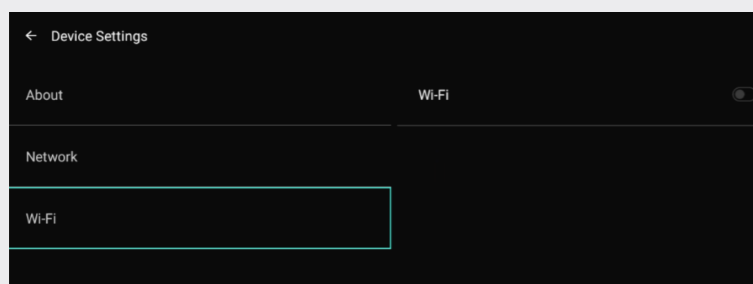
NB! The device supports Wi-Fi. However, we do recommend a wired network whenever possible. If device is connected to the network with a network cable, Wi-Fi cannot be enabled. If Wi-Fi is required for Expand Control, make sure you have a Power Injector for the device as there will be no separate PSU for the control.
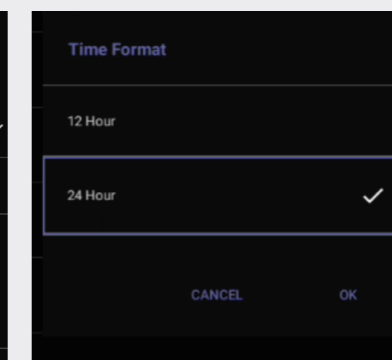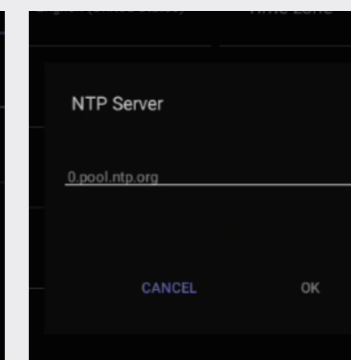
When devices are registered to MS Teams

Verify the settings of the setup
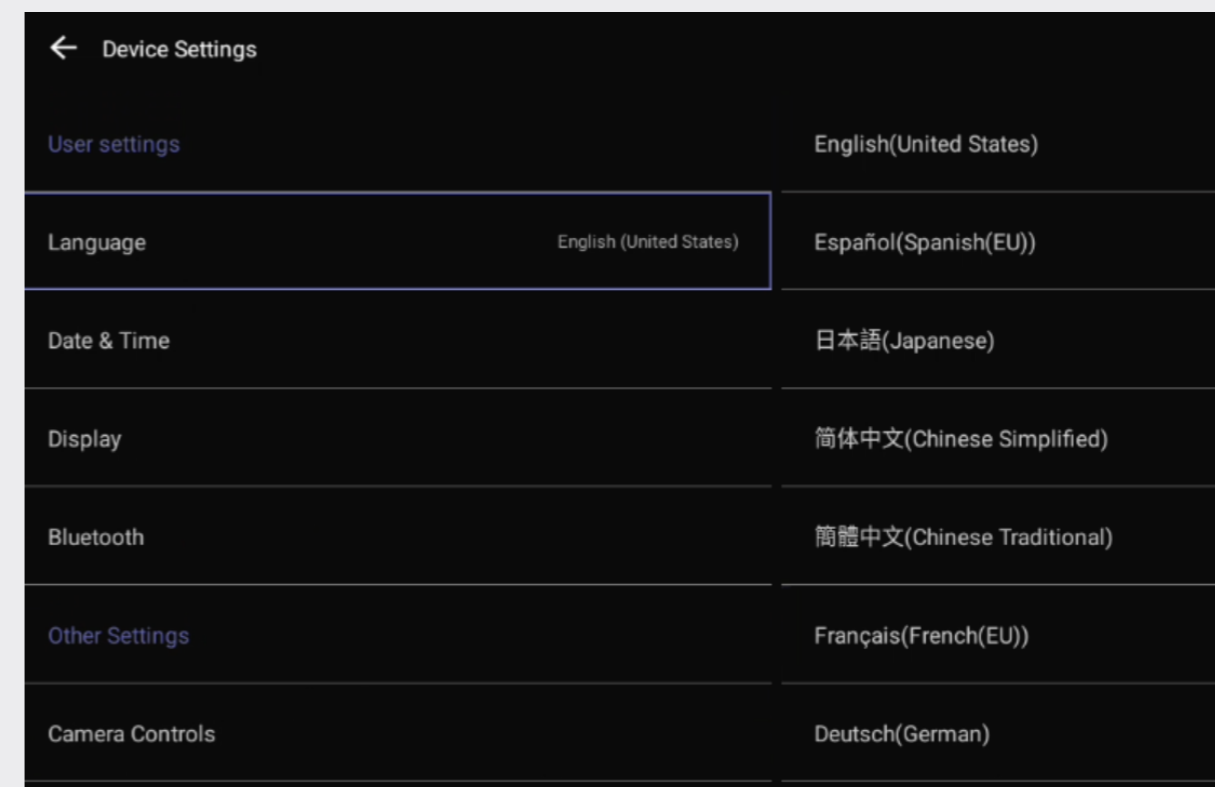
From the Device Settings the settings below can changed. Date/Time zone Date & Time > Time zone > Choose Zone
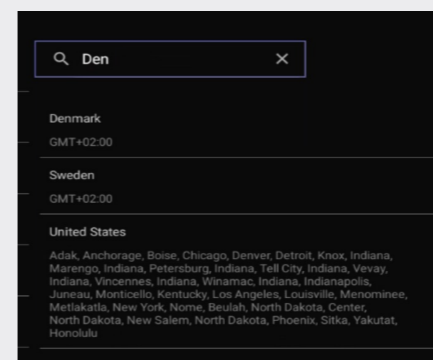
Choose relevant Time Zone

Choose the relevant Time Format

Insert you NTP server address (Optional)

Device Name
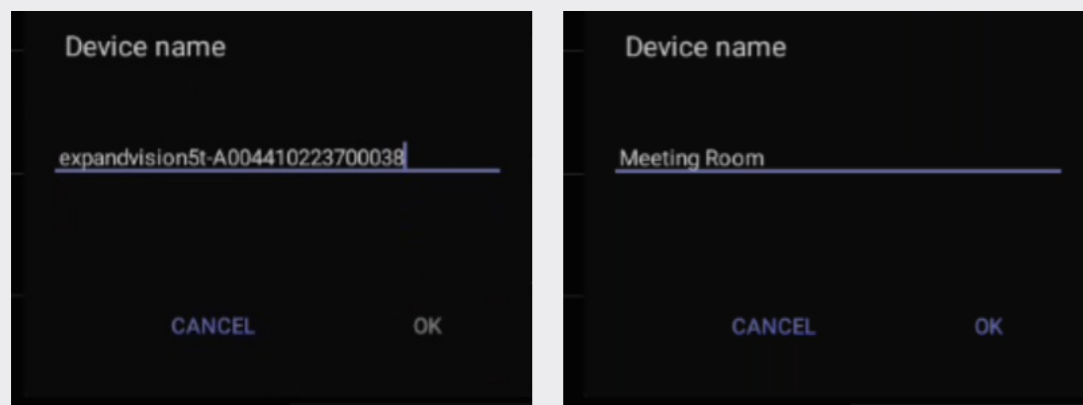
To assign a unique name, delete the default and insert device name according to your naming policy. The name will automatically be synced into EPOS Manager, if enrolled.

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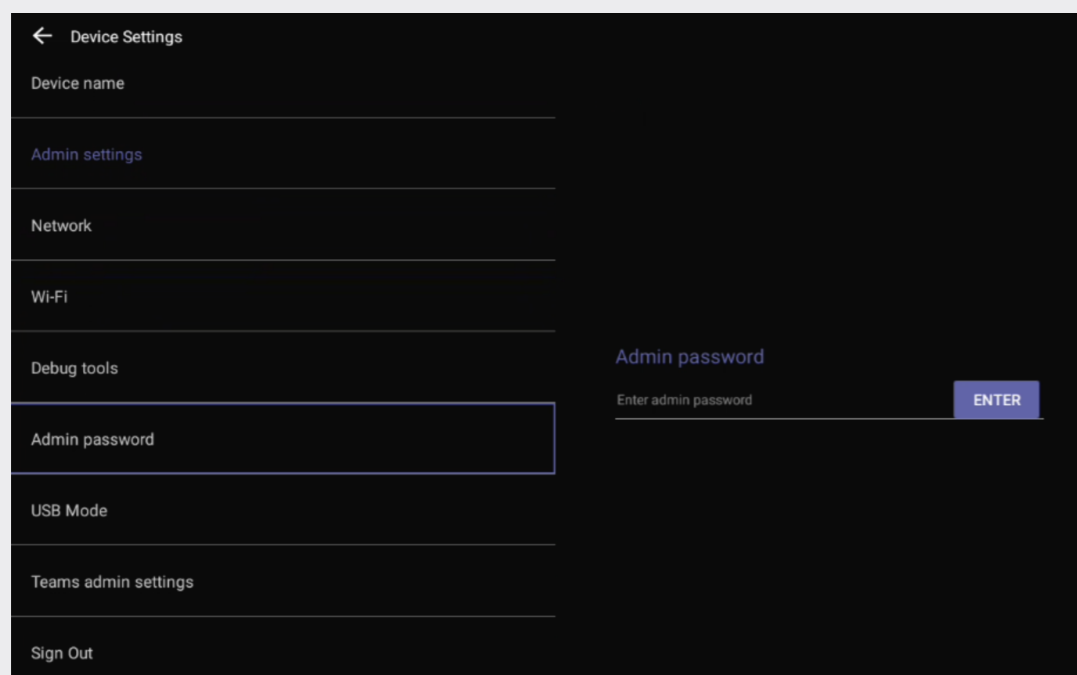
Best practice is to change the default admin password which is 0000.

Insert relevant information and choose SAVE

Verify device details
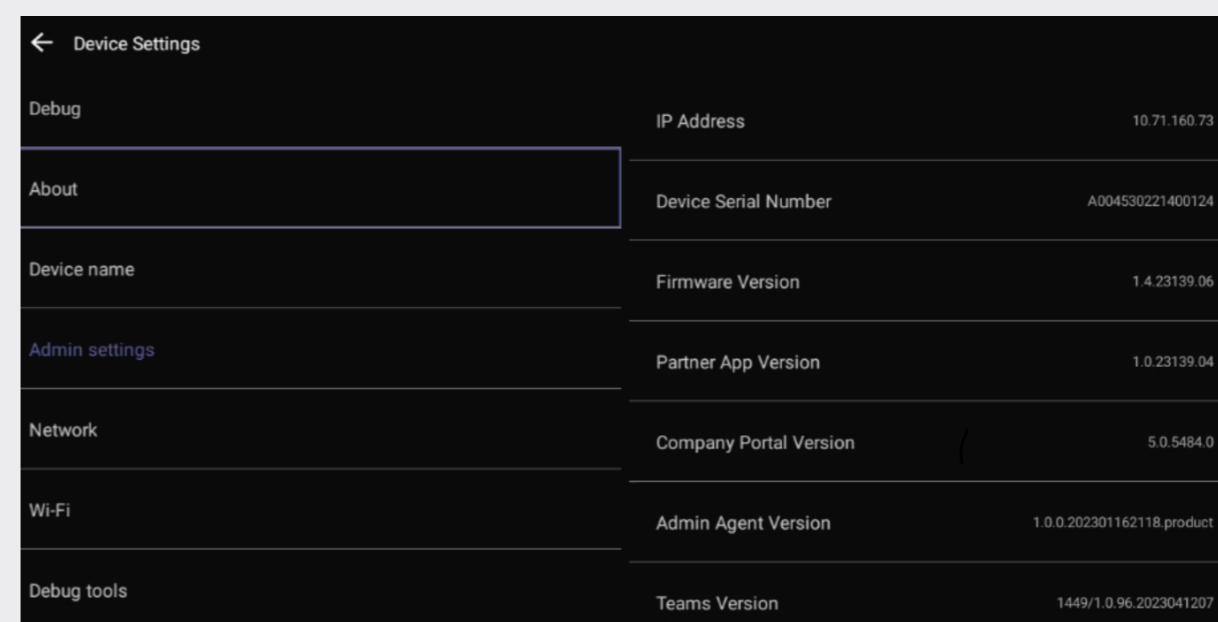
> Device Settings > About display serial number, ip address and versions
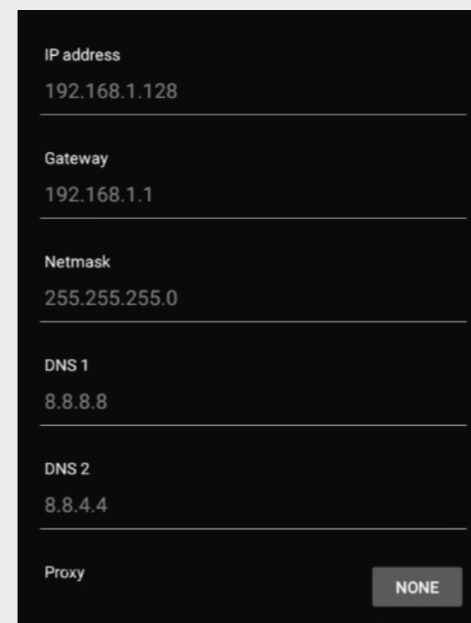
Network Settings
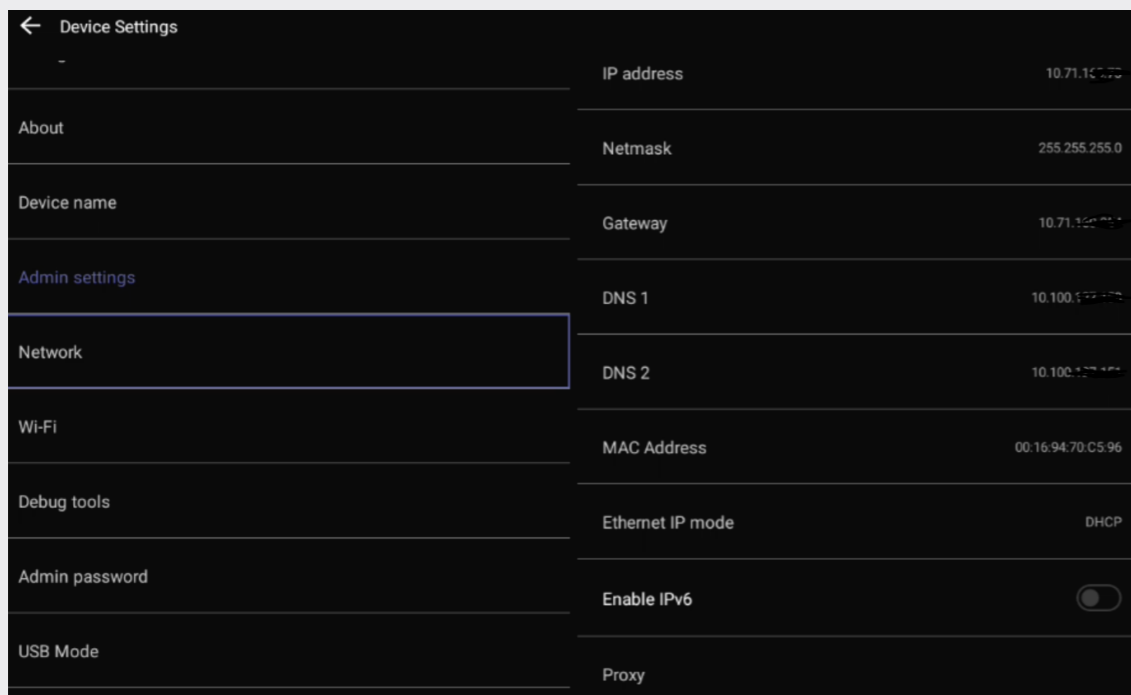
Static IP > Choose Ethernet IP mode
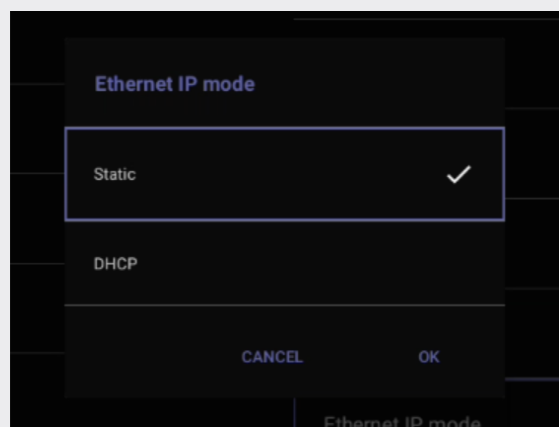
Choose static and then OK
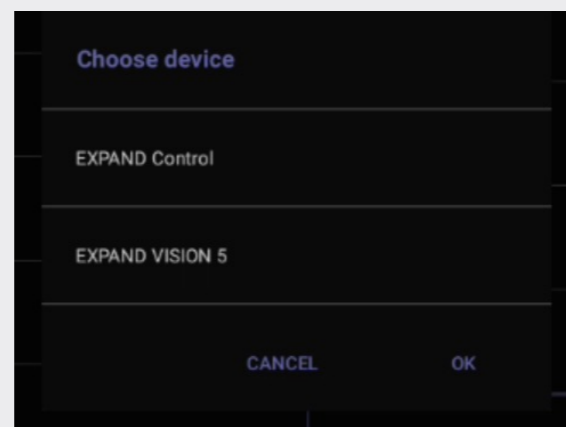
Choose relevant unit. It is recommended to start with the Expand Vison video device as you will lose paring between Expand Controller and Video device once IP address is changed. Afterwards, change the IP address of the Expand Controller. You may need to reboot both devices to get the pairing running again.

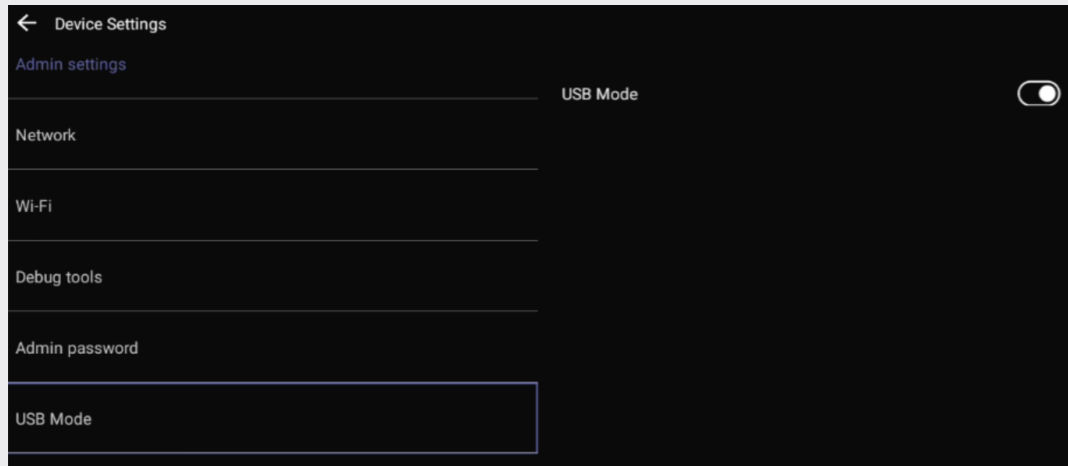**NB! The devices have to be in the same subnet to successfully pair.**
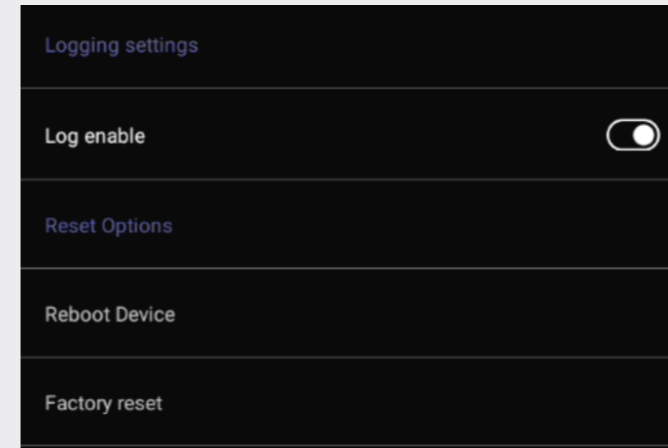

Insert your network data

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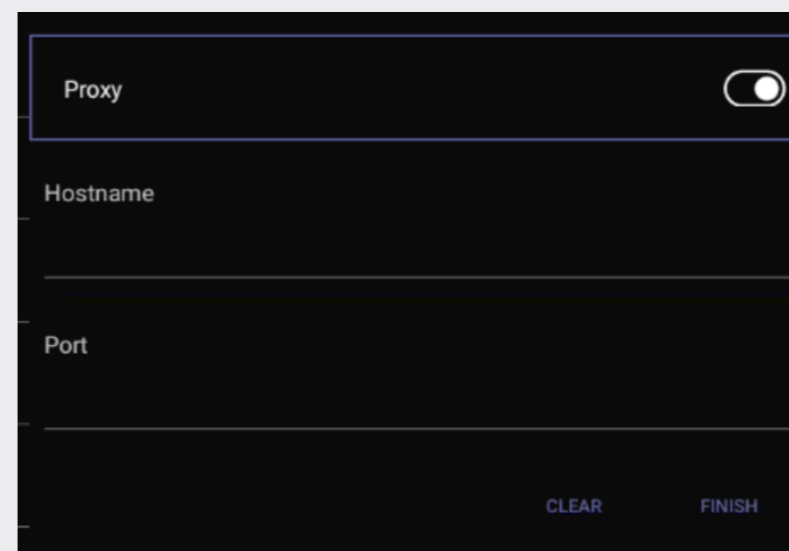
Device Settings > Proxy Enable Proxy and insert Hostname and Port (Optional)
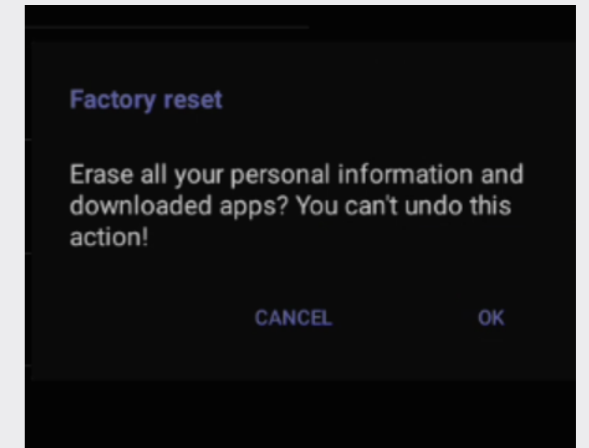
USB Mode

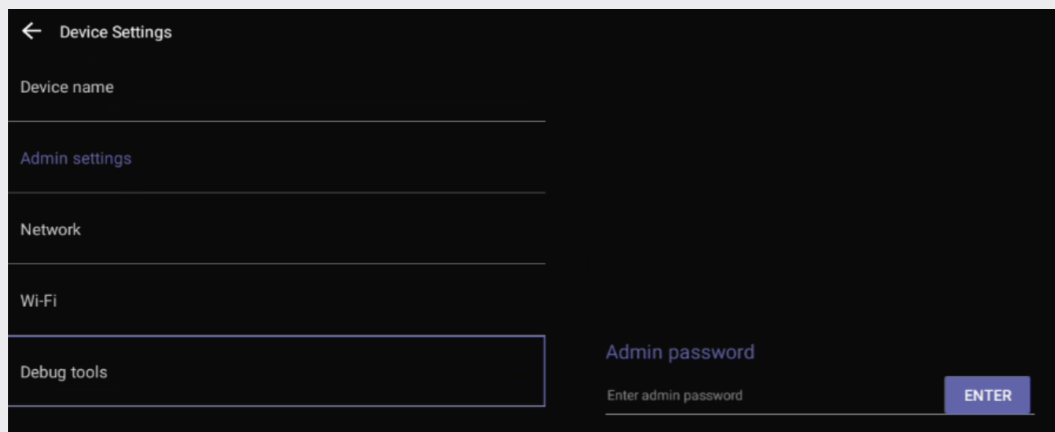USB mode is on by default

Choose Factory reset

To factory reset the device choose ok or cancel to stop the reset.
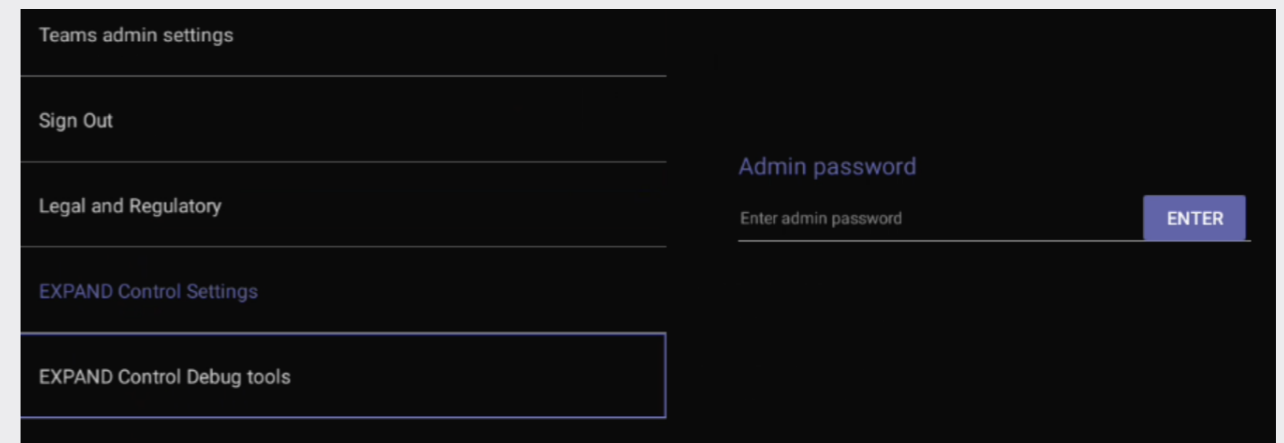
Factory Reset

Factory Reset EPOS EXPAND Video Device

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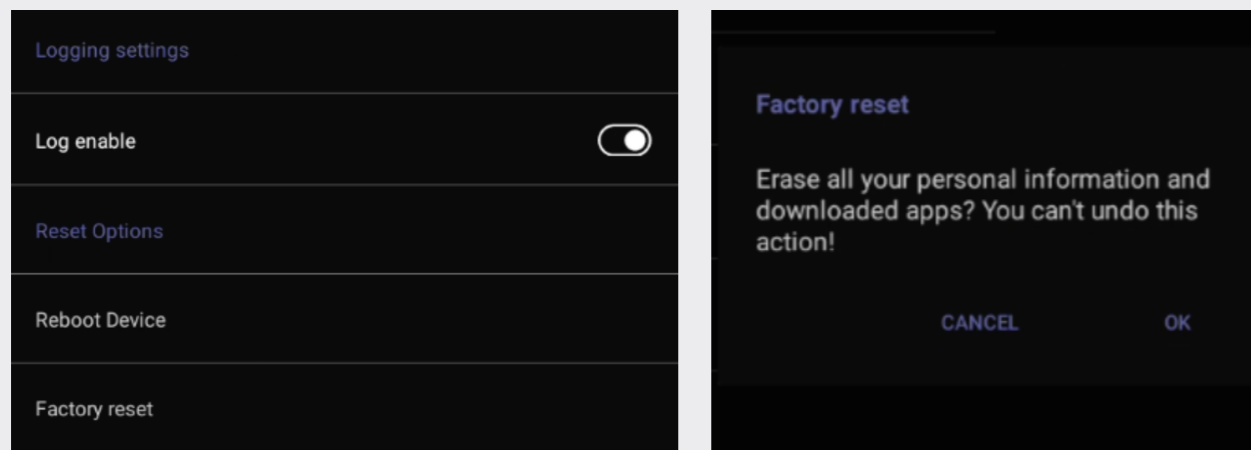Always start with the video device as pairing will be lost between controller and video device.

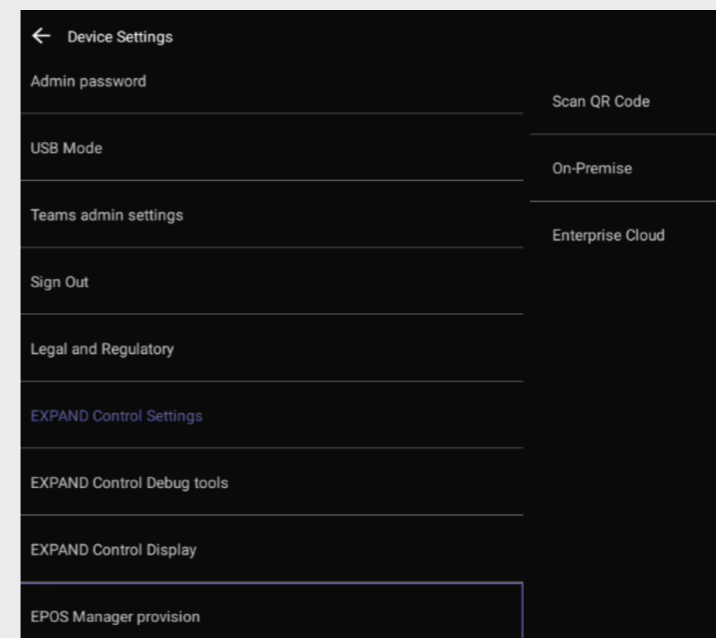Factory Reset EPOS

EXPAND Controller Device

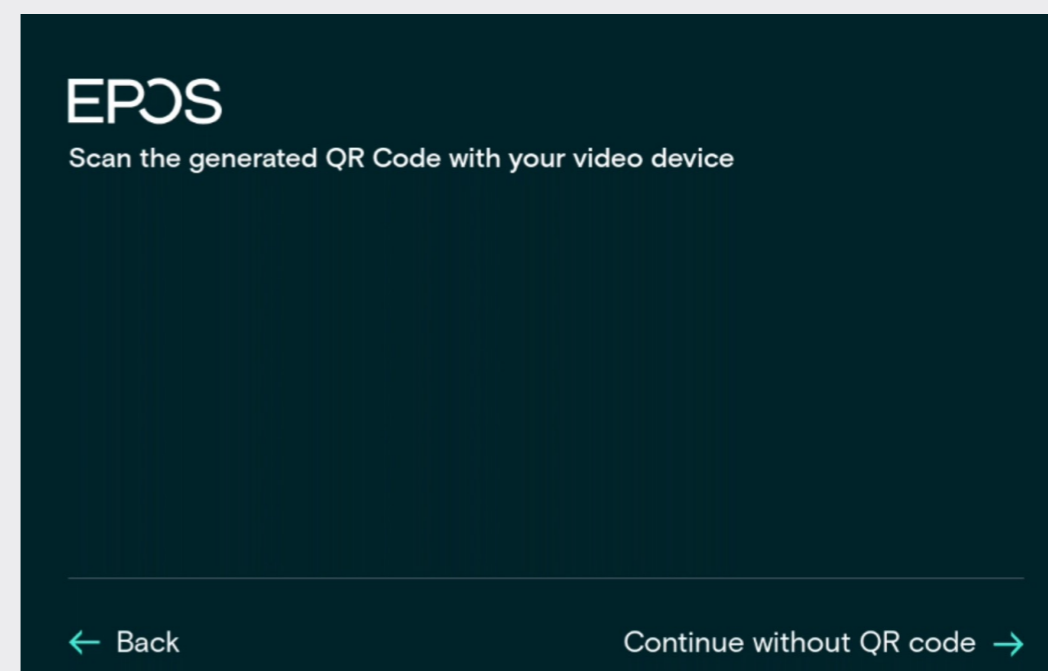Device Settings > Expand Control Debug Tools > default password is 0000

Choose Factory reset

To factory reset the device choose ok or cancel to stop the reset.
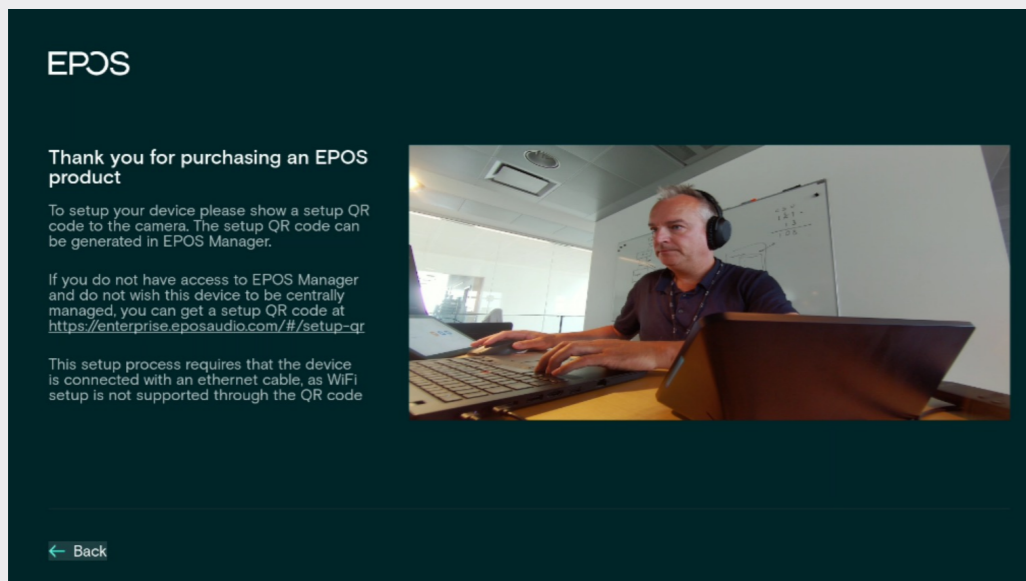
EPOS Manager Provisioning

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.
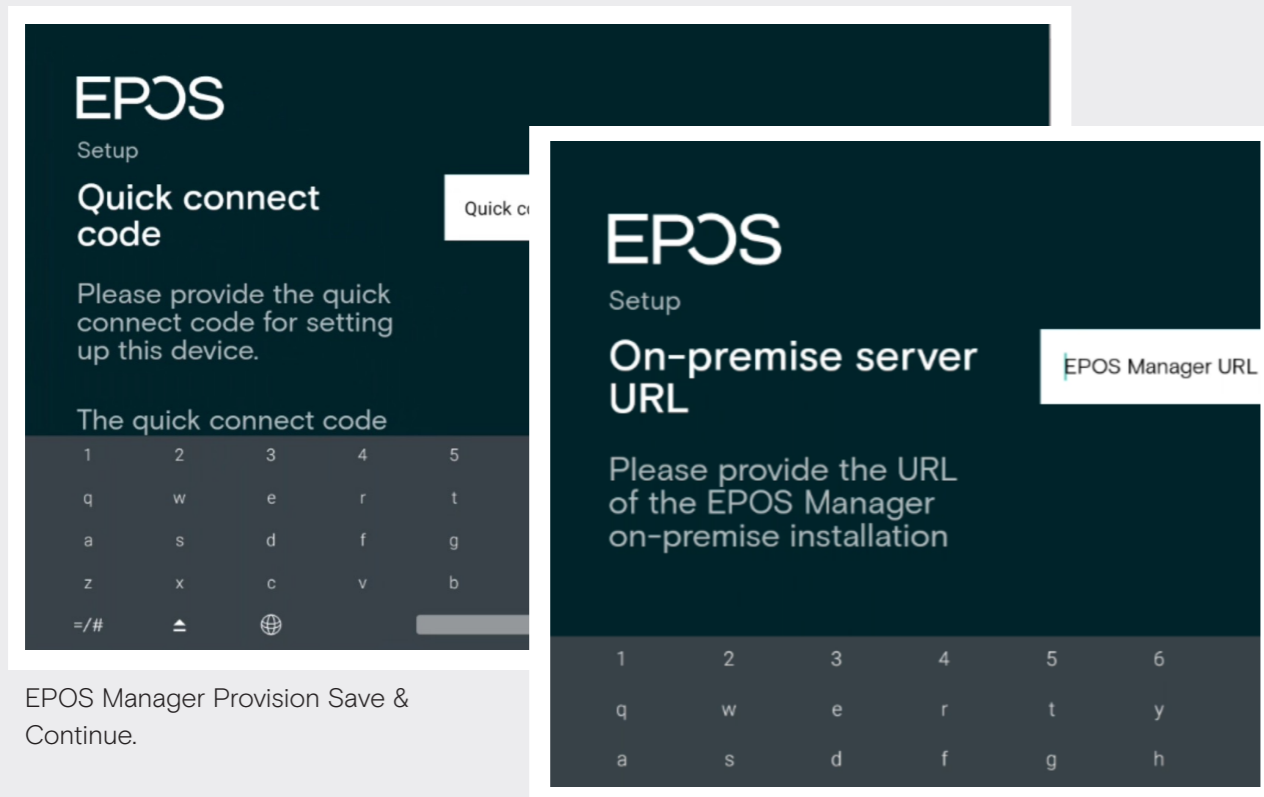

Expand Control Scan QR code
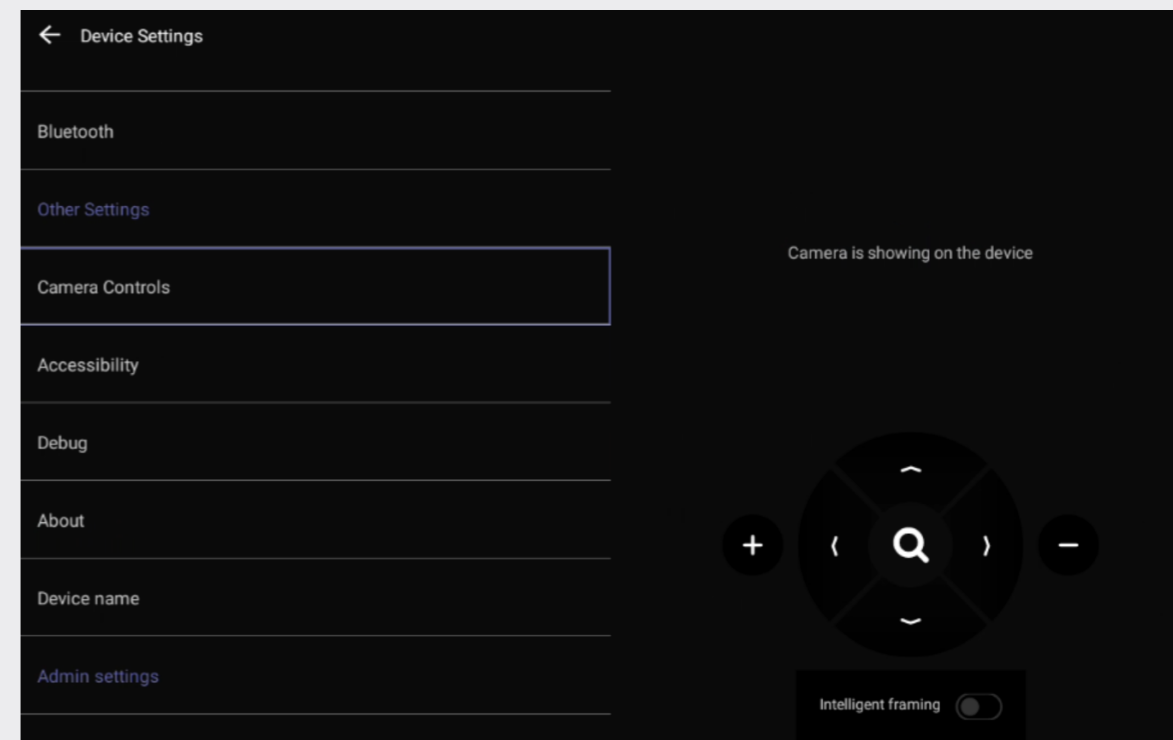Scan QR code => point your QR code to the camera

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.

NB! Make sure that the camera is properly adjusted. You also have the choice to activate the intelligent framing, which means that the camera will adjust the video feed based on number of people and where they are situated in the video room.

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