

Aura

EMS Glance Pre-requisite Guide

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Acknowledgements

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Introduction

This guide will detail the process of preparing an Aura device for EMS connectivity. This includes upgrading the device firmware to the latest version, if necessary, and installing the EMS integrated Client.

Pre-requisites

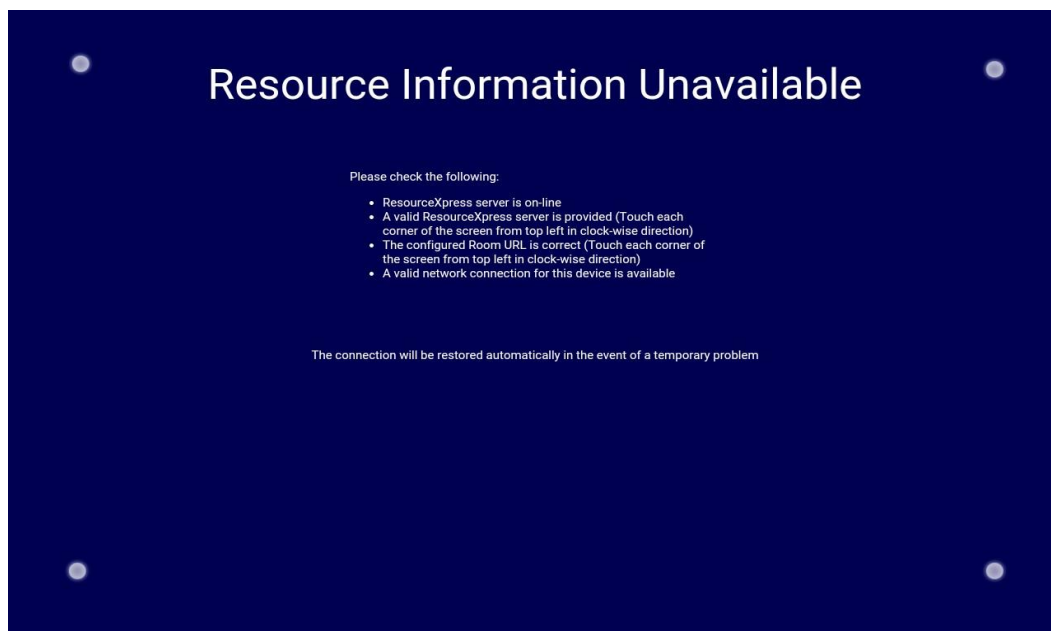
Below is a compiled list of the pre-requisite requirements for an Aura screen to integrate with an EMS booking system.

- Aura firmware version 1.0.25+ or above
- Aura Flex version RXEMS2
- EMS Glance application version 17.11.14.1 or above
- EMS Glance API version 1.0.1.026

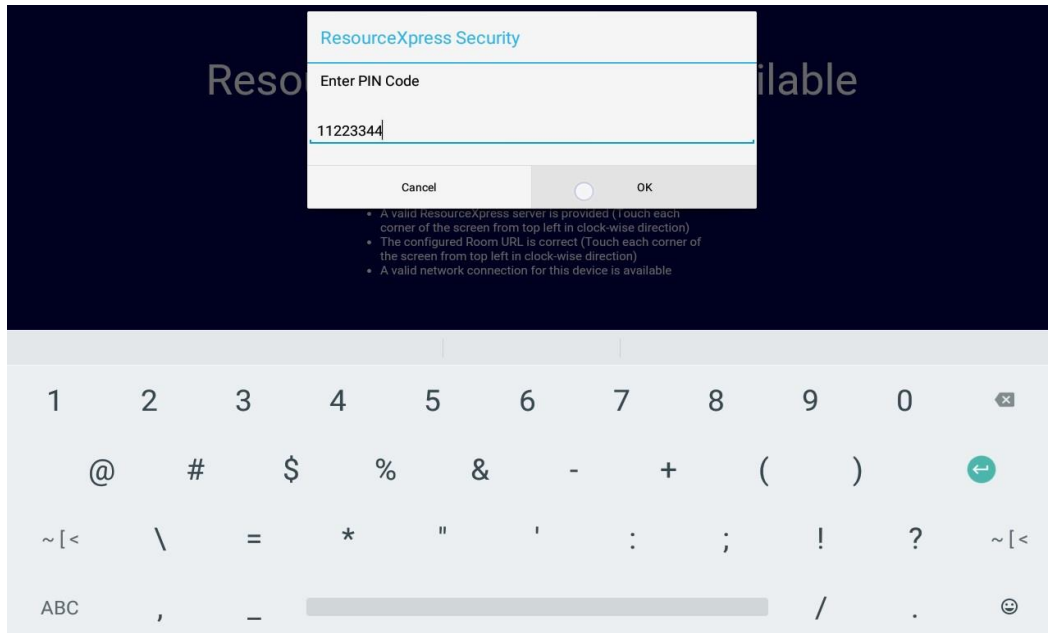
Firmware Upgrade

It is important to check that the Aura screen is running the latest firmware release before continuing with any set-up. This can be done using the following procedure:

- 1) Exit the screen by touching each corner, starting at the top left and going clockwise, as indicated below.

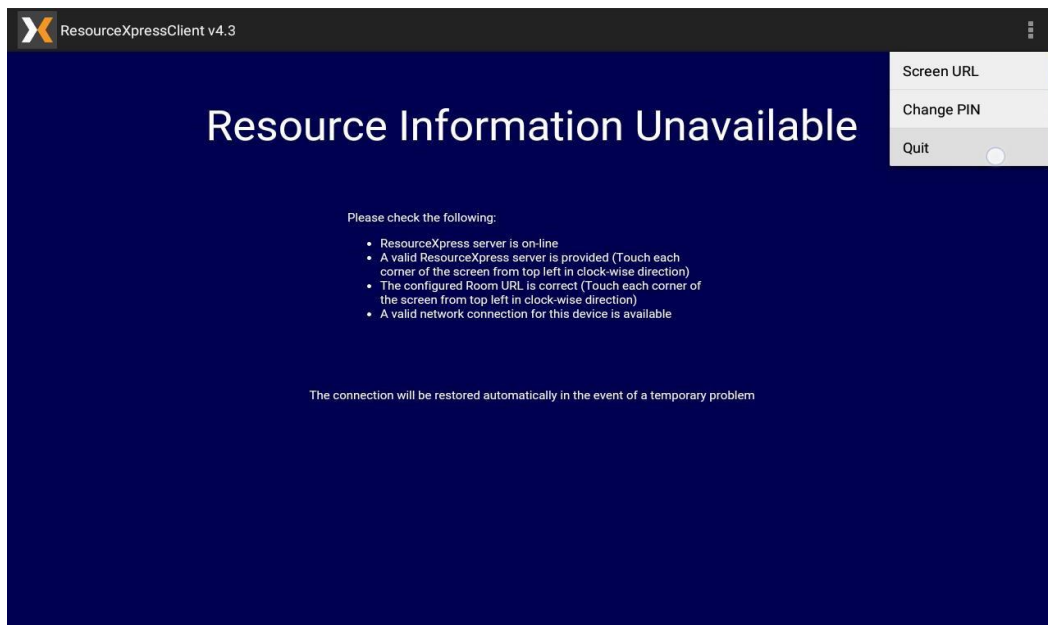


- 2) The PIN code prompt will appear, enter your PIN and select **OK**.

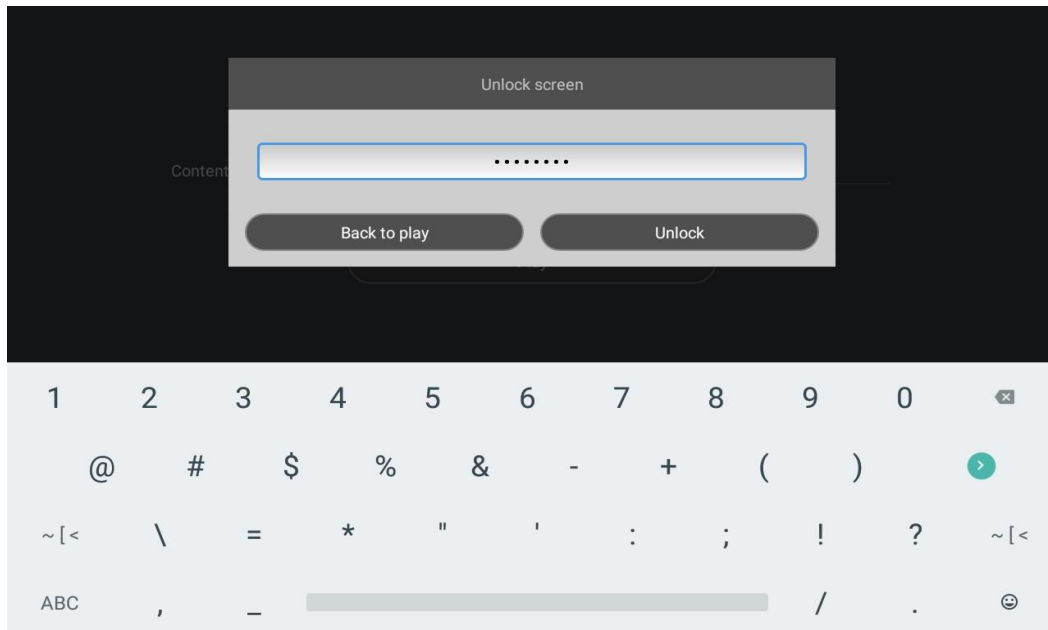


(The default PIN code is 11223344)

- 3) Select the three dots in the top right corner and then press **Quit**.



- 4) Enter the PIN for the second level of security.



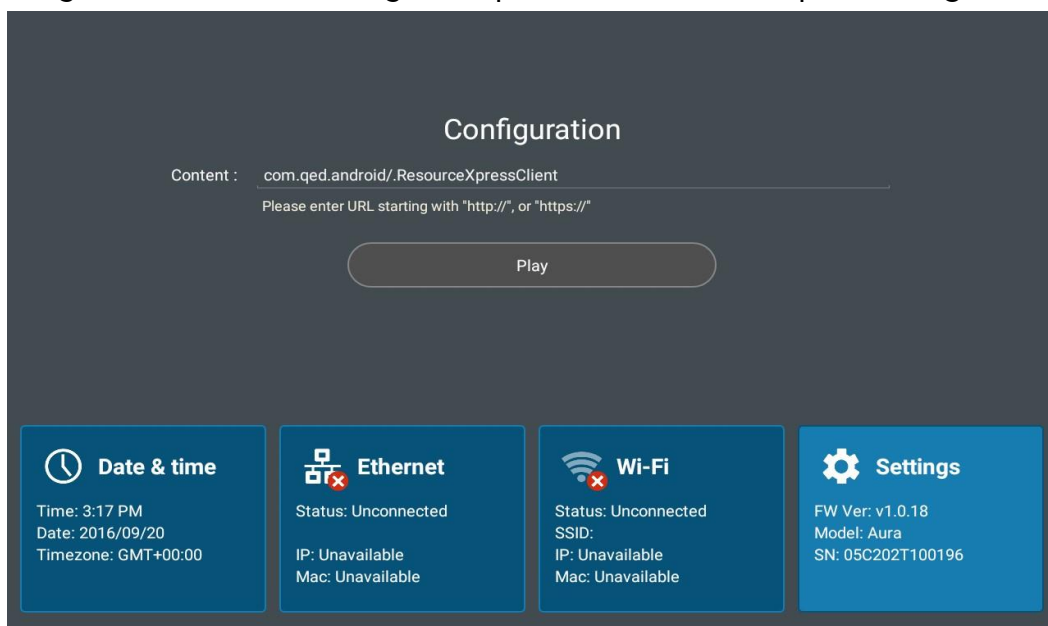
(The default PIN code is **11223344**)

Now you should see the Configuration screen. In the bottom right corner is the Settings tab, which features a quick overview of the device. Check that the **FW Ver** is **v1.0.25+** or above.

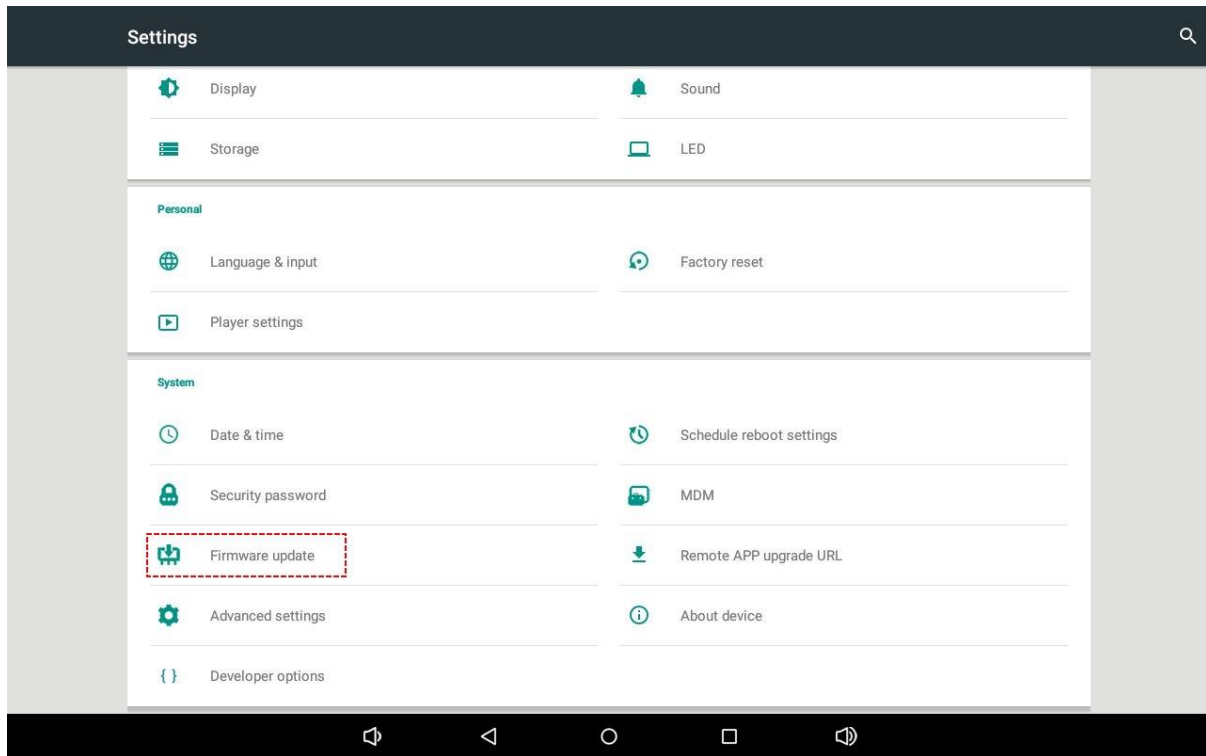
The correct firmware can be downloaded from here and must be placed onto the root of a USB drive: <https://drive.google.com/file/d/1seknxlccglGJfuxc9Y1lTrK-3YtSzGEW/view?usp=sharing>

If the Aura is showing as running an earlier firmware version, please proceed with the following steps:

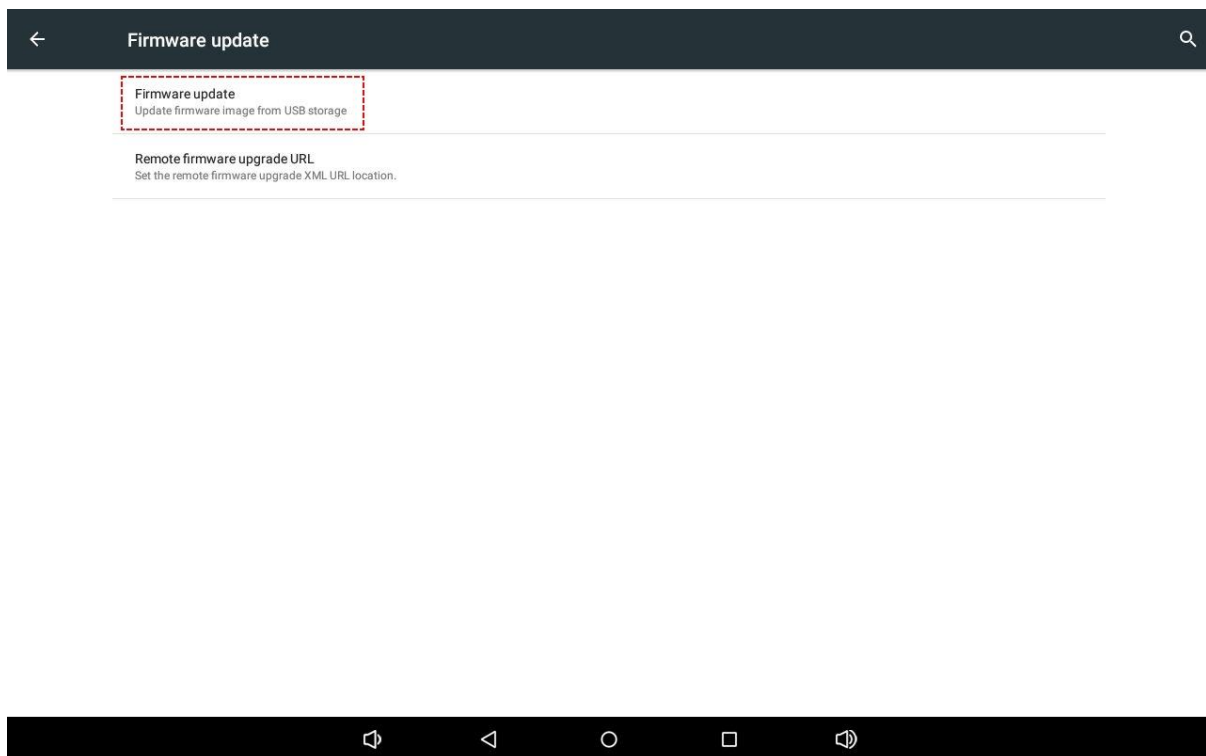
- 1) Plug the USB stick containing the .zip file into the Aura. Tap on **Settings**.



2) In Settings, navigate down to Firmware Update.



3) From the two options, select Firmware update.



4) Select **Start Firmware Update**.



The Aura will then proceed to restart and show a black screen with a green Android logo. The front LED will also start to flash red. When this process is complete, the Aura will then restart back into Android and the updated firmware version will be shown under the Settings tab.

Install EMS integrated Client

This process is identical to the steps performed whilst upgrading the Android firmware in the last section. It is necessary that this upgrade also be carried out in order to allow the ResourceXpress client to integrate with an EMS booking system.

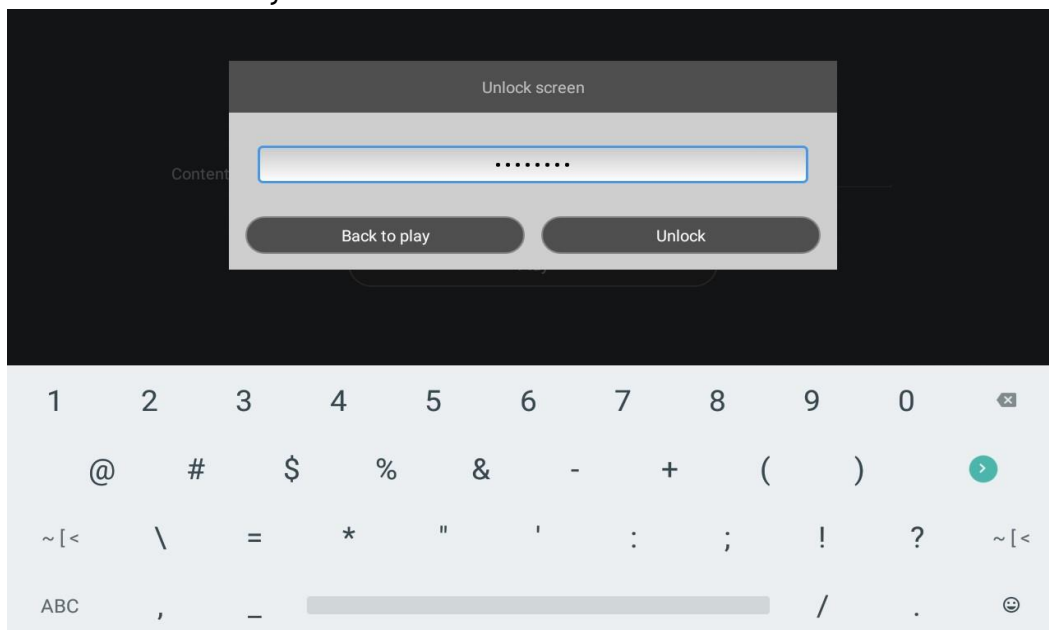
The Flex file can be downloaded from here:

<https://drive.google.com/file/d/1Qc7fRq7G0S3vT-uBk0ghTkcA9YJSuAQH/view?usp=sharing>

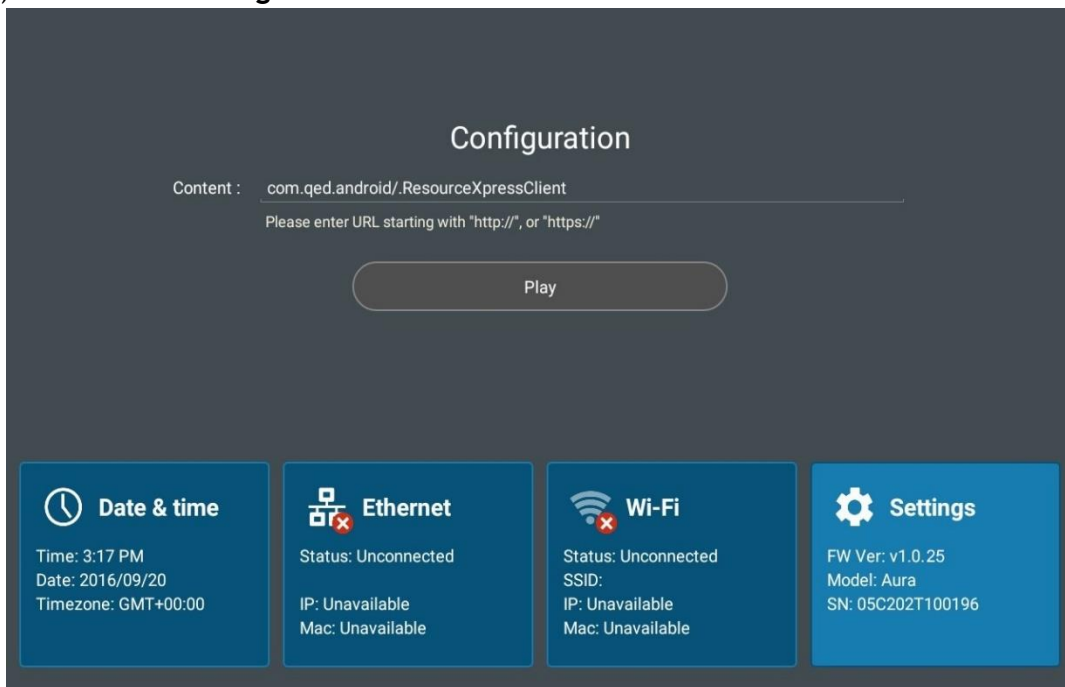
Please Note! - This step may only be performed with an Aura running firmware version 1.0.25 or above.

After ensuring that the Flex .zip file is the only document on the USB stick, insert it into the Aura and replicate the steps for carrying out a firmware update. After this is complete, it is possible to verify the correct Flex version is installed by carrying out the following steps:

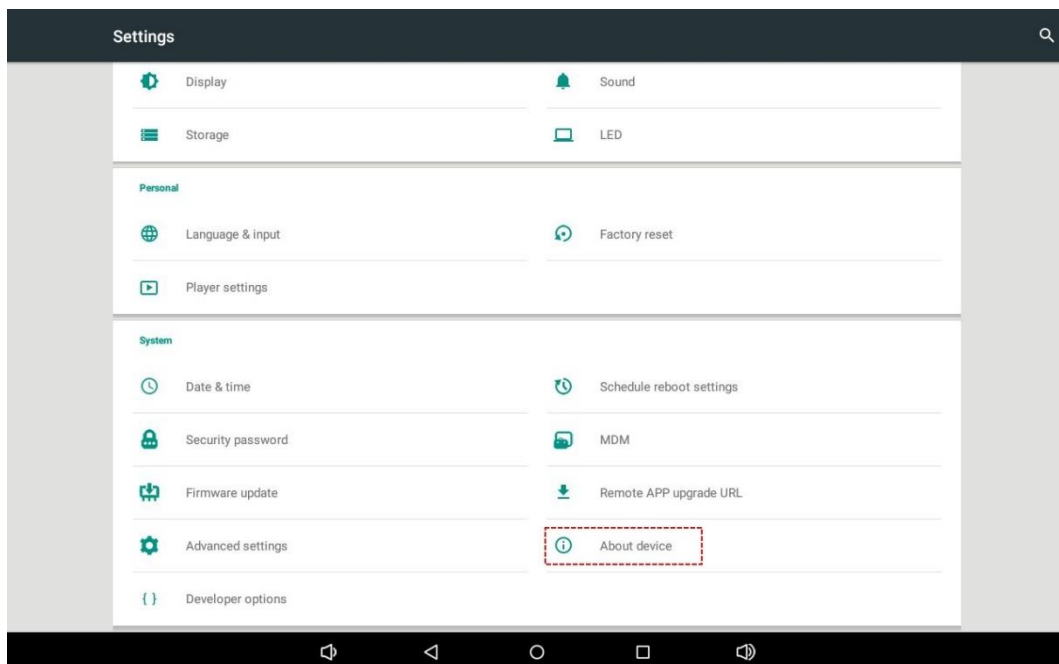
- 1) Exit the ResourceXpress client (as shown on pages 4-5) and enter the PIN to unlock the second security screen.



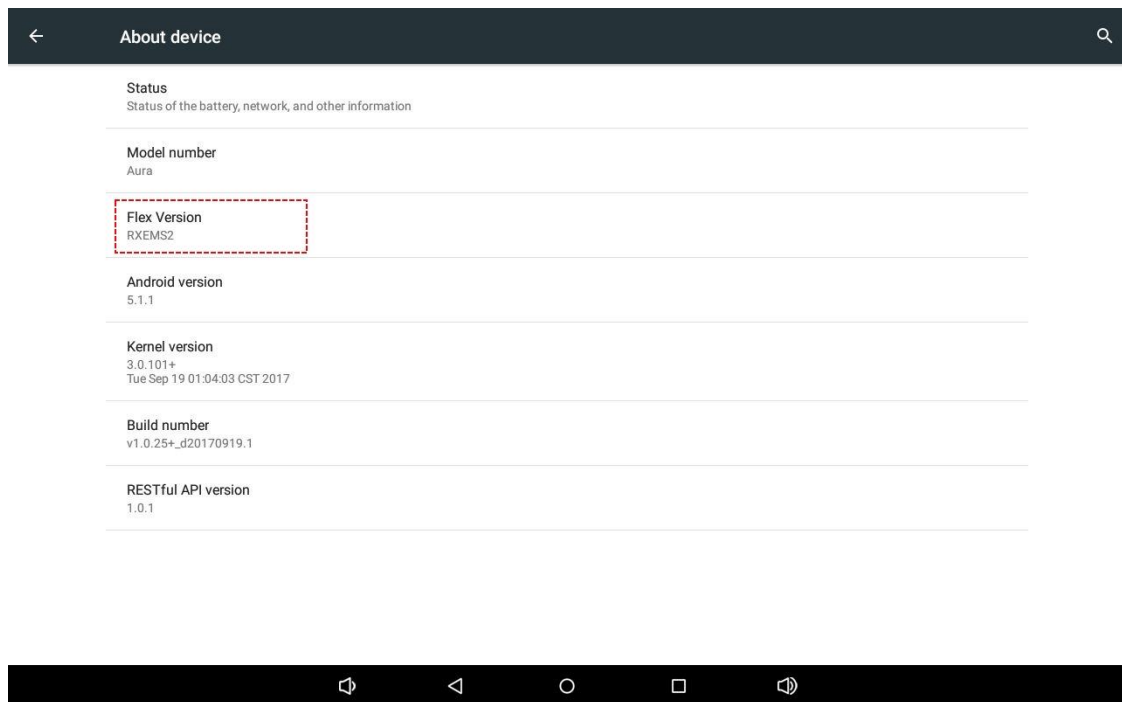
2) Select the **Settings** tab.



3) Scroll down to **About Device**.



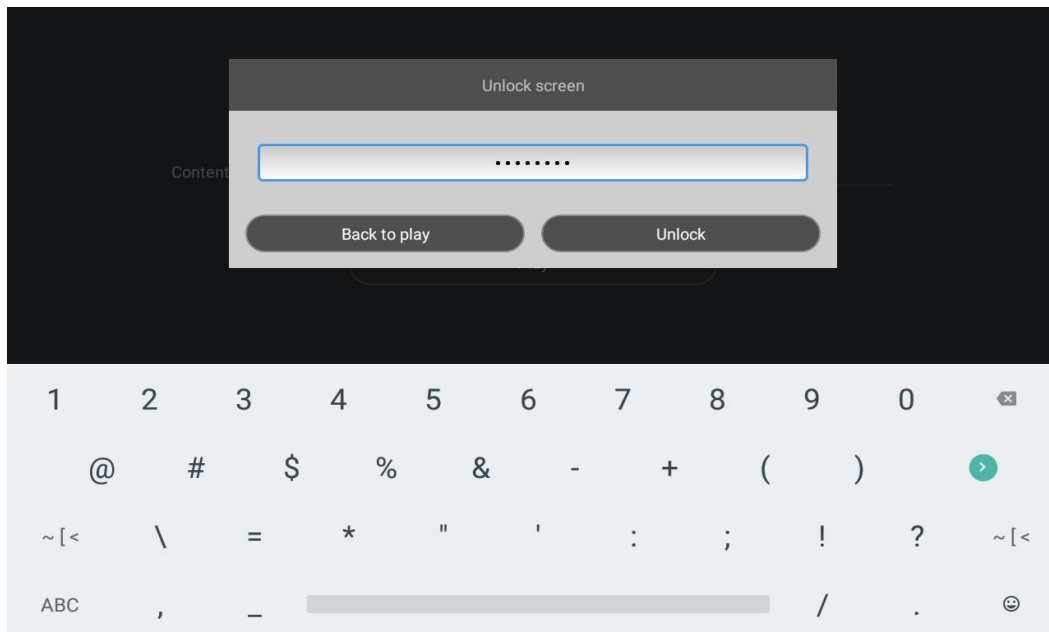
4) Check that the **Flex Version** displayed is **RXEMS2**.



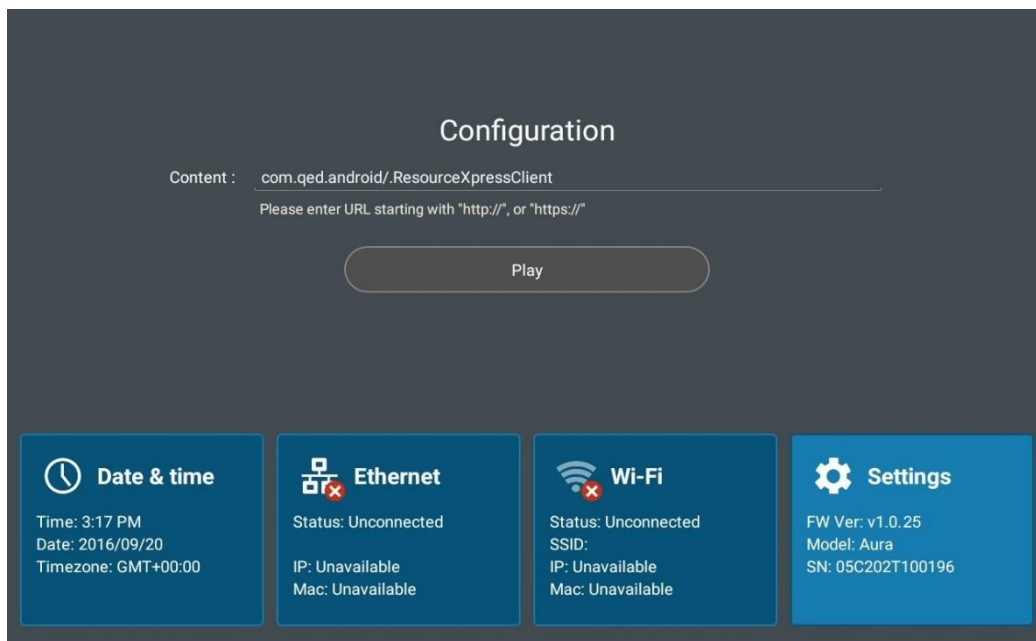
Setting Aura Timezone

If the Aura is not showing the correct time, this will need to be configured in the local device Android settings. To do this, please proceed with the following steps:

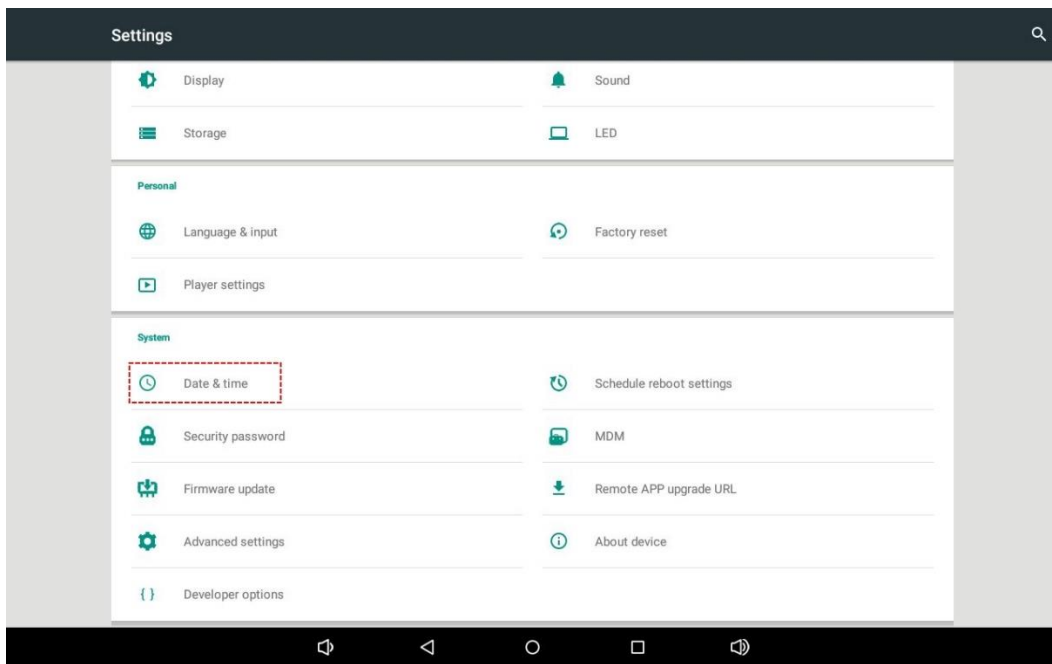
- 1) Exit the ResourceXpress client (as shown on pages 4-5) and enter the PIN to unlock the second security screen.



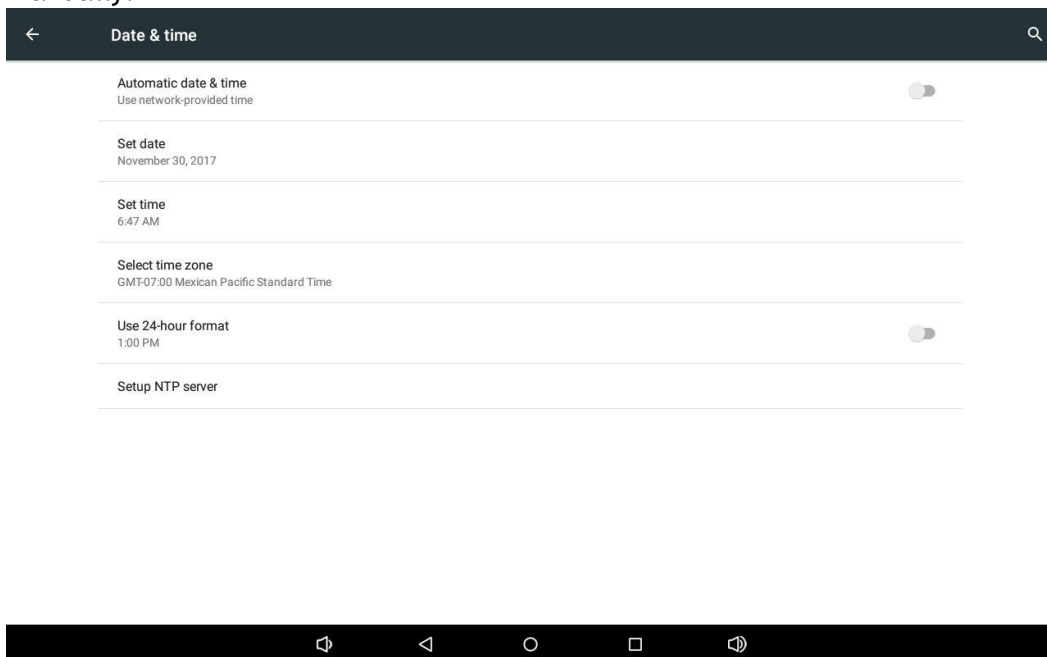
- 2) Select the **Settings** tab.



- 3) Tap on **Date & Time**.



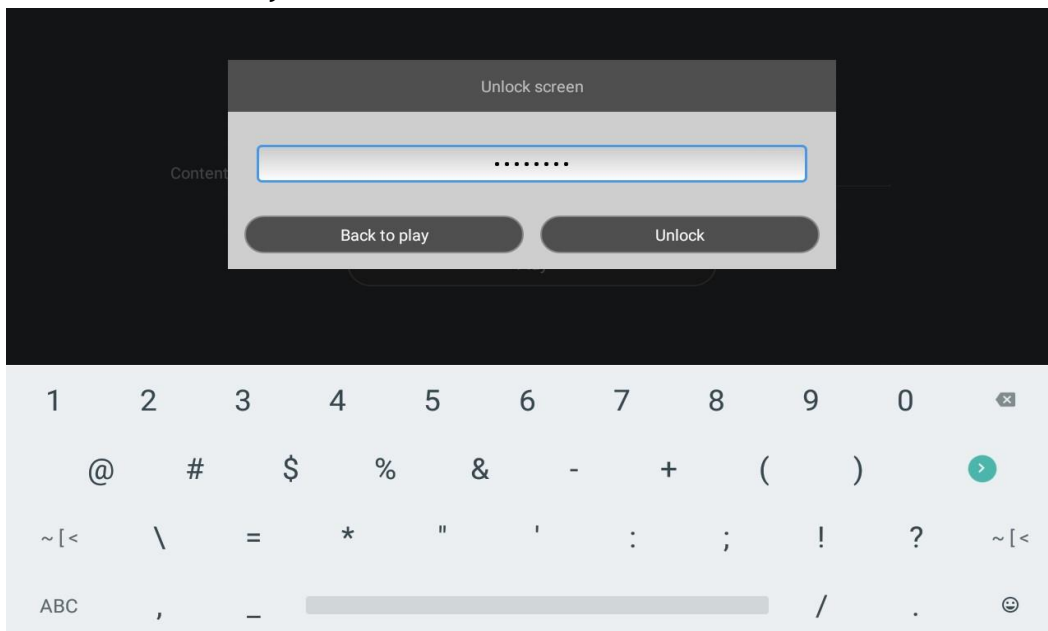
- 4) It is then possible to configure a NTP Server, or select the relevant timezone manually.



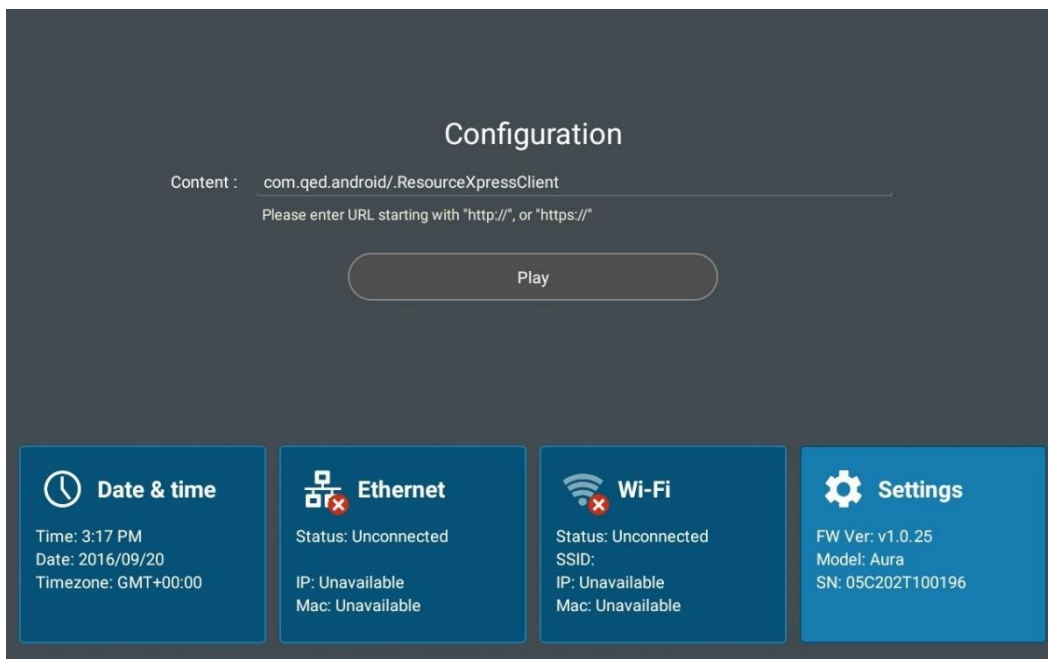
RFID Conversion

In order to work with the EMS Glance System, the in-built RFID card reader must be configured to convert access codes to a decimal output. This is a simple Android settings change that must be done per device, and is carried out in the following way:

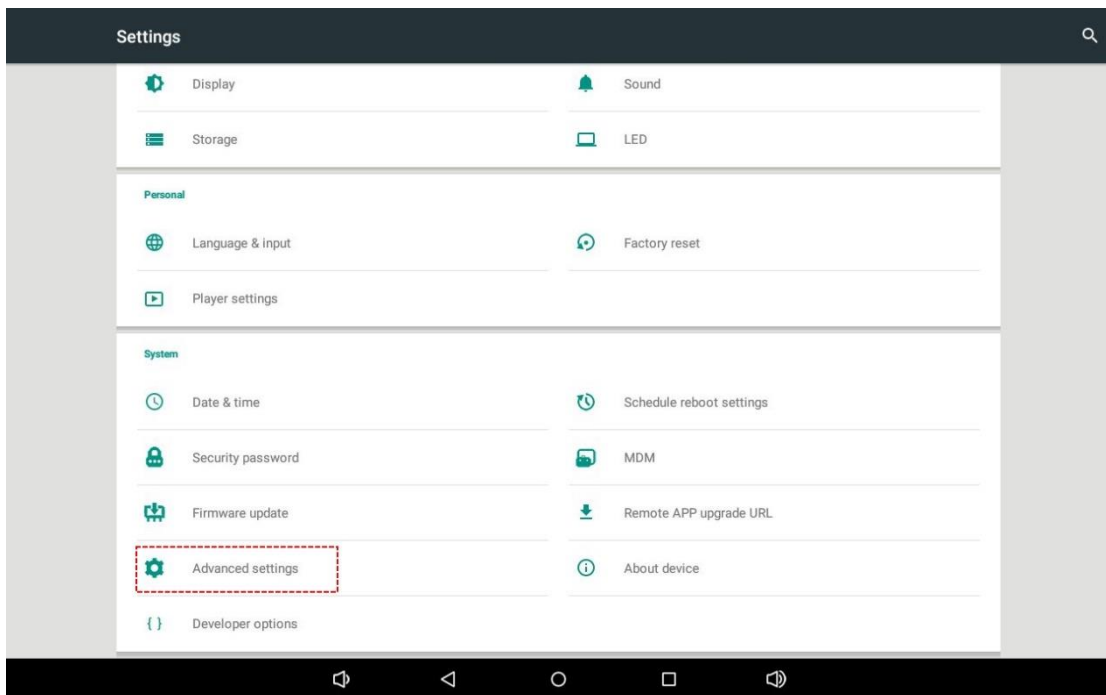
- 1) Exit the ResourceXpress client (as shown on pages 4-5) and enter the PIN to unlock the second security screen.



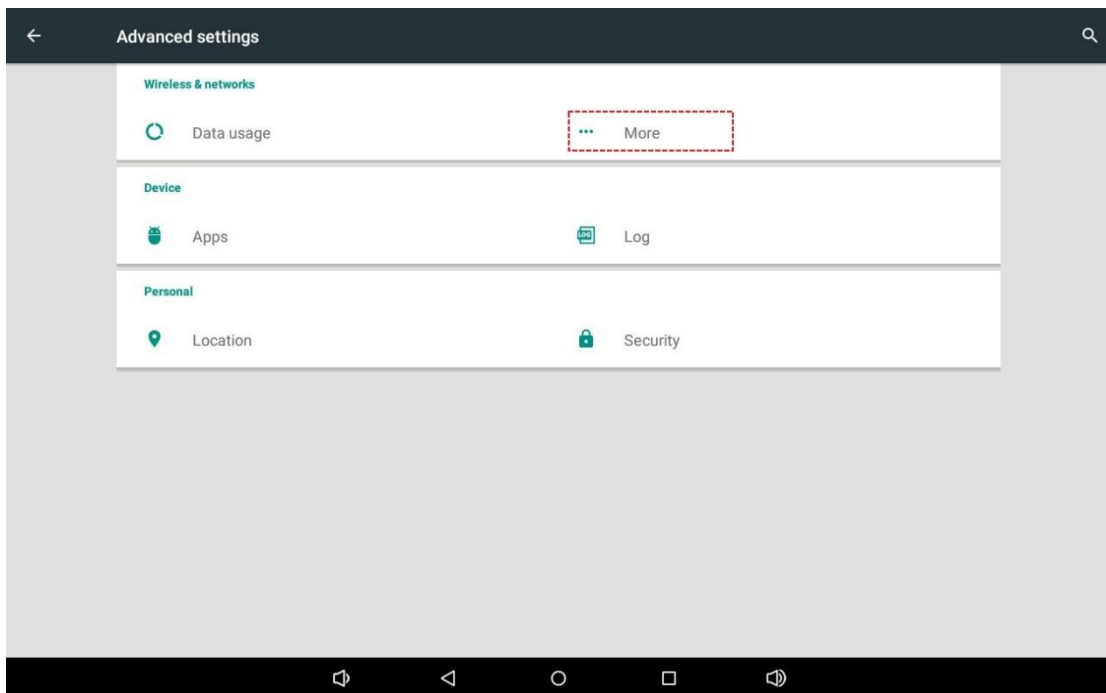
- 2) Select the **Settings** tab.



3) Scroll down to **Advanced Settings**.



4) Tap on the **More** option.



5) Check that the option for **Nfc card uuid data format** is set to **Decimal**.

Nfc card uuid data format

Hexadecimal

Decimal