

Instant Inventory APP

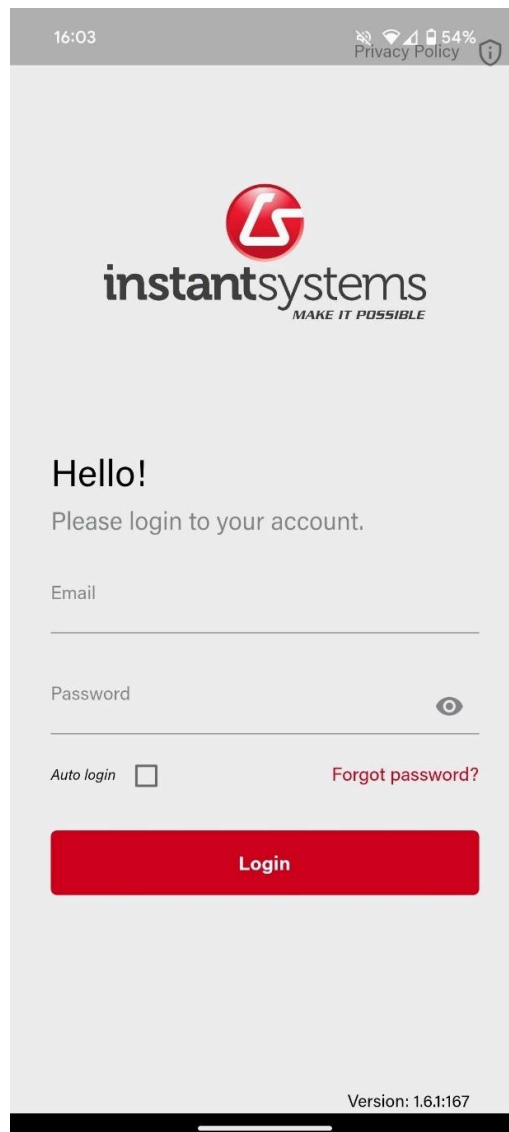
2504

Instant Inventory APP

The Inventory APP is an application created to be used as a merchandising tool from your phone. Here you can do all the procedures you can do from the merchandising on the kiosk from the comfort of your phone.

Sign-in

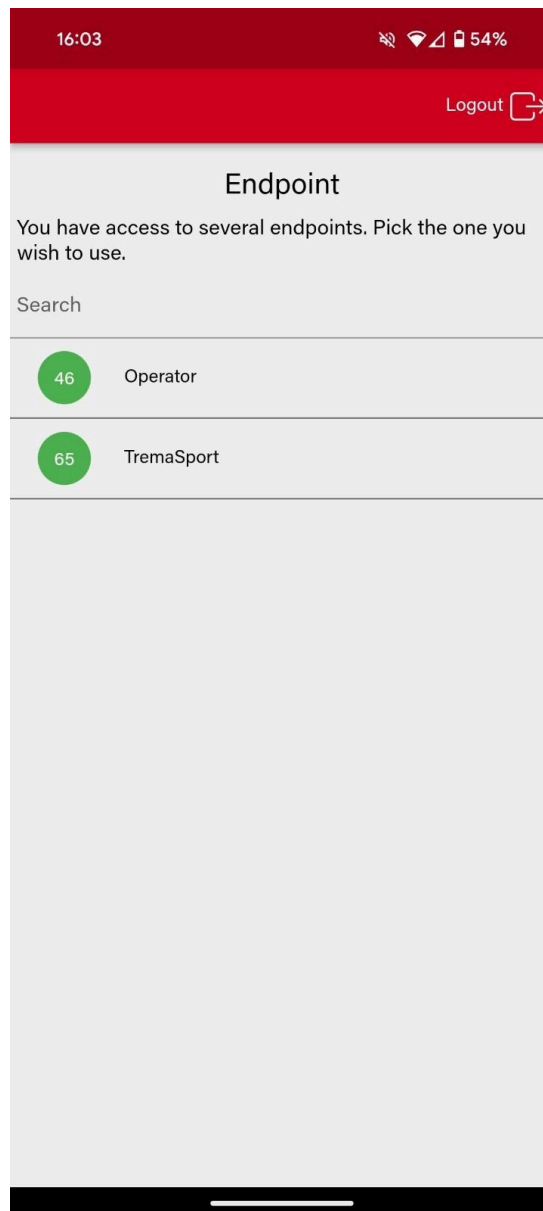
When first launching the app, you are greeted with the login page. Enter your credentials and click the login button to get in the app. You have the option to tell the app to keep you logged in by checking the check box “Auto login”. Also, if you have forgotten your password there is the option to reset it by clicking “Forgot password”



The screenshot shows the login interface of the Instant Inventory APP. At the top, the status bar displays the time 16:03, signal strength, Wi-Fi, and 54% battery. Below the status bar, the Instant Systems logo (a red circle with a white 'G') and the text 'instantsystems MAKE IT POSSIBLE' are centered. The main content area features the text 'Hello!' followed by 'Please login to your account.' Below this are two input fields: 'Email' and 'Password'. The 'Password' field has a toggle icon to its right. At the bottom left, there is an 'Auto login' checkbox. At the bottom right, there is a link for 'Forgot password?'. A large red 'Login' button is centered at the bottom. The footer shows 'Version: 1.6.1:167'.

Endpoint selection

Once you login on the first page, if you have access to multiple endpoints/databases you can choose which one you want to access. In the image below the account has access to two databases Operator and TremaSport.

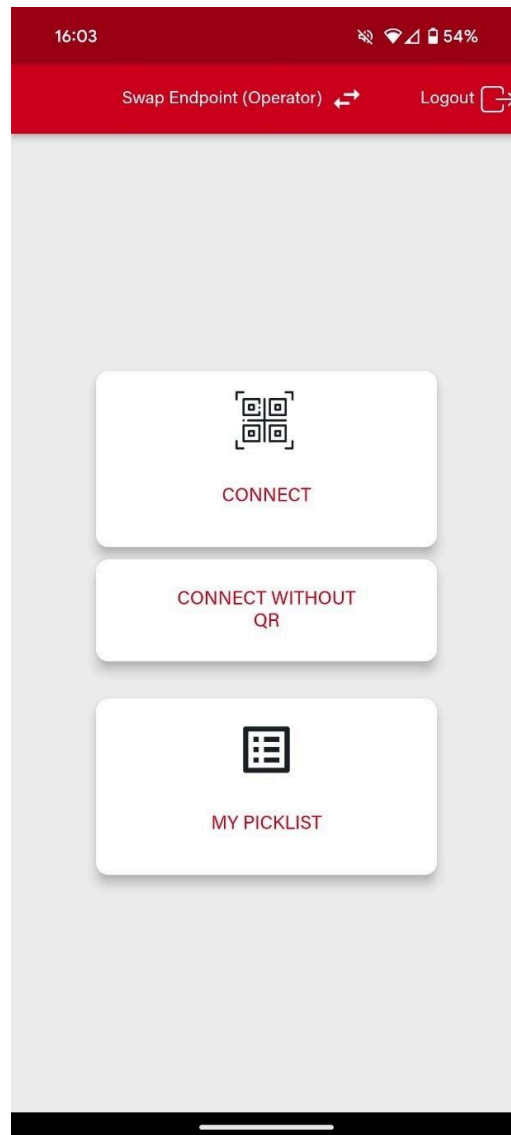


Connect to kiosk

Once choosing the database you have three options to choose from, the first one is Connect, this will start the camera and enable you to scan the QR code on the kiosk to enter it.

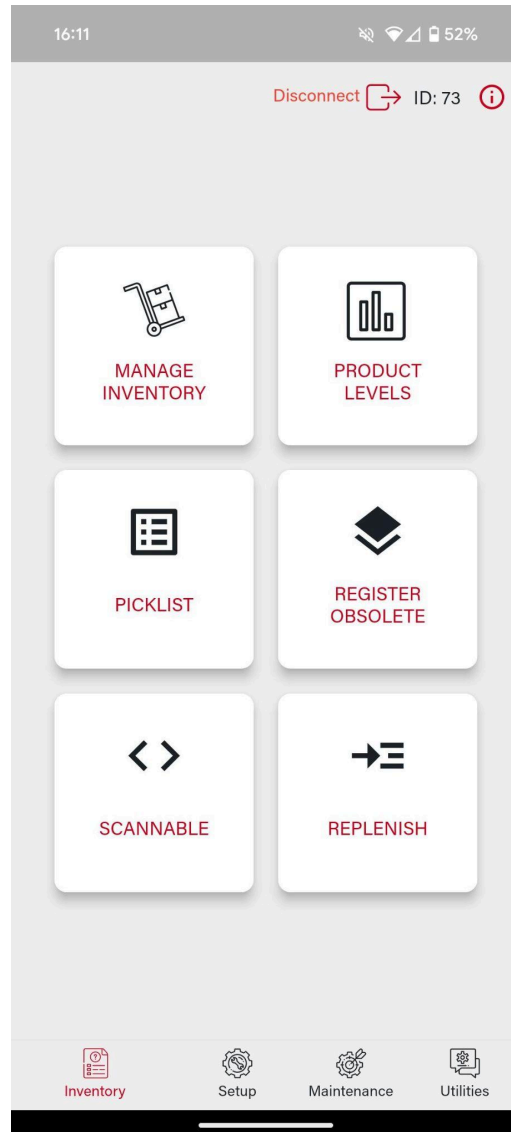
The 2nd option is “Connect without QR” with this feature you can remotely enter a kiosk by selecting it from the list that will be displayed and investigate if needed, for example you can remote to a kiosk to remotely restart it or shut it down if needed.

The 3rd option is “My Picklist” - To be added!



Inventory Section

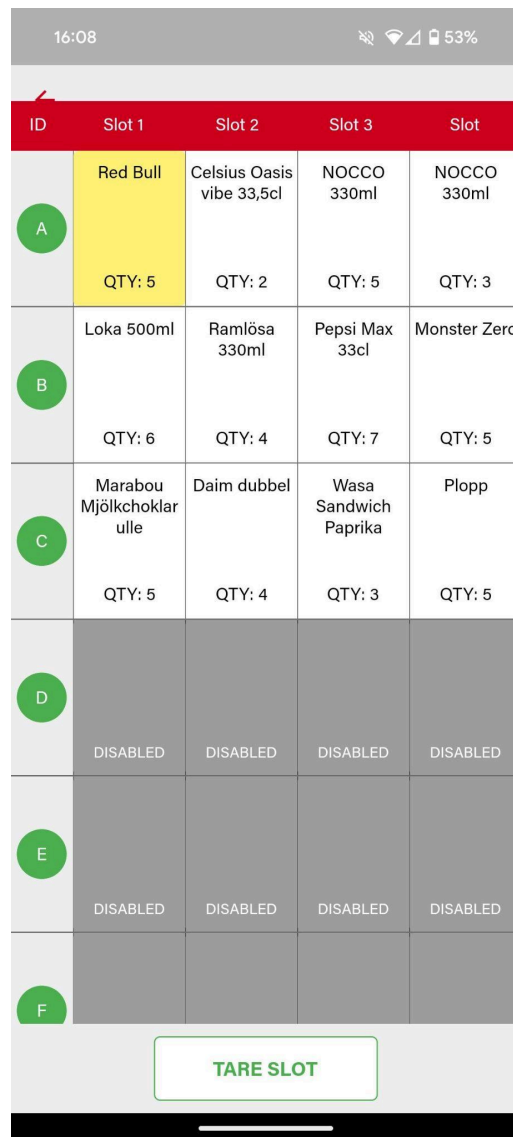
Once connected to a kiosk a screen with a few options will open with the menu on the bottom, On the top there is the option to disconnect to the kiosk and stop the merchandising mode.



Manage Inventory

The first option in the Inventory menu is Manage Inventory. On this page you have the list of shelves available in the kiosk and the products set up on them. The shelf IDs are on the left side and the slot IDs on the top.

To enable or disable a slot hold on the desired slot and a popup message will be shown asking you if you want to change the status on the slot.



The screenshot shows a mobile application interface for managing inventory. At the top, the status bar displays the time 16:08, signal strength, Wi-Fi, and battery level at 53%. Below the status bar is a red header bar with a back arrow icon on the left and a table with five columns: ID, Slot 1, Slot 2, Slot 3, and Slot. The table contains six rows, labeled A through F in green circles on the left. Row A is highlighted in yellow. Row B has a yellow background for Slot 1. Rows D, E, and F are greyed out. At the bottom of the screen is a green button labeled 'TARE SLOT'.

ID	Slot 1	Slot 2	Slot 3	Slot
A	Red Bull QTY: 5	Celsius Oasis vibe 33,5cl QTY: 2	NOCCO 330ml QTY: 5	NOCCO 330ml QTY: 3
B	Loka 500ml QTY: 6	Ramlösa 330ml QTY: 4	Pepsi Max 33cl QTY: 7	Monster Zero QTY: 5
C	Marabou Mjölchoklar ulle QTY: 5	Daim dubbel QTY: 4	Wasa Sandwich Paprika QTY: 3	Plopp QTY: 5
D	DISABLED	DISABLED	DISABLED	DISABLED
E	DISABLED	DISABLED	DISABLED	DISABLED
F	DISABLED	DISABLED	DISABLED	DISABLED

TARE SLOT

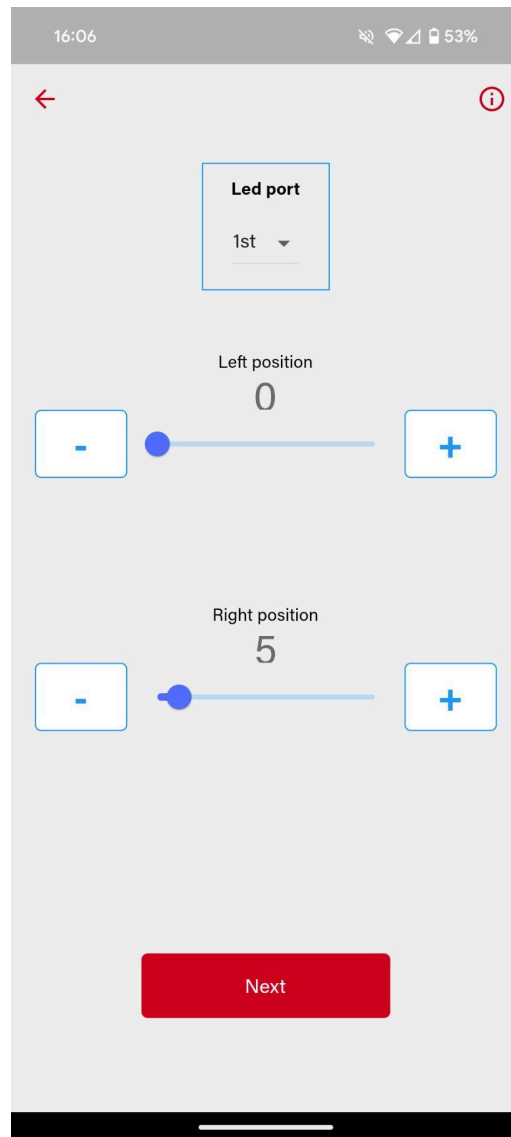
To set up a product press twice on an enabled slot and a new page with a list of products will be shown. You can filter the product by using the search option on the top of the page, or use your camera to scan the barcode of the product (For this to work the products need to have their barcode entered in the admin back office)



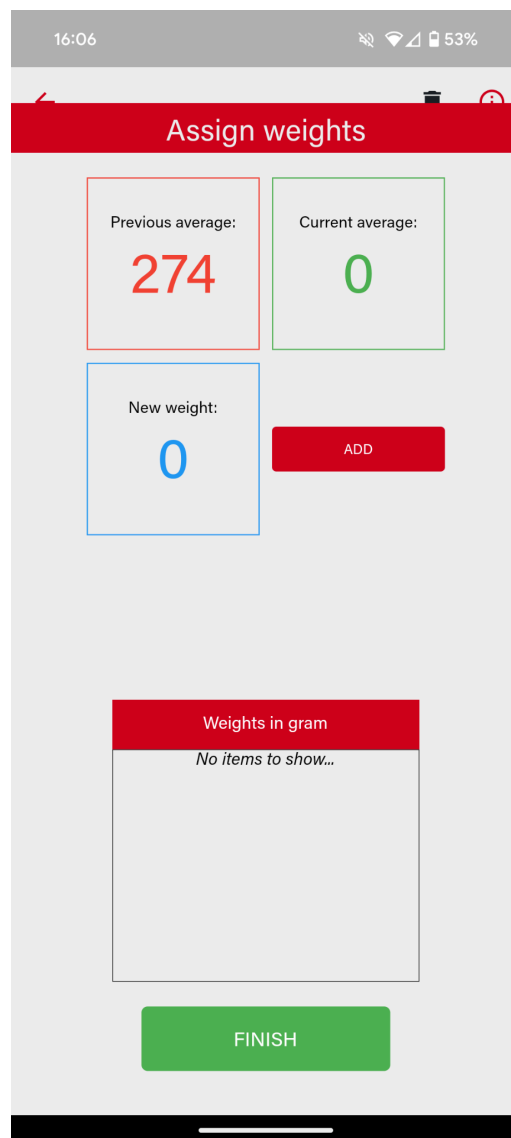
The screenshot shows a mobile application interface with a search bar at the top. Below the search bar, a list of products is displayed, each with a green circular icon containing a number. The products listed are:

Product ID	Product Name	Price
3697	7UP Grapefruit 50cl	1.80SEK
3876	Action Energy Drink 25 cl Dose	1.80SEK
3835	Air Waves Trio	3.10SEK
12402	AlarmAbove	3.00SEK
12403	AlarmBelow	3.00SEK
3853	All i need green Tea	2.50SEK
3854	All i need white Tea	2.50SEK
3871	Allegra Mineral ohne Kohlensäure 50 cl PET	1.20SEK
12642	Almondy Mandeltårta (Fryst)	55.00SEK
12718	Almondy Mandeltårta, fryst	55.00SEK
12643	Almondy Salted Caramel	55.00SEK
10911	Aloe Vera LaLa fruit	16.00SEK
10912	Aloe Vera Passion	16.00SEK

Once a product has been selected the next step is setting up the LEDs under the slot to cover the whole slot. On the top you have a dropdown to select which shelf you are setting up. Then you select the starting point of the slot with the Left Position slider and then the ending of the slot with the Right Position slider. Once finished click on the Next button.



After the LEDs have been set up you need to weigh in the products you are setting up. For this you will need to take one of the products and place it on the slot you are setting up. Once that is done you will get the weight of the product under New Weight then just press the ADD button and repeat this process with at least 3 products to get a good average weight. After that press the finish button and the setup process is done.



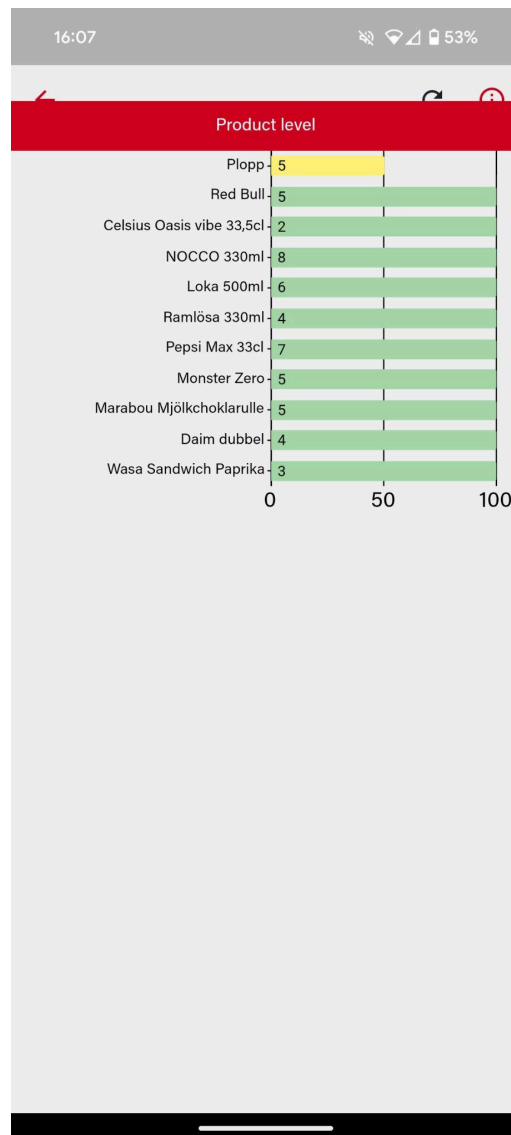
Product Levels

The 2nd option on the Inventory Page is Product levels, here you have an overview of the stock in the kiosk. This page uses the Alert amount set on the products in the admin back office to show the level of the stock.

Red = Critical Level

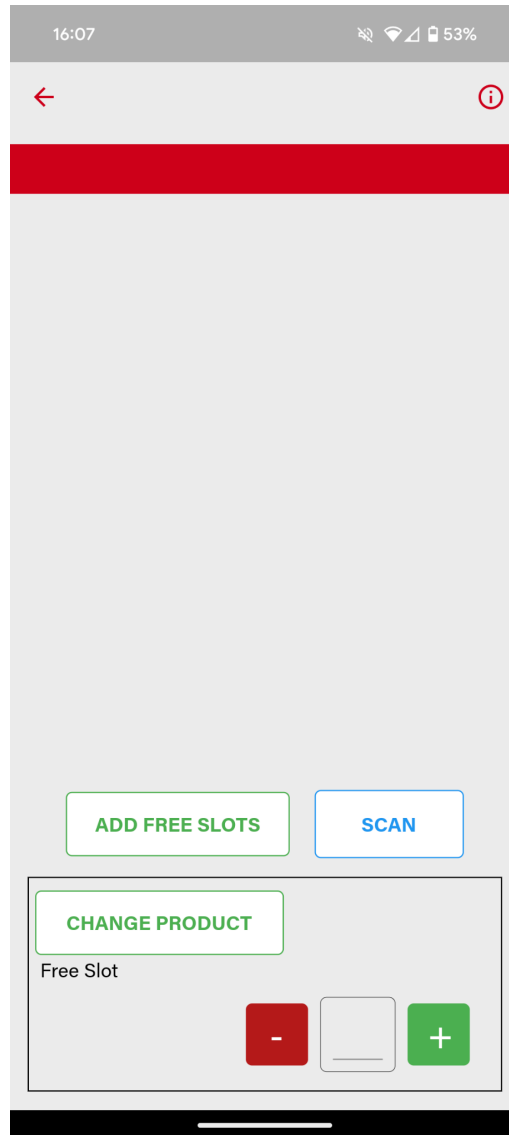
Yellow = Near Critical Level

Green = OK Level



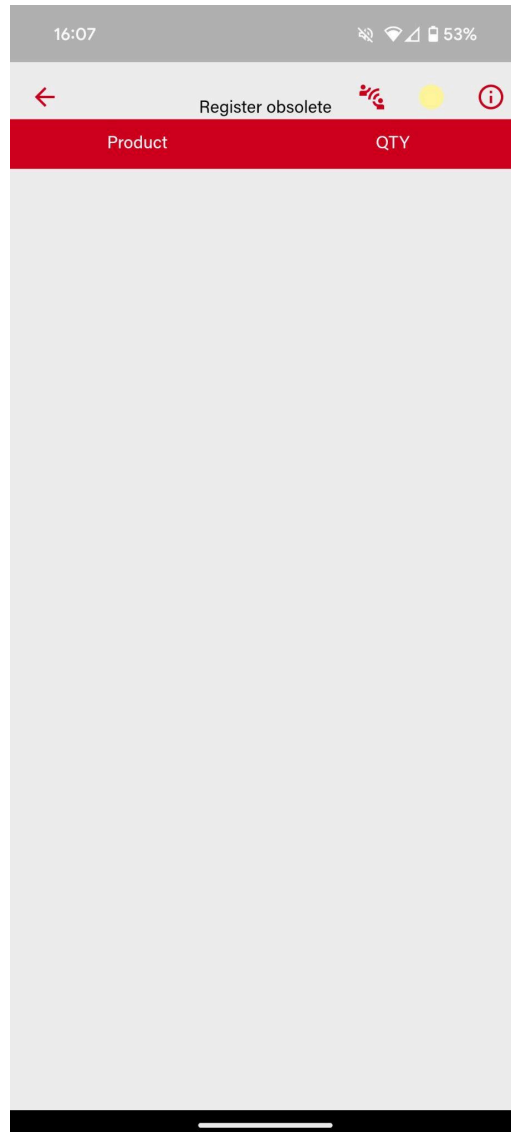
Scannable

In this section you can manage the scannable products if you are using them. You can create virtual shelves by pressing the Add free slots button, this will add 4 slots that you are then available to set product on them either by using the Scan button and scanning the barcode or the Change Product to add a product manually and adjust the quantity of it.



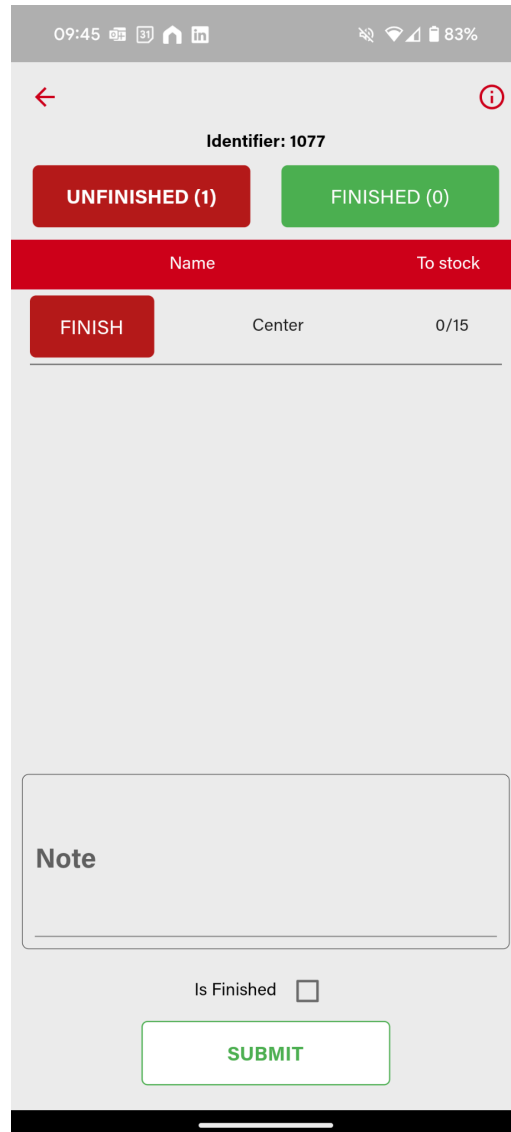
Register Obsolete

In this function you select a specific product that you want to make obsolete = register as waste. This product will then be registered as waste.



Replenish

On this page you can see the replenish order created from the admin back office and manipulate them.



09:45 31 83%

Identifier: 1077

UNFINISHED (1) FINISHED (0)

Name	To stock
FINISH	Center 0/15

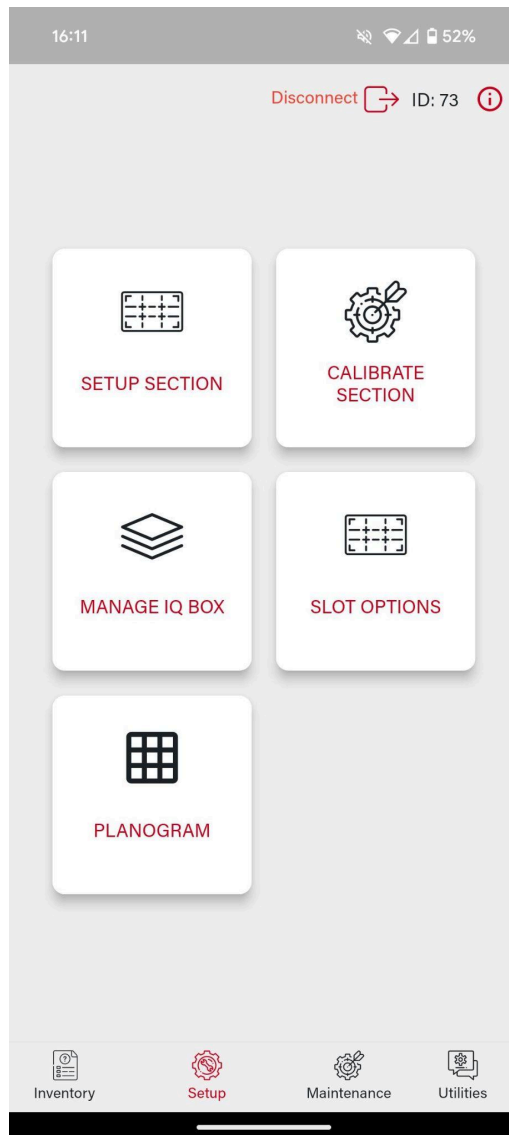
Note

Is Finished

SUBMIT

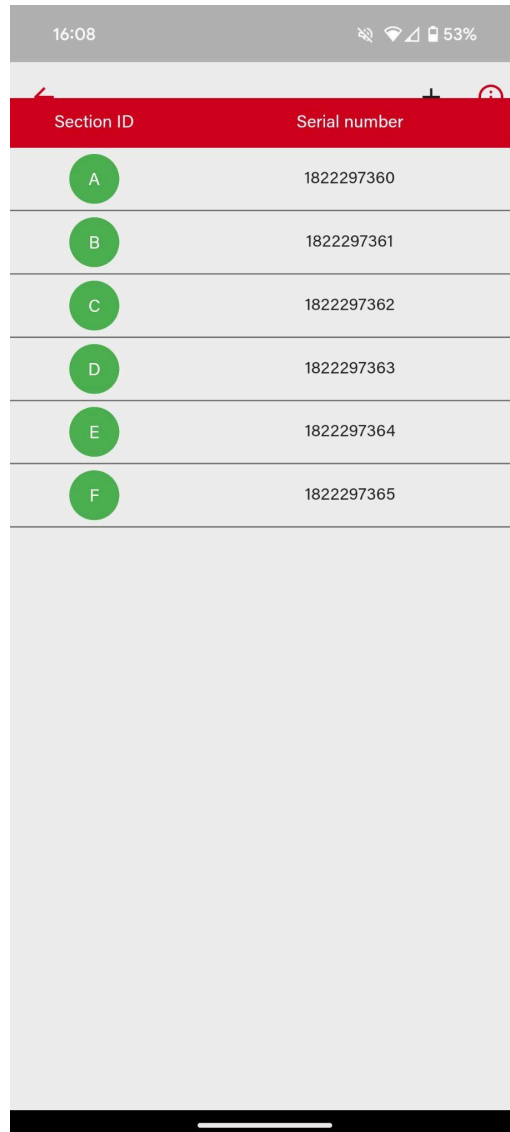
Setup Section

The 2nd section in the menu below is the Setup section, here you can manage the shelves on the kiosk.



Setup Section

This section was used to detect the shelves in the kiosk on the first start up, this process is automated now, so not in use now.

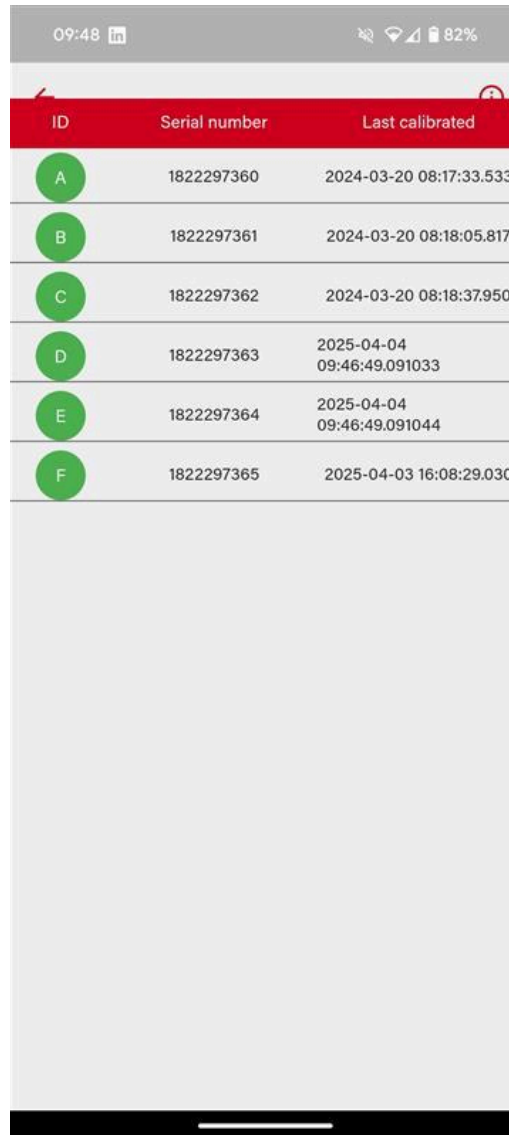


The screenshot shows a mobile application interface with a status bar at the top displaying the time 16:08, signal strength, Wi-Fi, and 53% battery. Below the status bar is a red navigation bar with a back arrow on the left and a plus icon on the right. The main content area features a table with two columns: 'Section ID' and 'Serial number'. The table contains six rows, each with a green circular icon containing a letter (A-F) in the 'Section ID' column and a serial number in the 'Serial number' column. The serial numbers are 1822297360 through 1822297365.

Section ID	Serial number
A	1822297360
B	1822297361
C	1822297362
D	1822297363
E	1822297364
F	1822297365

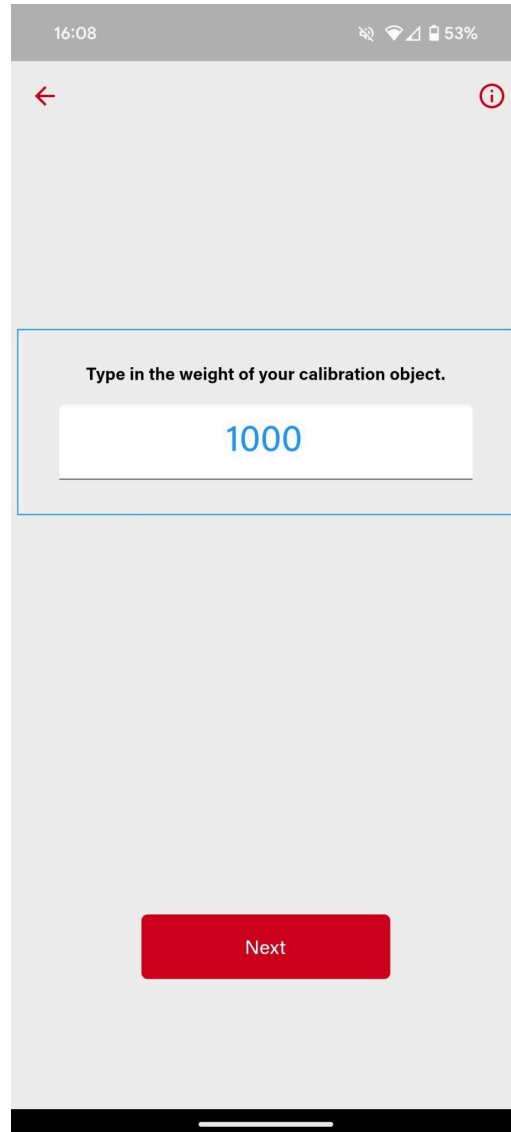
Calibrate Section

The 2nd option of the Setup section is calibration. On this page you select the shelf you want to calibrate. On the first startup of the kiosk its mandatory to calibrate/recalibrate all the shelves.

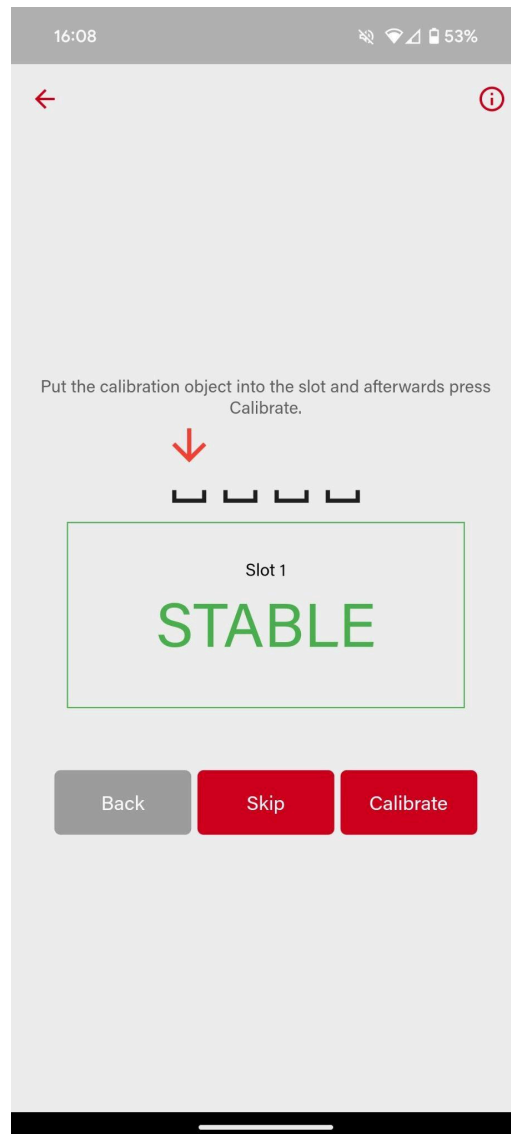


ID	Serial number	Last calibrated
A	1822297360	2024-03-20 08:17:33.533
B	1822297361	2024-03-20 08:18:05.817
C	1822297362	2024-03-20 08:18:37.950
D	1822297363	2025-04-04 09:46:49.091033
E	1822297364	2025-04-04 09:46:49.091044
F	1822297365	2025-04-03 16:08:29.030

The next page after selecting the shelf for calibration is entering the weight you are going to use to calibrate the shelves. There is always a 1KG weight supplied with the kiosk to perform calibration.

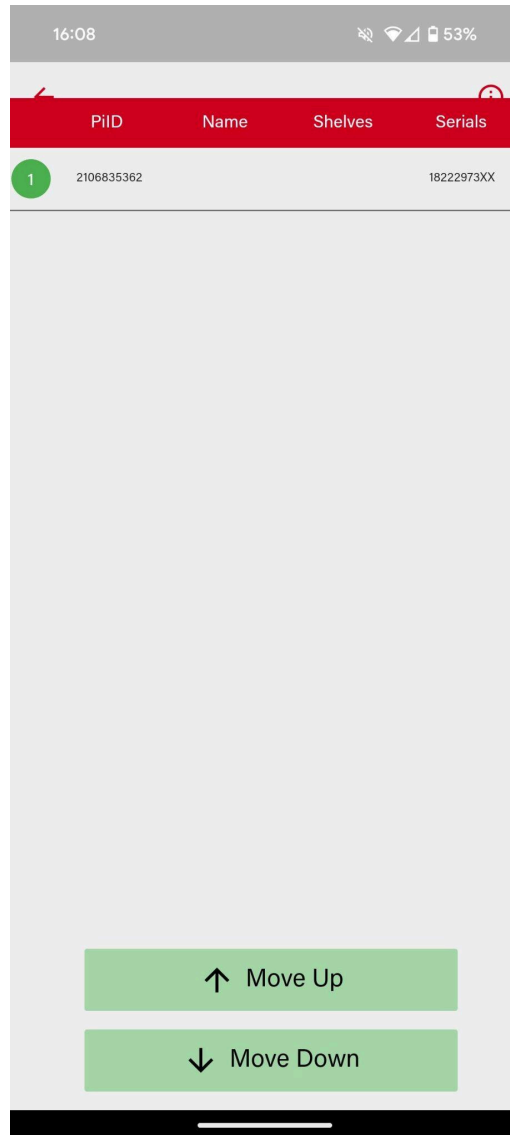
A screenshot of a mobile application interface for calibration. At the top, a grey status bar shows the time '16:08' and battery level '53%'. Below this is a navigation bar with a red back arrow on the left and a red information icon on the right. The main content area has a light grey background. A white rectangular box with a blue border contains the text 'Type in the weight of your calibration object.' and a text input field with the number '1000' in blue. At the bottom of the screen, there is a red button with the text 'Next' in white. The bottom edge of the screen shows a black bar with a white horizontal line, indicating a mobile device's home indicator.

After entering the weight, you are taken on the following page. Here you need to place the weight on the designated slot on the shelf you are calibrating. The Stable text will change red and say Unstable, and then it should go back to stable. This means that the weight sensor detected the weight and has stabilized so you can click the Calibrate button. You will need to do this for all slots on the shelf. Also, on this page its always 4 slots shown so if your shelf has 3 slots just press skip on the last one, it will say disabled to help you see what slot it's not available.



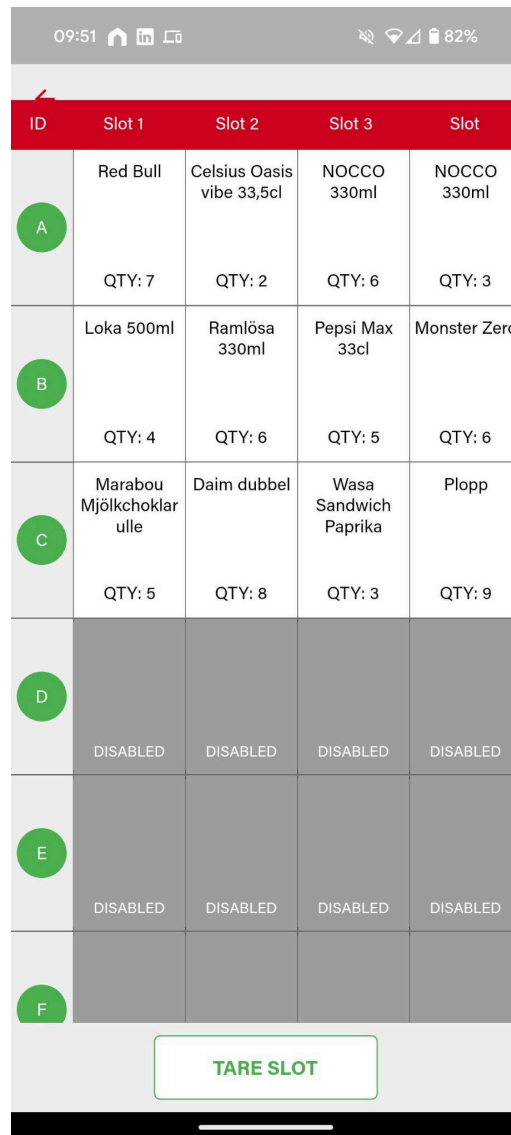
Manage IQ box

The 3rd option on the Setup section is Manage IQ box, here you can change the order of the IQ box, if you have multiple IQ boxes and they are unordered you can use this page to set the correct order starting from the left kiosk all the way to the right.



Slot Options

The 4th option on the Setup section is Slot options. On this page you can tear the values from the slot, so this is used in case you want to add a container to hold the products.



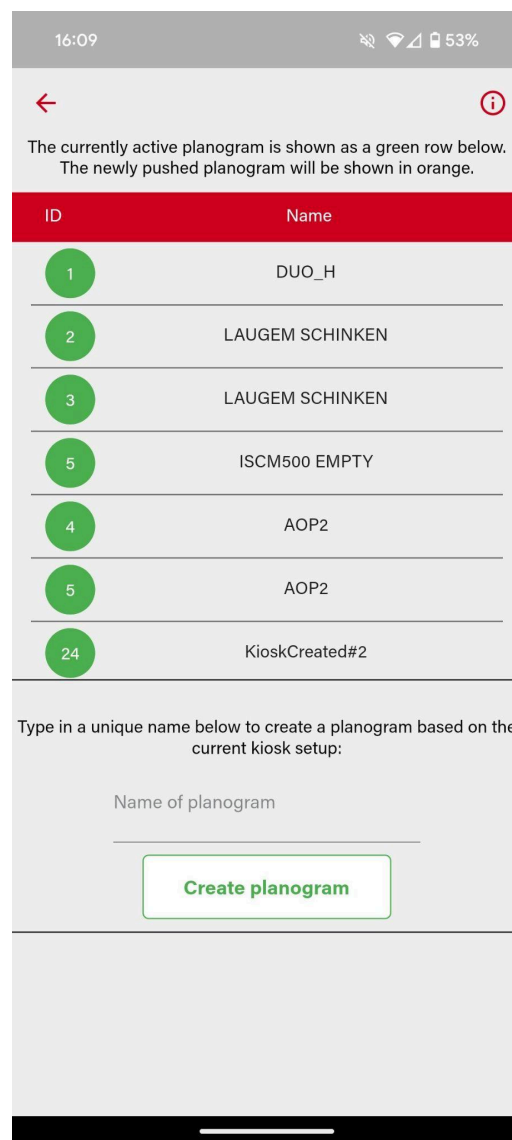
ID	Slot 1	Slot 2	Slot 3	Slot
A	Red Bull QTY: 7	Celsius Oasis vibe 33,5cl QTY: 2	NOCCO 330ml QTY: 6	NOCCO 330ml QTY: 3
B	Loka 500ml QTY: 4	Ramlösa 330ml QTY: 6	Pepsi Max 33cl QTY: 5	Monster Zero QTY: 6
C	Marabou Mjölchoklar ulle QTY: 5	Daim dubbel QTY: 8	Wasa Sandwich Paprika QTY: 3	Plopp QTY: 9
D	DISABLED	DISABLED	DISABLED	DISABLED
E	DISABLED	DISABLED	DISABLED	DISABLED
F	DISABLED	DISABLED	DISABLED	DISABLED

TARE SLOT

Planogram

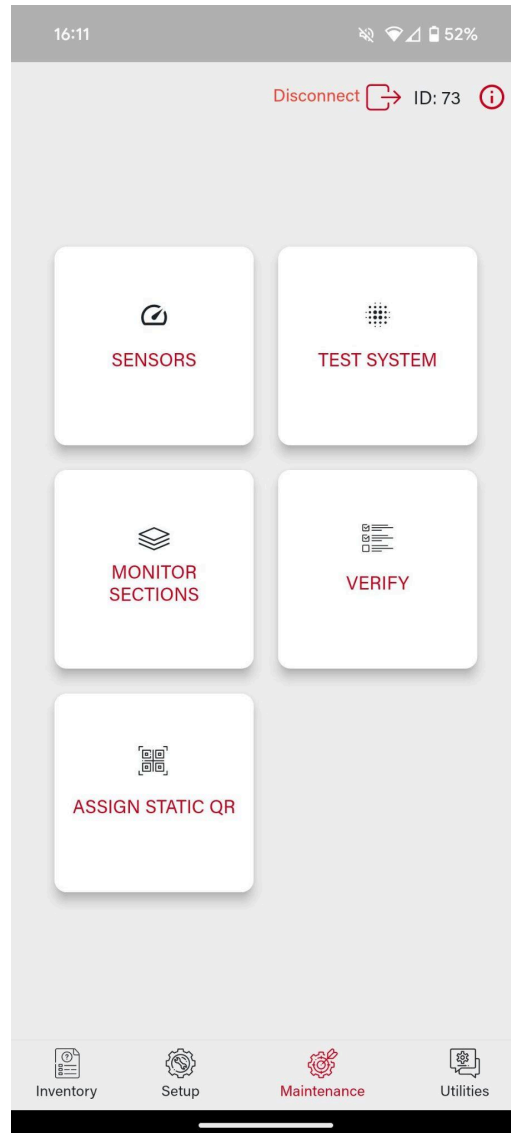
The final option of the Setup section is planograms. You can use planograms to preload product layout in the cooler or just a shelf layout to enable the slots and set the LEDs so you can make the setup easier. Select a premade planogram from the list and click twice on it, this will prompt you if you wish to load the planogram to the cooler.

There is also the option to create a planogram, if you have done the setup of the cooler and wish to store the planogram to use on another cooler you can enter a name for the planogram and click the Create Planogram button.



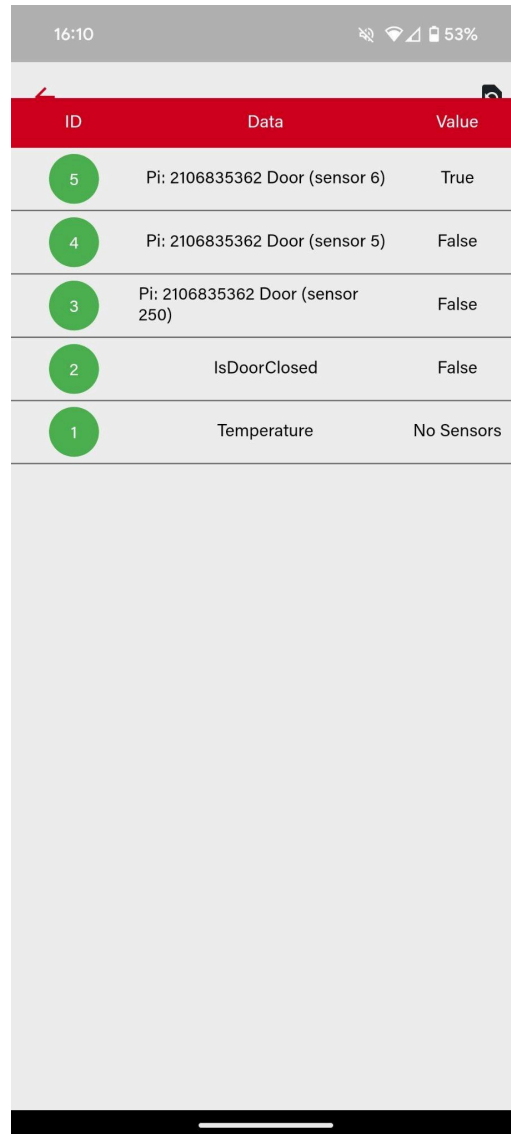
Maintenance section

The 3rd option in the menu is the maintenance section. This section is used to monitor and test the system.



Sensors

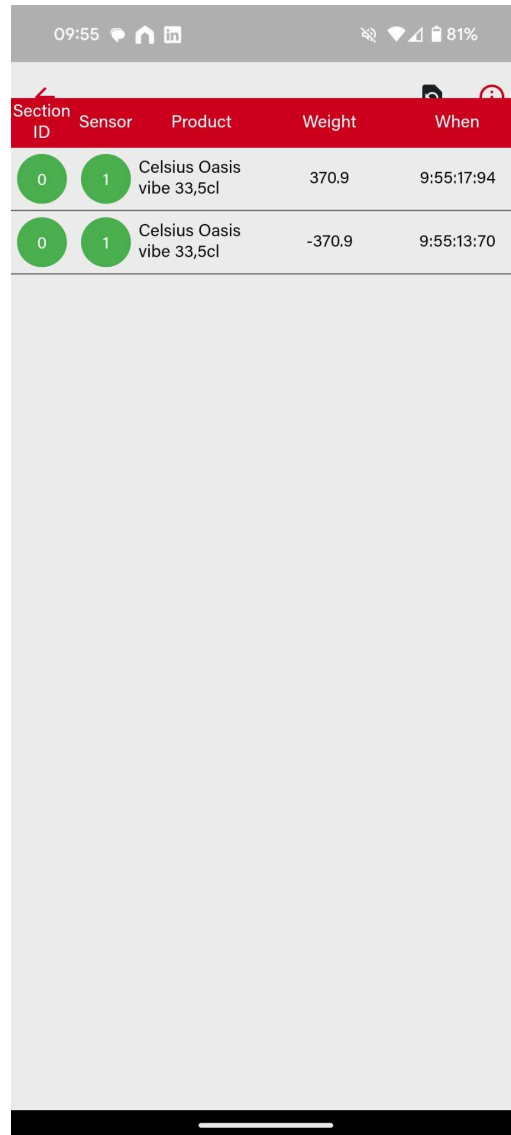
The 1st option is Sensors. On this page you have an overview of the locks and temperature sensors inside the kiosks if they have them.



ID	Data	Value
5	Pi: 2106835362 Door (sensor 6)	True
4	Pi: 2106835362 Door (sensor 5)	False
3	Pi: 2106835362 Door (sensor 250)	False
2	IsDoorClosed	False
1	Temperature	No Sensors

Test System

The 2nd option on the Maintenance section is Test System. On this page you can place weights on the empty shelves to test what values they give. If using the 1KG weight you should have a near 1000gr weight when you place the weight on a slot and near -1000gr when you remove it.

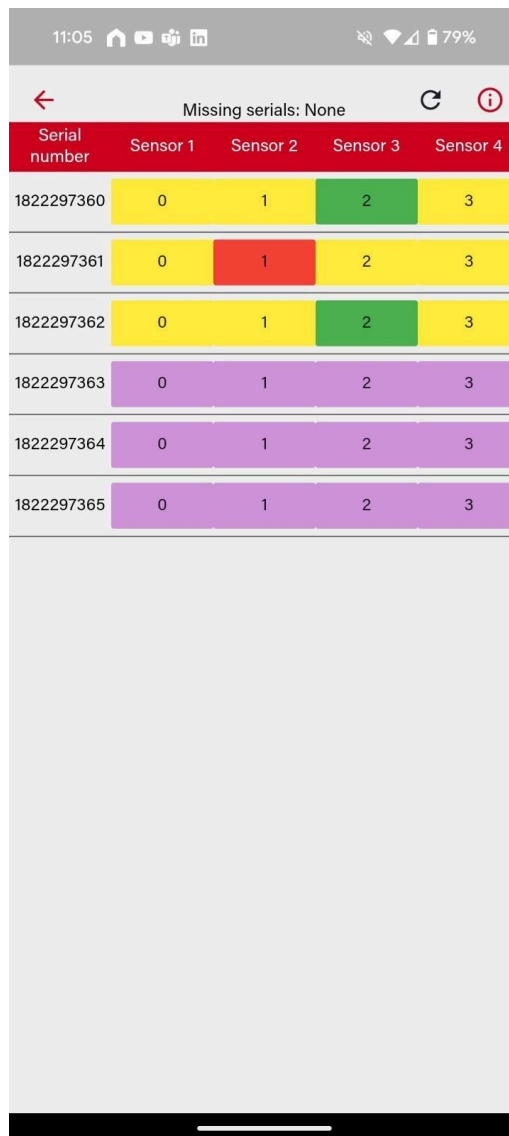


The screenshot shows a mobile application interface with a table of sensor data. The table has five columns: Section ID, Sensor, Product, Weight, and When. The data is as follows:

Section ID	Sensor	Product	Weight	When
0	1	Celsius Oasis vibe 33,5cl	370.9	9:55:17:94
0	1	Celsius Oasis vibe 33,5cl	-370.9	9:55:13:70

Monitor Sections

The 3rd option on the Maintenance section is Monitor Sections. On this page you can check if we have communication with all the slots. On the top you have Missing serials, if there are some serials in that line it means we do not have communication with the whole shelf. To test if we have communication with the slots, you can open the door and with your hand touch a slot that you want to test, the slot will go red on the screen and after a few seconds it will go green once it stabilizes. This means that the slot is functioning, if you have a slot that is red all the time it means that the slot is constantly unstable and needs to be investigated.



The screenshot shows a mobile application interface for monitoring sensor data. At the top, the status bar displays the time 11:05, signal strength, Wi-Fi, and 79% battery. Below the status bar, there is a navigation bar with a back arrow, the text "Missing serials: None", a refresh icon, and an information icon. The main content is a table with the following structure:

Serial number	Sensor 1	Sensor 2	Sensor 3	Sensor 4
1822297360	0	1	2	3
1822297361	0	1	2	3
1822297362	0	1	2	3
1822297363	0	1	2	3
1822297364	0	1	2	3
1822297365	0	1	2	3

The table rows are color-coded: the first row is yellow, the second row is red, the third row is green, and the remaining three rows are purple. The values in the table are 0, 1, 2, and 3 for each sensor column.

Verify

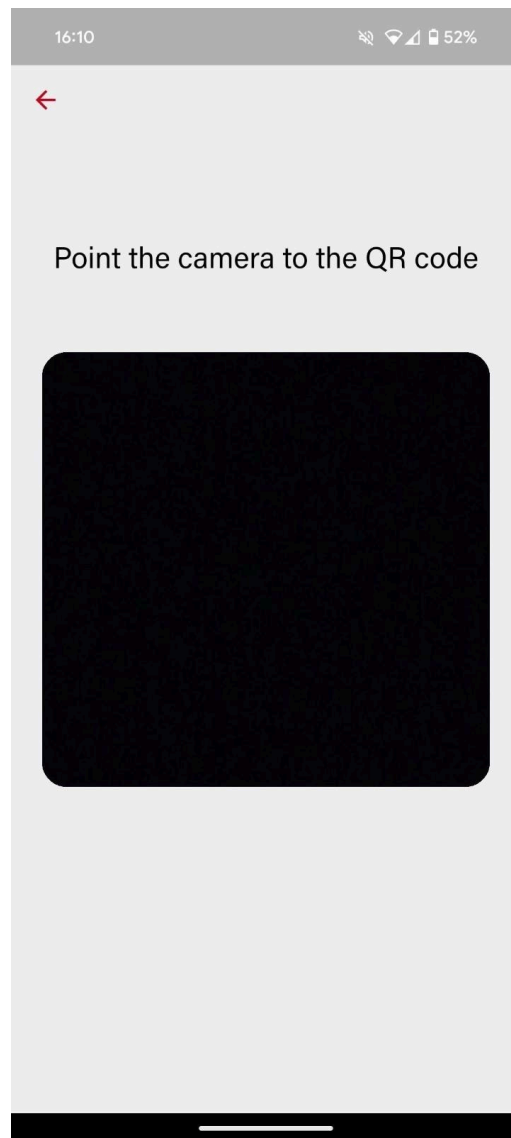
This function shows percentage (%) of what the difference is between the weighted product and the product that you took from the shelf. This gives a quick overview of whether it is right or wrong when the result appears as green or red. This function is available so that you can test that the system is working correctly and that the products are correctly weighted.



ID	Slot 1	Slot 2	Slot 3	Slot
A	Red Bull 0.0%	Celsius Oasis vibe 33,5cl 0.0%	NOCCO 330ml 0.0%	NOCCO 330ml 0.0%
B	Loka 500ml 0.0%	Ramlösa 330ml 0.0%	Pepsi Max 33cl 0.0%	Monster Zero 0.0%
C	Marabou Mjökchoklarul le 0.0%	Daim dubbel 0.0%	Wasa Sandwich Paprika 0.0%	Plopp 0.0%
D	DISABLED	DISABLED	DISABLED	DISABLED
E	DISABLED	DISABLED	DISABLED	DISABLED
F	DISABLED	DISABLED	DISABLED	DISABLED

Assign Static QR

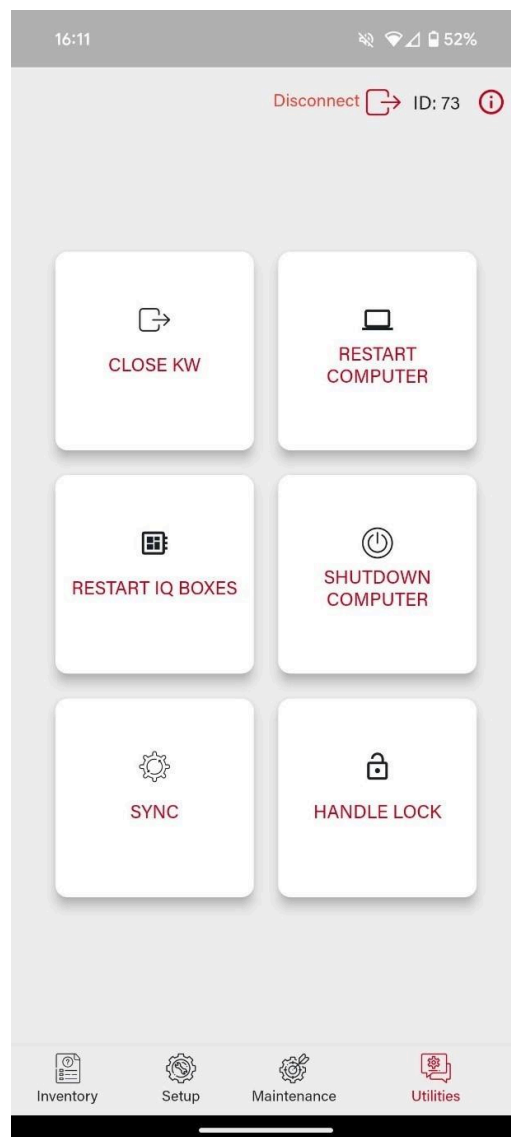
On this page you can assign a printed QR code to be able to open the kiosk, this is mostly used on kiosks with no screens on them so customers can scan the printed QR code to do transactions.



Utilities section

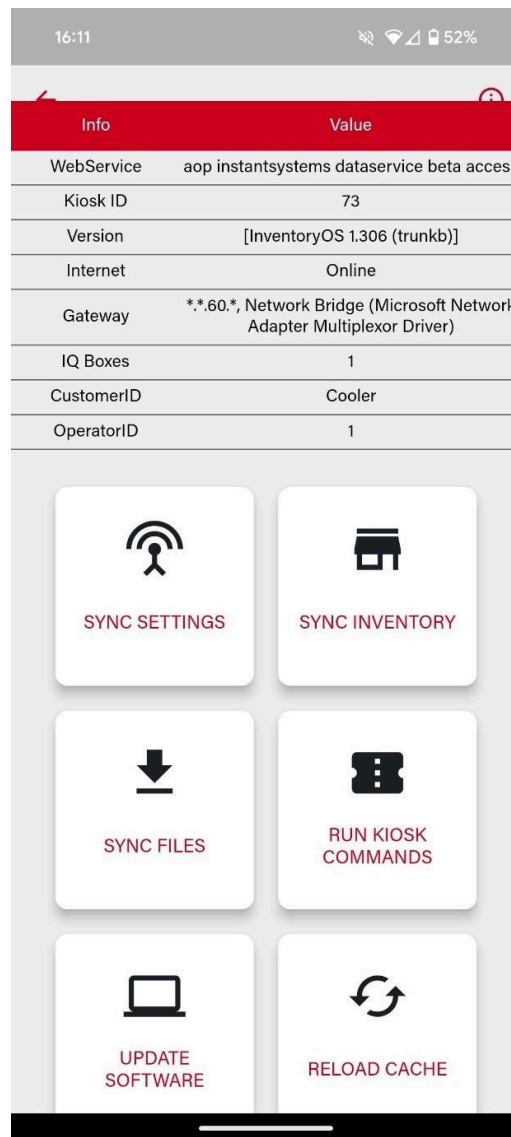
This is the last option in the menu. On this page you can manipulate the system.

- Close the Kiosk ware application
- Restart The computer
- Restart the IQ boxes
- Shutdown the computer
- Sync options
- Locks options



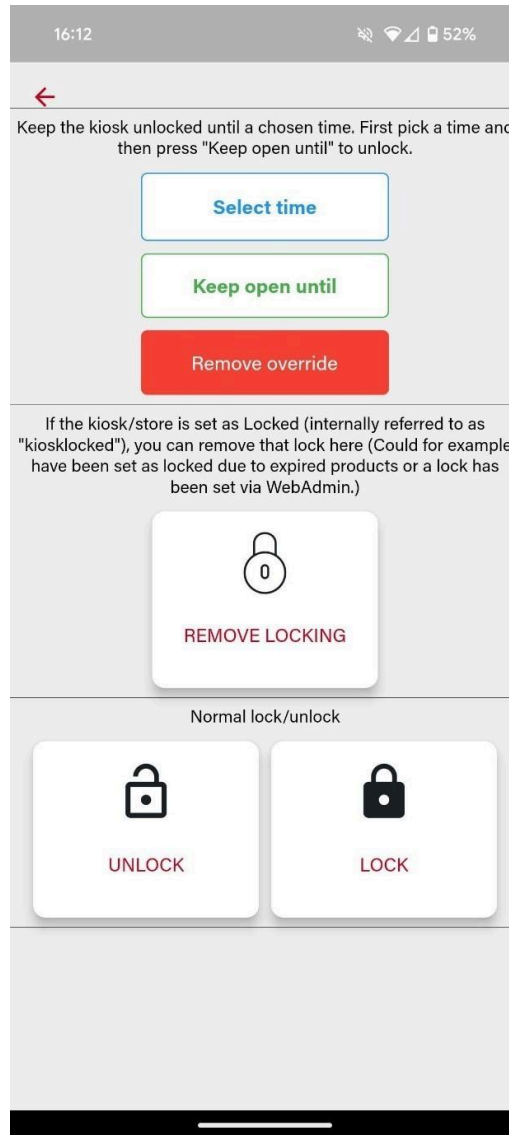
Sync

This page is used to manually sync information from the servers down to the kiosk. So, if you have made changes in the admin back office and want to sync them down to the kiosk manually faster than just navigate to this page and sync the Settings, Inventory or Files. Also, if there is a newer version available of the software you can click on the update software button.

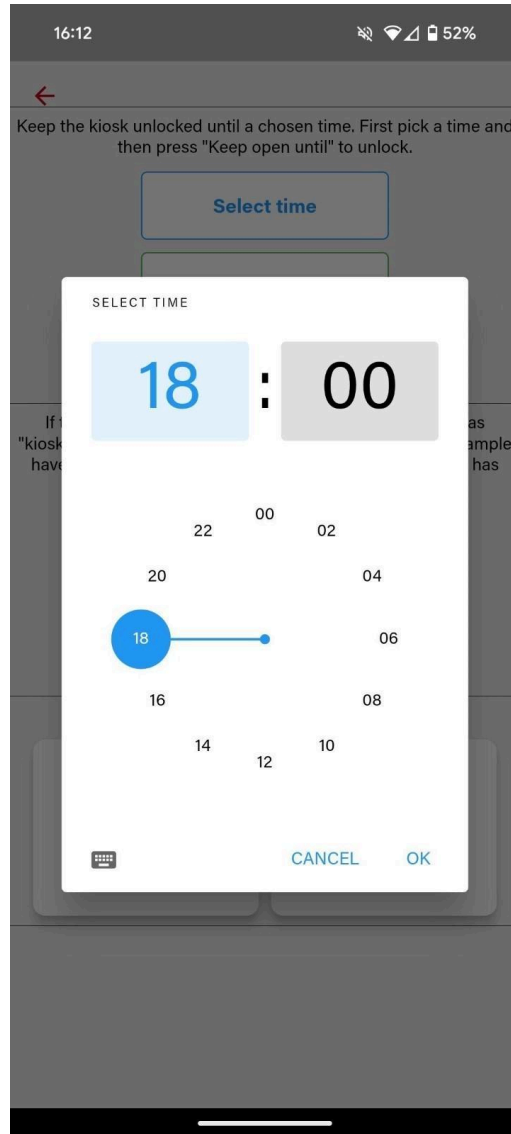


Handle Lock

On this page you can manipulate the locks of the kiosk.



- If you for any reason want to have the kiosk open in some designated hours you can set times when the kiosk should be open or override an existing unlocking period.
- If the cooler is locked because of temperature or power loss you can remove the locking by pressing the Remove locking button that is in the middle of the page.



- You can unlock or lock the locks by pressing the buttons on the bottom of the page.



 instantsystems.se

 info@instantsystems.se

 Ryssnäsgratan 18, 504 64 Borås, Sweden

 +46 33 750 1000