

Smart Store Platform Support:

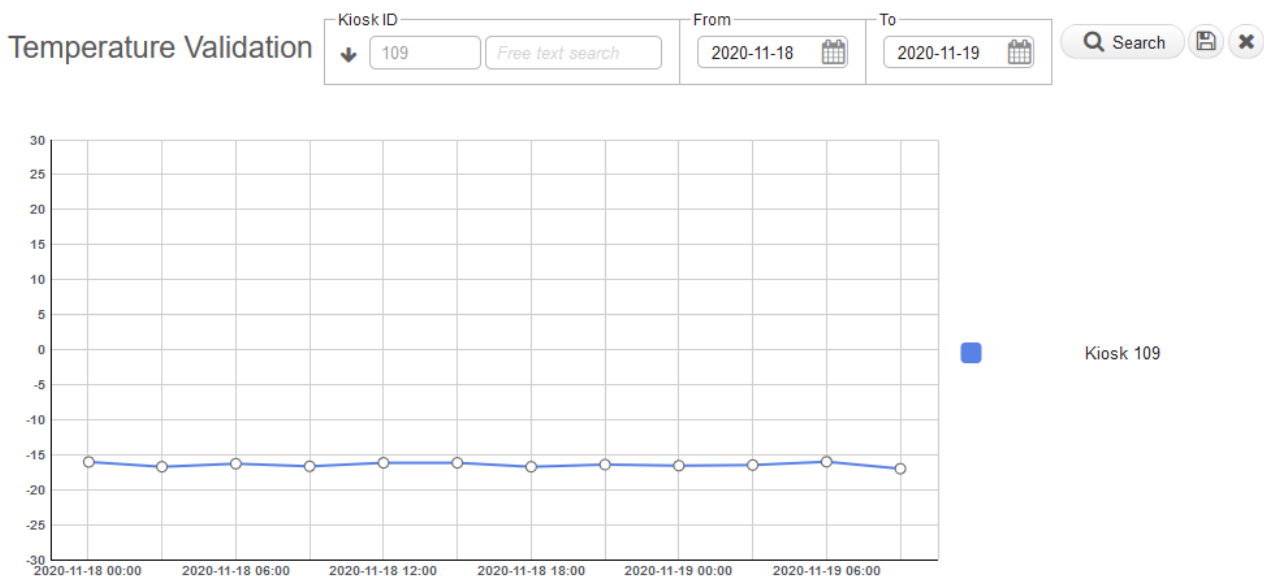
Admin Temperature and Product Locking System

Temperature system inside the Coolers/Freezers

Cantaloupe Smart Store coolers and freezers are all equipped with temperature sensors in the top part of the cooled area. These sensors are highly integrated in the kiosk software to comply with Health and Food regulations. Since the regulations may differ between countries the software is configurable on how to act on temperature changes (See Configuration Settings).

Functions

Model:	600	850
Auto-locking if temperature is outside of allowed temperature range for a specified duration	X	X
Remote locking/unlocking of coolers	X	X
For DUOs and Lounge models, only cooler affected by bad temperature will auto-lock	X	X
Disable Auto-unlocking even if temperature go down if frequency (two times) or duration (Bad temperature for more than 1 hour) is met.	X	X
Monitor readings and view historical graphs of the temperature in back office (see image 1 below)	X	X
Configure Cooler/Freezer temperature remotely		X
Auto-locking because of bad temperature can be configured to send email alert	X	X
Ability to configure open hours for machines. If time and day is outside of an open interval, the machine will auto-lock.	X	X
Ability to specify auto-locking schedules per product. Example: If machine has Fresh salad in stock after 9PM a Tuesday, auto-lock the cooler(s) that contains that product.	X	X





Configuration Settings

BadTemperatureDuration

Default value -1

The number is in minutes. And after that minute duration has elapsed with bad temperature inside it will lock the cooler down. A value of -1 mean it is disabled.

TemperatureAlarmDiff

Default value 5.0

How many degrees a cooler can diff before triggering alarm

TemperatureValue

Target value, should be set to the same temperature as the coolers.

For the 850 Model, changing this setting will also adjust the temperature in the Cooler/Freezer meaning you can remotely control the temperature of the machines.

Temperature Notifications

When a kiosk is triggered with a bad temperature, an email will be sent to all addresses specified in the server setting: Service.AlertMailTo and kiosk setting MailTo.Alert

The kiosk will also be set to maintenance mode so that it will show up as such in the Dashboard in webadmin.



Open Hours

Open Admin and go to Network->Information->Kiosk, navigate to tab: Open Hours when editing the kiosk. When adding open hours to a kiosk there are a few things to consider. If there are no times added, that means the store is open 24/7. If you add for example 08:00 - 17:00 for only Monday. Then it will be open that time on the Monday and on the other days it will be open 24h each day. There are a few different day types to pick from and they are prioritized differently.

- **Single days:** Has highest priority compared to for example All Days. If a All Days and a Monday time is added, the system will use the Monday time. That same principle goes for them all in this order:
 - 1. Single Day.
 - 2. Monday-Friday.
 - 2. Weekends.
 - 3. AllDays.
- **Monday-Friday:** Pretty self-explanatory. Will set a time for the 5 work days.
- **Weekends:** This is the time for Saturday and Sunday.
- **All Days:** Has the lowest priority, so any single days added on the same kiosk, or the other two types will have priority over this one.

You can have more than 1 open hour schedule for 1 day. So for example on Monday you can set 08:00- 11:00 and 12:00-16:00 both with priority Normal. The kiosk will then be open during those 2 spans on that day. If a time span with a priority above that one is available for that day. Then only that one will be used. Using the ValidTo for special days is therefore smart so that the higher priority open time expires after Christmas for example.

There is also a **Closed** type to select. If the Closed type has the highest priority the store will be closed that entire day. The priority here also depends on the Day type as well as the actual Priority set. You cannot mix and match Open and Closed times on the same day. It will use the one with the highest priority. So only 1 time span is allowed for a day's open hours, or it will be closed the entire day if the Closed gets the highest priority.

Product Lock / Product Available Hours

This system allows operators to set what hours a product should be able to be sold. If no time is set it will always be active. If a time is set, then it will only be available for sell during that duration span. If it's not currently within that duration, then that kiosk will lock itself. If it's a duo, then it will just lock 1 of them if that product is only in 1 cooler. If that product exists in both coolers then both will be locked. The locked cooler will also have the lights disabled on it so that you can easier see it. A cooler that has no products left (quantity 0) of the product that is outside the available hours will not be affected.

Settings

ProductLockEnabled: If enabled, products can have a time set for them when they are available to be purchased. If outside that time and there are quantities of that product in the kiosk, the kiosk will not unlock that cooler. For DUO it will lock 1 or 2 depending on where the product(s) is located.

WebAdmin

You can reach admin through the following url: <https://admin.instantssystem.se>

• You can reach this system if you navigate to Network->Inventory->Product Search. Then select a product in the list and expand the details field. Click the Edit Lock Hours button. These are the default values for the available hours and will be out prioritized if the same day has a set value for the specific kiosk.

The screenshot shows a web form for product details. The 'Details' section is highlighted in red. The form contains the following fields and buttons:








- Language: [Dropdown menu] [Localize Description]
- Description: [Text area]
- Alert Amount: [Input: 0] Age Restriction: [Input: 0] Weight Allowance: [Input]
- External Item ID: [Input: 1]
- Product Type: [Dropdown: Normal] Units per package: [Input: 1]
- Is Expirable:
- External Info for Operator: [Dropdown: Instant Test (2)] [Edit External Info]
- Media
- Categories
- [Save]

The 'Edit Lock Hours' button is highlighted with a red box.

- Or you can set a value for a product per kiosk (this one has higher priority compared to default values) by navigating to Network->Inventory->Restock Report and clicking on the Edit button in the Lock Times column.

Restock Report

Product Kiosk ID Include Test Kiosks

Product ID	Kiosk ID	Product Name	Lock Times	External ID	Article number	Barcode	Min Count	Preferred Stock Level	Product Count	Restock value	Kiosk total restock
1	1	TeddyBjorn		95001700	BKLI32	BKLI321,12345...	1	15	0	15	0
2	1	Coca Cola åä ö &		123456GPTEST	TEST		1	15	0	15	0
3	1	Brandvarmare		950017	ELD665		1	15	0	15	0
4	1	Brandsläckare		950017	ELD667		1	15	0	15	0
5	1	Headphone		950017	EARH0999	EARH0999	4	15	0	15	0
6	1	Headphone2		950017	EARH1000		8	15	0	15	0
7	1	Headphone3		950017	EARH1001		2	15	0	15	0

Both edit menus displayed in the above two screenshots has this menu:

Available Hours (P: 2, K: 1) ✕

Monday: **From:** 07:00 **To:** 22:00

Tuesday: **From:** 07:00 **To:** 22:00

Wednesday: **From:** 07:00 **To:** 22:00

Thursday: **From:** 07:00 **To:** 22:00

Friday: **From:** 07:00 **To:** 22:00

Saturday: **From:** 07:00 **To:** 22:00

Sunday: **From:** 07:00 **To:** 22:00

Save

In order to set a timespan, you click on the checkbox for the day, and then enter a from time and a to time. The time specified here will be the time that the product can be sold on. If no time is set (checkbox is unchecked) then the product will be always available. The P and K in the title refers to ProductID and KioskID.

A updated change in Admin for a product will be synced down to the kiosk(s) within 6 minutes.



Kiosk

There are several different kiosk types available.

- Single Kiosk: If a product is outside hours here then it will show the Kiosk Locked page.
- Duo/Trio (Lounge): If all coolers have products outside of the available hours it will show the Kiosk Locked page. If less than the total amount of coolers have product outside the available hours then those coolers will show different led light and they will not unlock when logging in.
- Mini-Cooler (no display): If the cooler is locked and a customer scans with a Lova a message will be displayed informing that the kiosk is currently locked.

Override Product lock and Open hours

When a merchandiser logs out from the merchandiser page and there are at least one cooler locked due to available hours, then the merchandiser will be prompted to override the today's lock until the **To** time for that day has elapsed. If the merchandiser does not resolve the lock the cooler(s) will stay locked as normal until the available hours kick in that day.

