

Basic Parameter of Ice Cream Vending Machine

1 Vending Machine = 1 Smart Store

PRODUCT PARAMETER	
• Size	L960mm*W880mm*H1950mm (Adding light box: 2200mm)
• Floor area	0.91m ²
• Weight	320kg
• Screen size	32 Inch
• Flavor	One milk syrup, three solid toppings, three jams can DIY 59 flavors
• Order completion time	15 to 20 seconds
• Capacity of cup	60/160
• Material of cup	Paper cup / customized plastic cup (Cost 0.5 RMB)
• Capacity of milk syrup	Narrow model : 10L, wide model : 20L
• Rated voltage/frequency/power	220v 50Hz/220v 60Hz /110v 60Hz(Customizable)
• Material of food container	304 stainless steel, food grade pp, food grade silicone hose
• Main structure	International metal plate customized process
• Compressor	Embraco Compressor (International leading brand)
• Worm reducer	Worm and worm wheel
• Pump	High expansion rate suitable for automatic ice cream machines
• Motor	Variable frequency motor
• Electric current	10A
• Refrigerant	R404a
• Power switch	32A Air switch
• Sensor	International brand Omron
• LCD	BOE(International foremost suppliers)
• Power cable	2.5 square*3 core power cable
• First forming time	< 15min
• Communication interface	rs232/MDB
• Peak voltage	Maximum peak voltage : 1800w
• Energy Consumption	Average daily energy consumption: 10 to 15 kWh

The FAQ of Basic Data

1 Vending Machine = 1 Smart Store

**Q: How mach milk syrup can be accommodated?
How many cups of ice cream can be made in the full refilled material tank?**



A: The capacity of material tank has two choice including **10L and 20L**. The size of 10-liter milk syrup tank is 32cm in length, 19cm in width, 17cm in height. Our machine with the full milk syrup tank can make **70 to 90 cups** of ice cream based on the capacity of a single cup of ice cream.

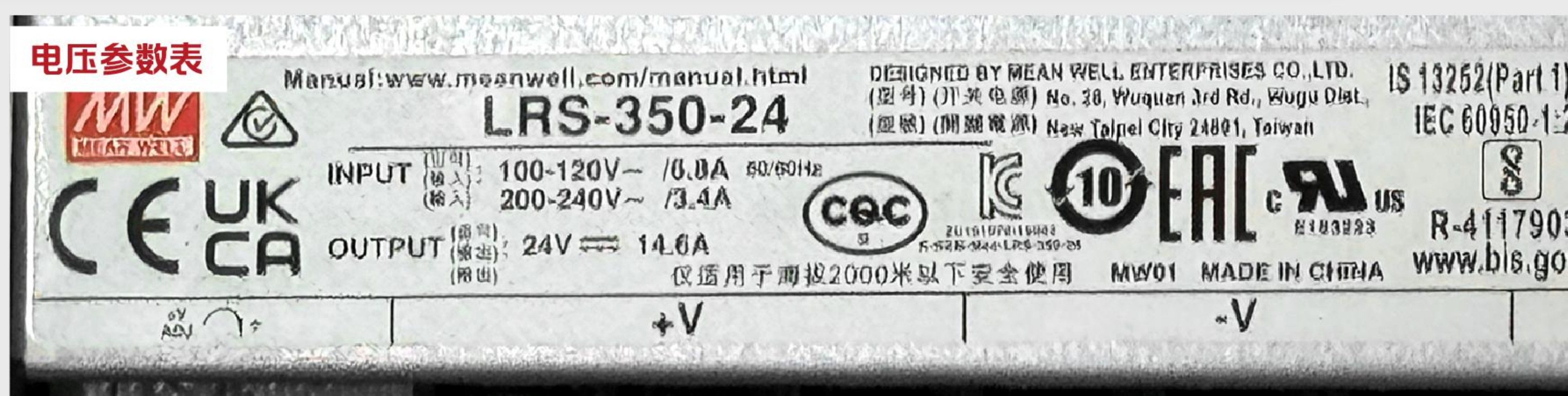
B: The 20-liter material tank is 50 cm in length, 30 cm in width, 20 cm in height. Our machine with the full milk syrup tank can make **150 to 180 cups** of ice cream based on the capacity of a single cup of ice cream.



02

Q: What about the voltage of the machine and energy consumption?

A: The voltage is 220V, and the peak voltage is 1800W, The average daily energy consumption of our machine is about 10 to 15 kWh.



The Process of Cleaning

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We suggest that operators clean the machine on a regular basic in order to ensure the original taste of ice cream. The machine with the function of one-touch cleaning can be operated simply.

Specific Operational Steps:

① First, click the Unfreeze button to unfreeze the solid milk syrup. Then, click the Discharge On button to let the residual milk syrup release out.



② Second, click the Cleaning button and pour the water into the milk syrup tank. Milk syrup is an oily substance. The best way is using the warm water to thaw it. After pouring water, the machine start to clean automatically.



③ Third, click the Discharge On to release the waste water.



After repeating the above twice, it can be cleaned up when the clear water basically flows out!

Comprehensive Advantages of Products

1 Vending Machine = 1 Smart Store

①. Customers can DIY **59** different flavors of ice cream by combining the main milk syrup with the auxiliary toppings.



②. The machine can continuously make **800 cups** of ice cream under the condition of continuous adding the ingredient.



③. It takes **15 seconds** to make a simple cup of ice cream, which can reduce the waiting time and increase the sales volume.



④. Customers can watch the full making process clearly and directly through this visible window.

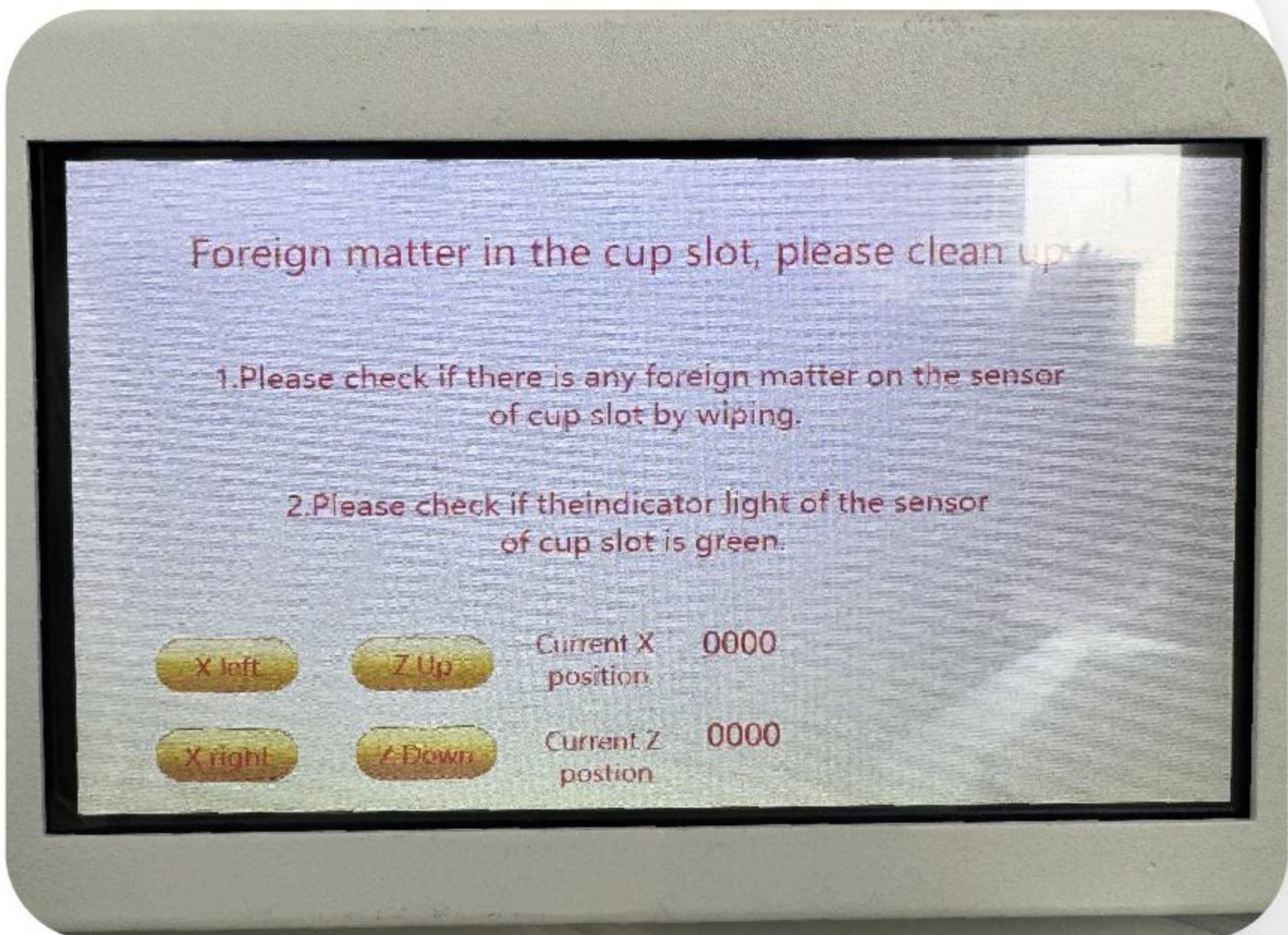


Advantages of The Machine System

1 Vending Machine = 1 Smart Store

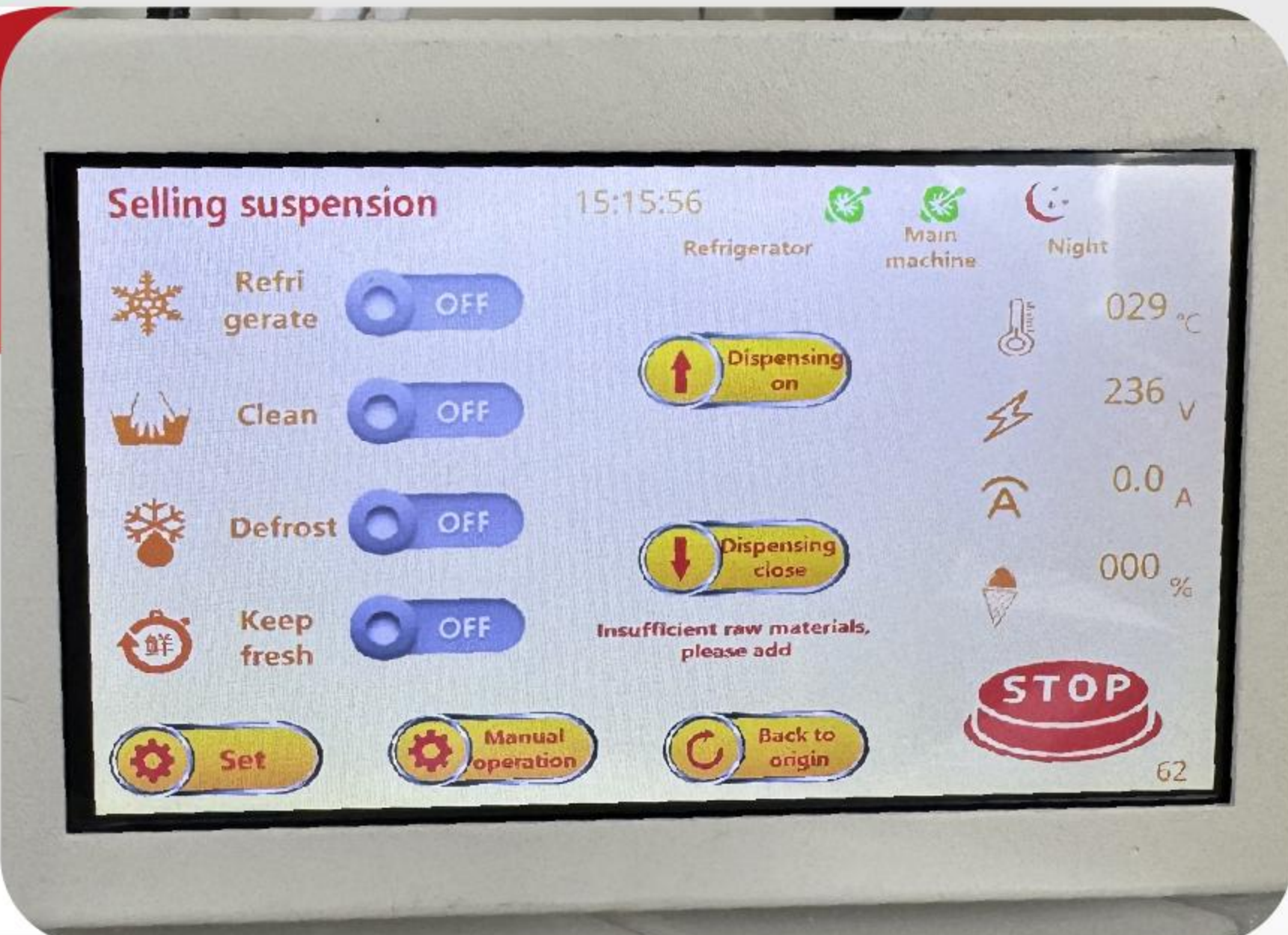
(1).[Cup Drop and Entry Cup Detection]

The machine has the functions of cup drop detection and empty cup detection. These functions help the machine avoid making ice cream without dropping cups. If the machine detects that no cups have fallen, the machine will automatically stop making ice cream to avoid waste of raw materials.



(2).[Low Materials Reminder]

When the machine lack of cups and milk syrup, the reminder will be appeared on the screen. The machine will stop selling to avoid long-term lack of materials and affect normal sales.



(3).[Fault Reminder]

When our machine have fault, the machine can complete the self-repair and provide real-time status of self-repair via the mini-program.

Code	[113]压缩机过热保护
Mode	normal
Android Time	2025-05-09 18:02:18
plc time	17:02
Time of start	08:00
Time of end	22:00

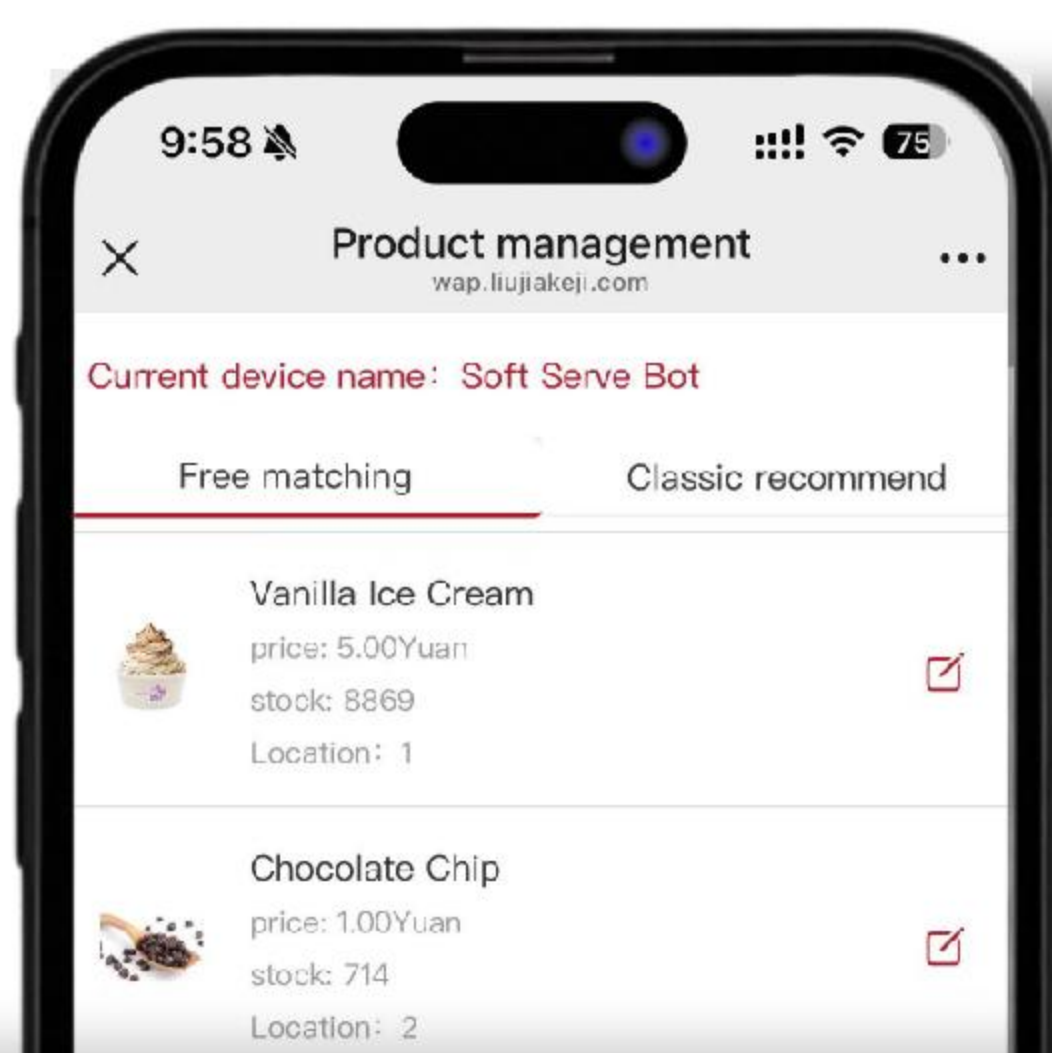
(4).[Anti-pinch Cup Picking Area]

The cup picking area is equipped with three anti-pinch designs to prevent hand injury caused by the closure of the cabin cover during the process of taking ice cream.



Advantages of The Mini Program Function

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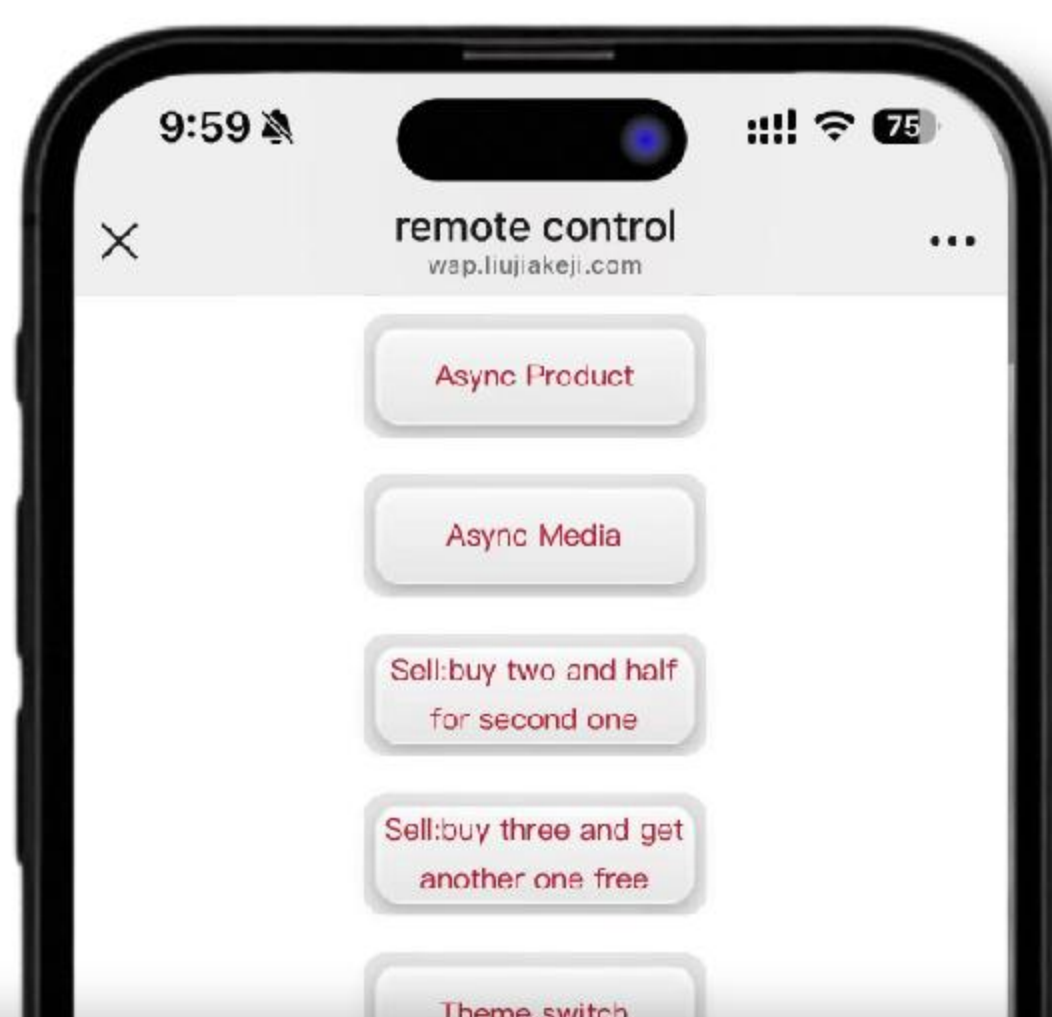
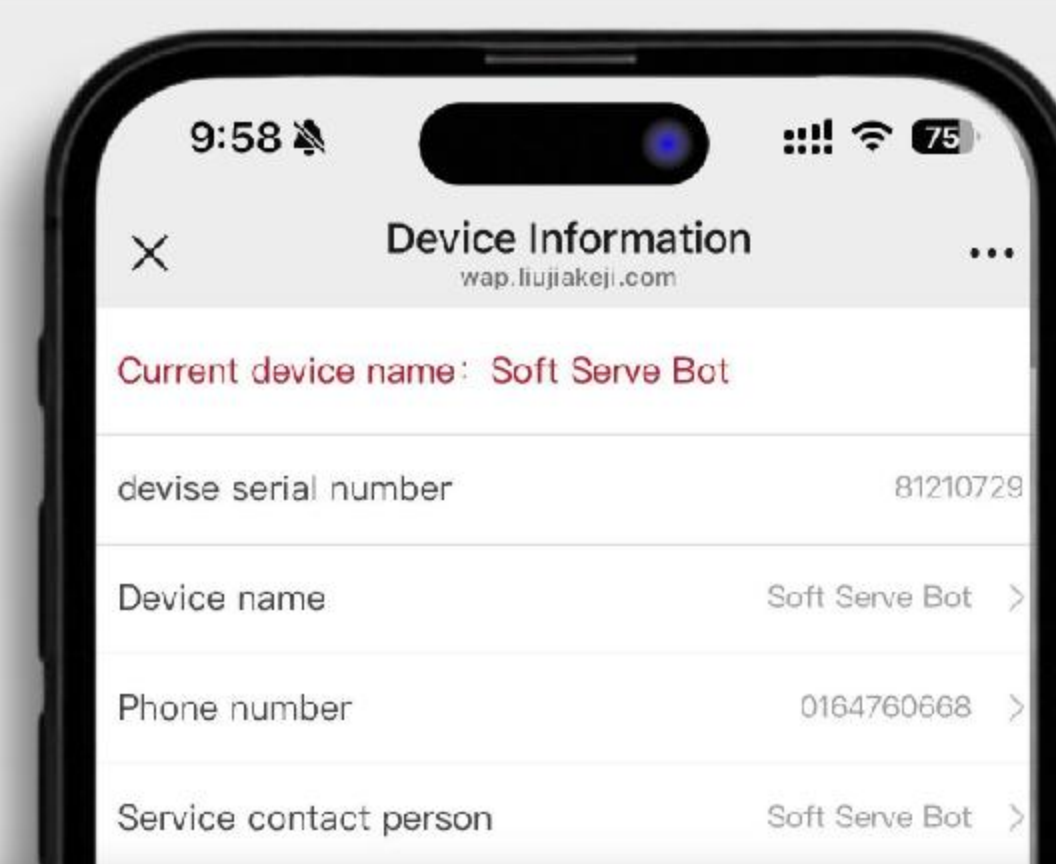


【Merchandise Management】

Operators can set the goods through the front screen or mobile mini program. The detailed information including **price, name, picture** can be edited, which is convenient for managing commodity link.

【Equipment Distribution】

Mobile App background map help operators check the **distribution area** and **operation status of machine**, which is more efficient for operator to run it.

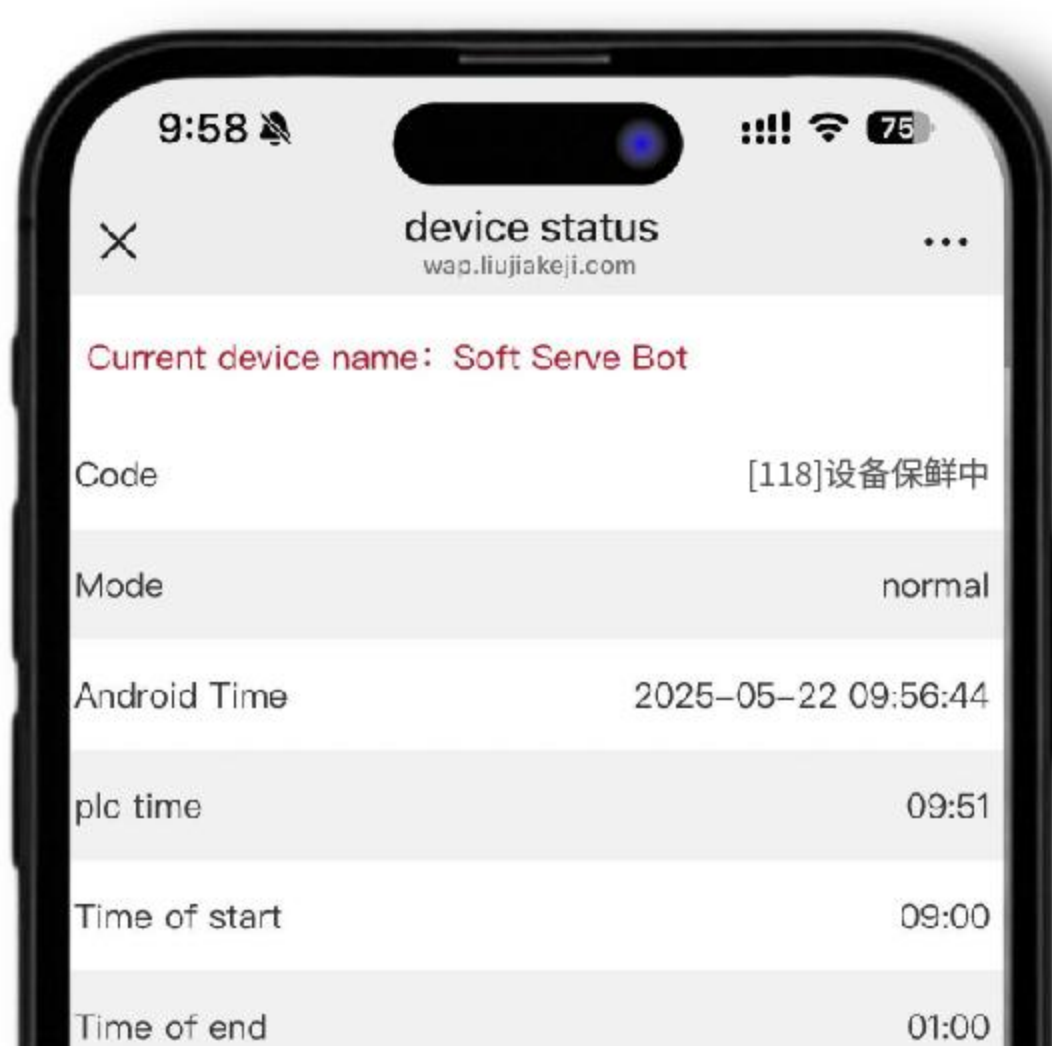
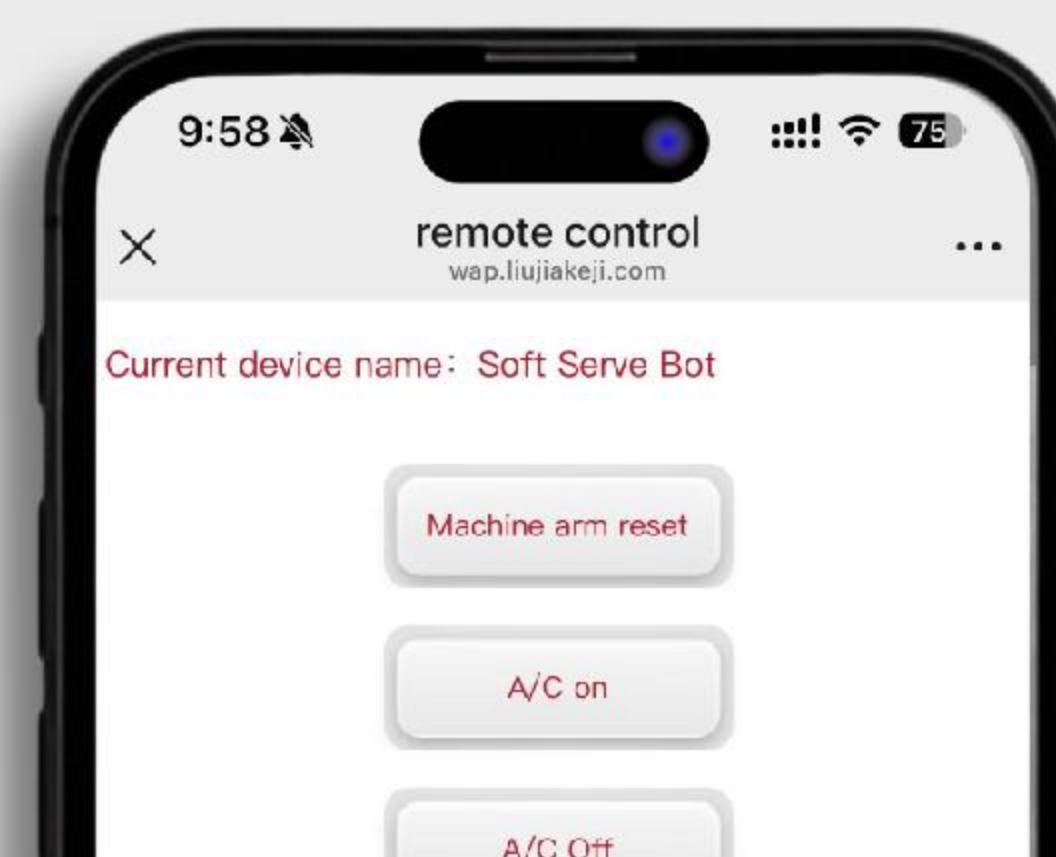


【Marketing Function】

The machine can **be set marketing promotion activities** to attract more customer, for example buy three and give one free, second cup half price and other discounts. Operator also control the activities via the mini program.

【Remote Control】

Through the mobile app, operators can **remotely start up, shut down** and **reset the machine**. Operators can easily control the machine even if you are not near it;



【Saving-energy Mode】

When the ingredient of making ice cream is fresh, the machine can be turned on the night mode to **save energy consumption**.

Component Guarantee

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Global Foremost Component Supplier

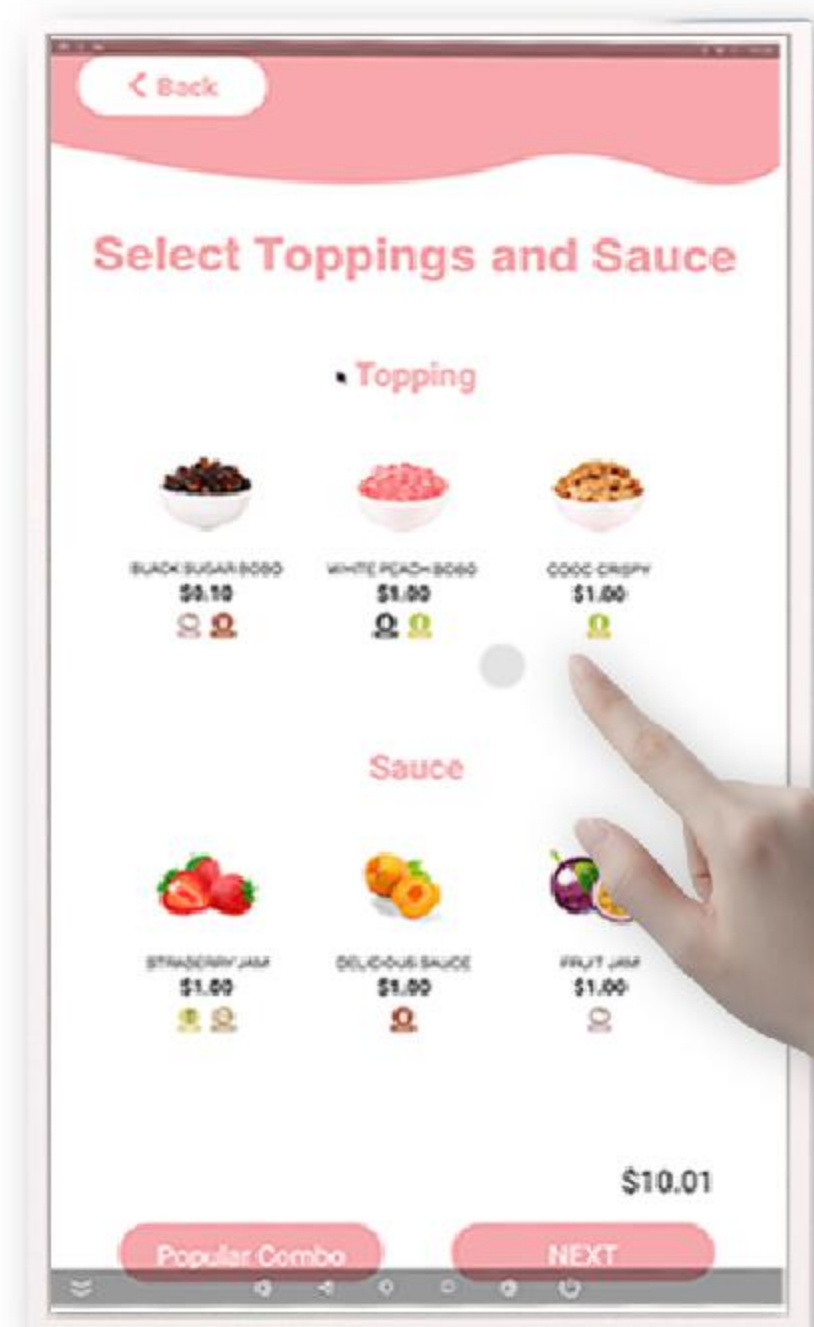
• 【Leading Brand Compressor】

Our machine use the compressor made by Brazilian **Embraco**, which is famous as the international leading compressor brand.



• 【32 Inch Ordering Screen】

The large Ordering touchscreen is made by listed company **BOE**. Meanwhile, this screen passed tens of thousand limit tests to assure the stability of screen.



• 【Highly Sensitive Sensor】

The sensor of Huaxin ice cream vending machine is produced by **Omron Brand**, a century- old multinational corporation that ensure the stability of sensor.



HUAXIN HUAXIN HUAXIN

The Payment System of Machines

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CARD READER

■ The card reader supports international mainstream credit cards including Visa, MasterCard, AMEX, JCB, and UnionPay, etc. It also can be customized to match the local payment system according to the different requirements.



CASH ACCEPTOR

■ The cash acceptor with high precision sensor can identify different denominations, return counterfeit money.



REVERSE SCANNER

■ The high performance scanner with smart recognition screen can scan QR code.

Payment Equipment Display



COIN ACCEPTOR

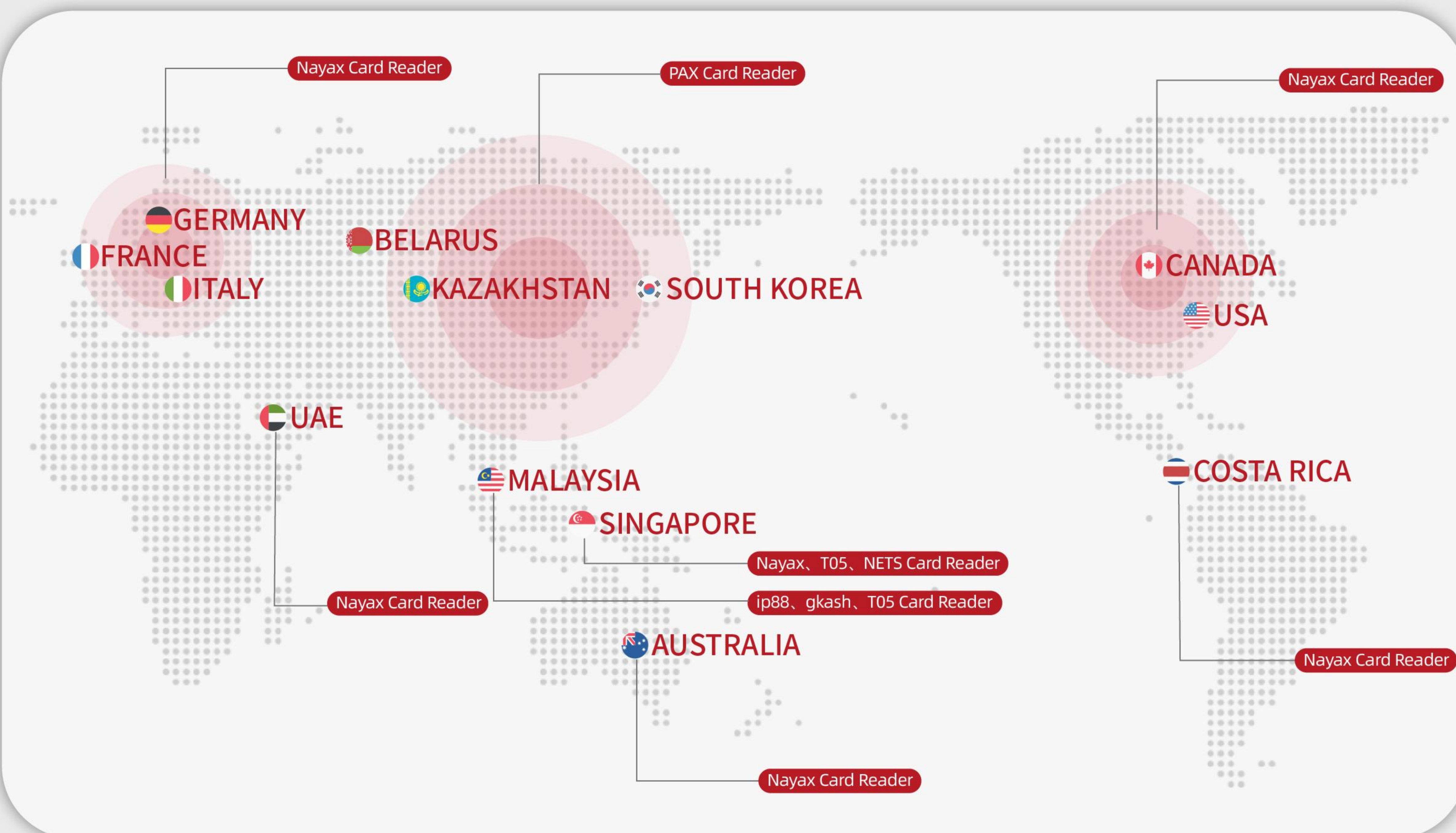
■ The large coin acceptor with return coin can identify coins of different sizes.



CHANGER

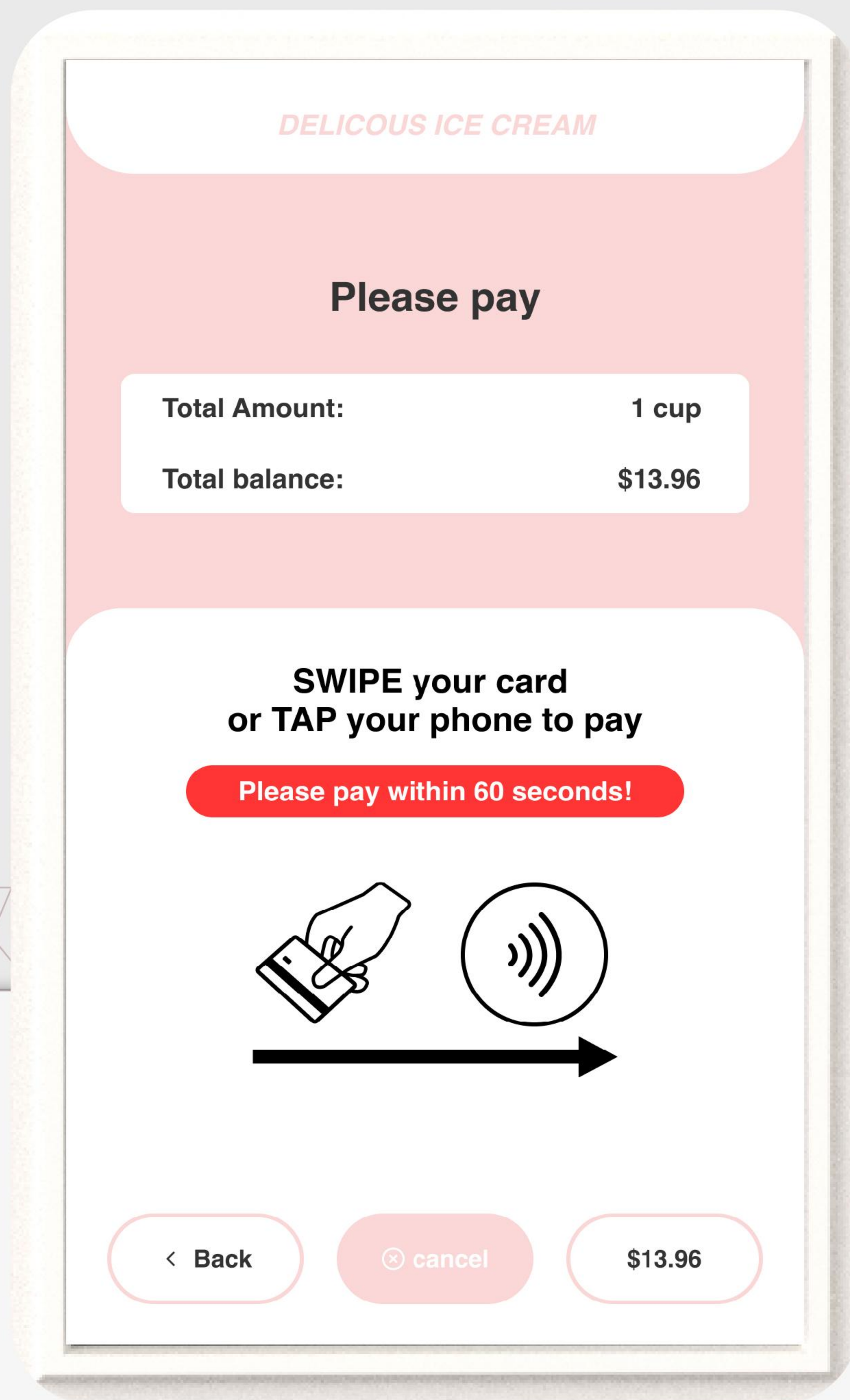
■ 30 seconds to finish giving change, remotely check the data of exchanging money

Different models of card reader to countries



Scan code to pay

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- Choose payment platform for your needs, and scan QR code via mobile phone to pay it.
- Automatically withdraw money to your account in 24 hours.

Characteristics of Industry Background

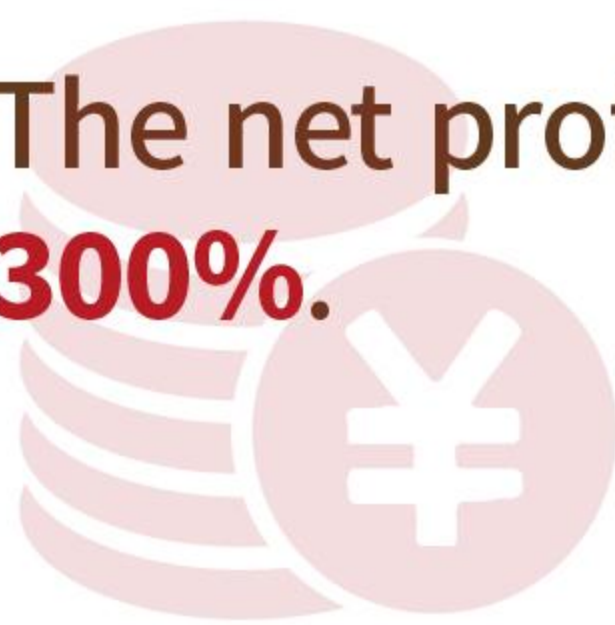
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【High profit】

- Simple ice cream costs 2 RMB, but sells 6 to 8 RMB (every customer cost 8 to 10 RMB.)

The profit is 6 RMB per cup. Selling **100 cups** daily, and the monthly net profit is over **10,000 yuan**.

- The net profit margin arrives **300%**.



Profitable

【Low-cost Running】

- It covers **0.85 to 1.1 m²**, and needs low rent, no store, just electricity.
- The unmanned machines only need **one person** to manager **20 to 30 units**, and need **lower labor costs**.

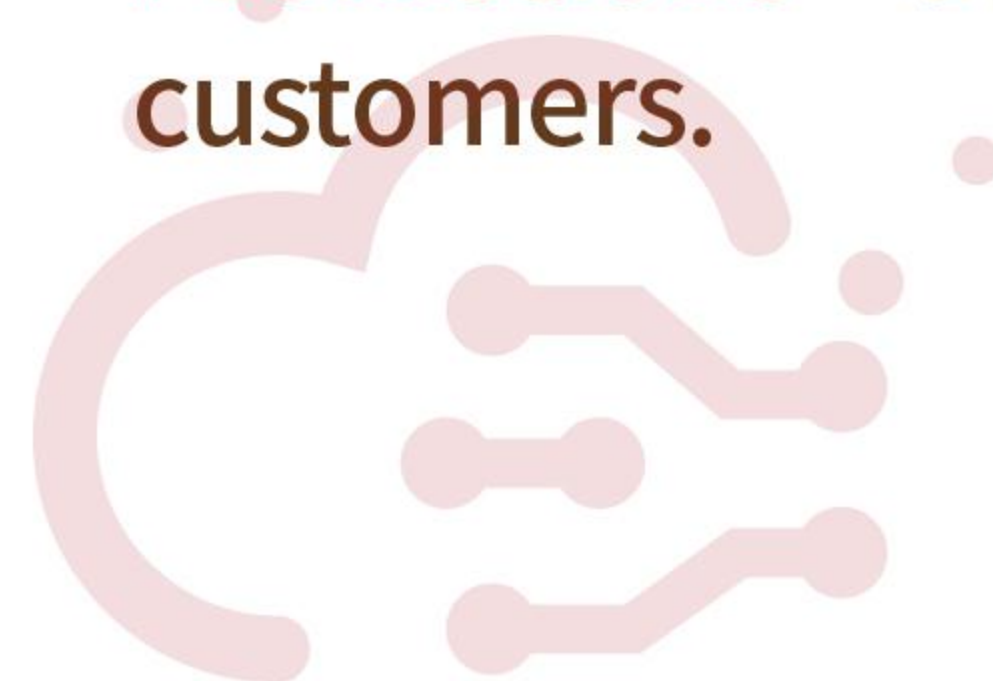


Small area
unmanned

← The core advantages of the ice cream unmanned industry

【Intelligent Function】

- It makes fresh **59 flavors** of ice cream combined 1 milk syrup with 6 toppings (3 toppings and 3 sauces).
- It support **mini program remote control** (e.g. operation status, low-material alert, earning alerts, switch, etc.)
- **Promotions** attract more customers.



Intelligent

Core Technologies of Ice Cream Vending Machine

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【5-Second Ice Extreme Refrigeration Technology】

The company has developed a stable 5-second cooling technology after many years of technical development and tens of thousands of tests. **It only takes about 5 seconds to achieve the optimal ice cream** making temperature from starting refrigeration. It is the basic guarantee that ice cream vending machine can be continuous uninterrupted production.

【Marathon Freeze Force Technology】

The marathon freeze force technology developed by Huaxin can make machine stably output the **continuous cooling source in the refrigeration system needed for making ice cream**. With this Technology, the ice cream vending machine can make **800 cups** of ice cream **stably and uninterruptedly**.

【Cooling Micro-Control Refrigeration Technology】

The company has innovatively researched the cooling micro-control refrigeration technology, which can precisely control the refrigerant input to the nanoscale during the operation of the equipment. It ensure that the equipment in different operating conditions meets the cooling requirements to achieve the important innovation of machine without **freezing cylinder**.