



# AI Smart Scales

Ronsson Technology Co.,Ltd.

 **ronsson**

01

Part 1

**Who we are**

## About RONSSON

- Ronsson is a tailor-made AI recognition weighing and checkout solution provider for the brick-and-mortar retailers, such as supermarket, groceries stores etc. Established in 2016, China-based Ronsson team is partly composed of 20+ AI recognition talents as well as 10+ retailing senior experts.
- Driven by own proprietary AI algorithm technology, Ronsson's highlighted products, AI Scales, are making significant breakthrough in the weighing and checkout mode of retailing. Featuring all categories, high accuracy, instant recognition and intelligent simplicity, AI scales can help the retailers remarkably save the operating cost and streamline the shopping experiences.



# Intellectual Property

- Ronsson have obtained **20** authorized patent certificates.
- including **3** invention patents, **6** utility model patents, and **11** design patents.



- We have also obtained 14 software copyright certificates covering key aspects such as R&D, production, and application of algorithms, software, and hardware related to retail products.
- The PCT application is also in processing for international market.

# Intellectual Property

## Design patent for intelligent checkout and self-service settlement

## Utility model patent - intelligent settlement and intelligent weighing



## Design Patent - Visual Scale



## Marketing Strategy

- Ronsson AI scales and application softwares have been covering 238 cities, 28 provinces including Hongkong in China, as well as Australia, Newzealand, Italy, USA, Canada, India, Philipines, Malaysia etc worldwide.



02

Part 2

## Pain Points at Grocery Retail

# Pain Points at Grocery Retail



**HIGH**

## Labor Cost

- Costly training of qualified cashiers and scale operators for memorizing and instantly recalling PLU codes



**HIGH**

## Material Cost

- Overuse of label stickers, plastic bags, printing consumables, sealing tapes...



**MORE**

## Heavily Indirect Loss

- Human errors of inputting barcode; self-service fraud; weighing occupies shelf space



**POOR**

## Shopping Experience

- 2-time queuing at weighing and checkout; checkout failure in unweighed items

03

Part 3

What We Can Help to Do

What we help to do

**All categories easily to be  
auto-recognized and weighed**



Vegetables



Fruits



Meat



Aquatic Products



Grains

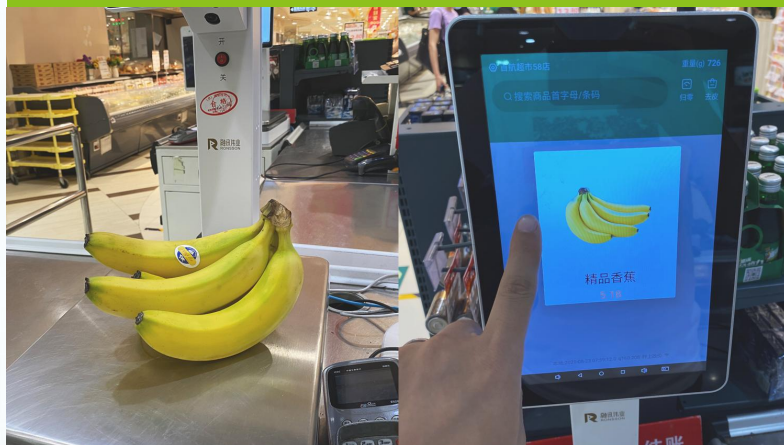


Snacks

## What we help to do

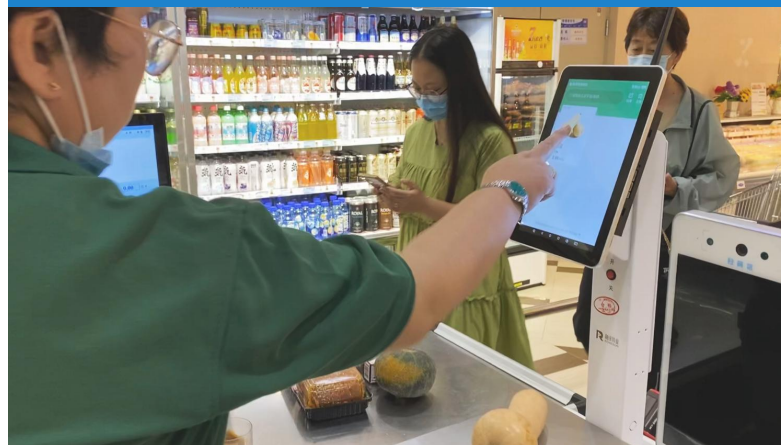
### High Accuracy

99.6% Recognition Accuracy

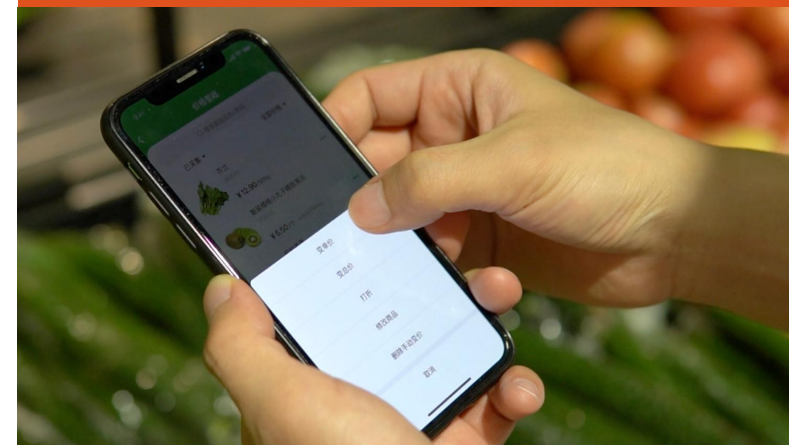


### Instant Recognition

<0.1 Second Each Recognition



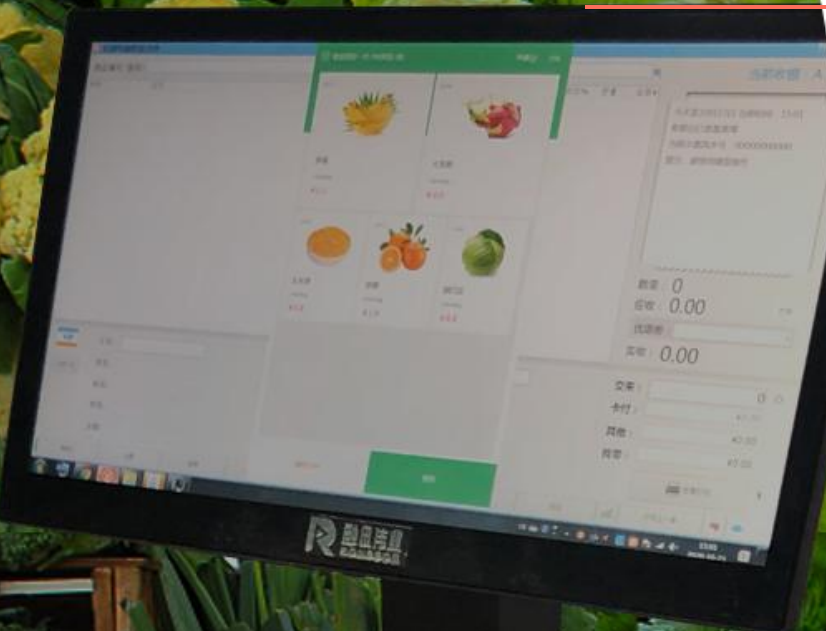
### Intelligent Simplicity



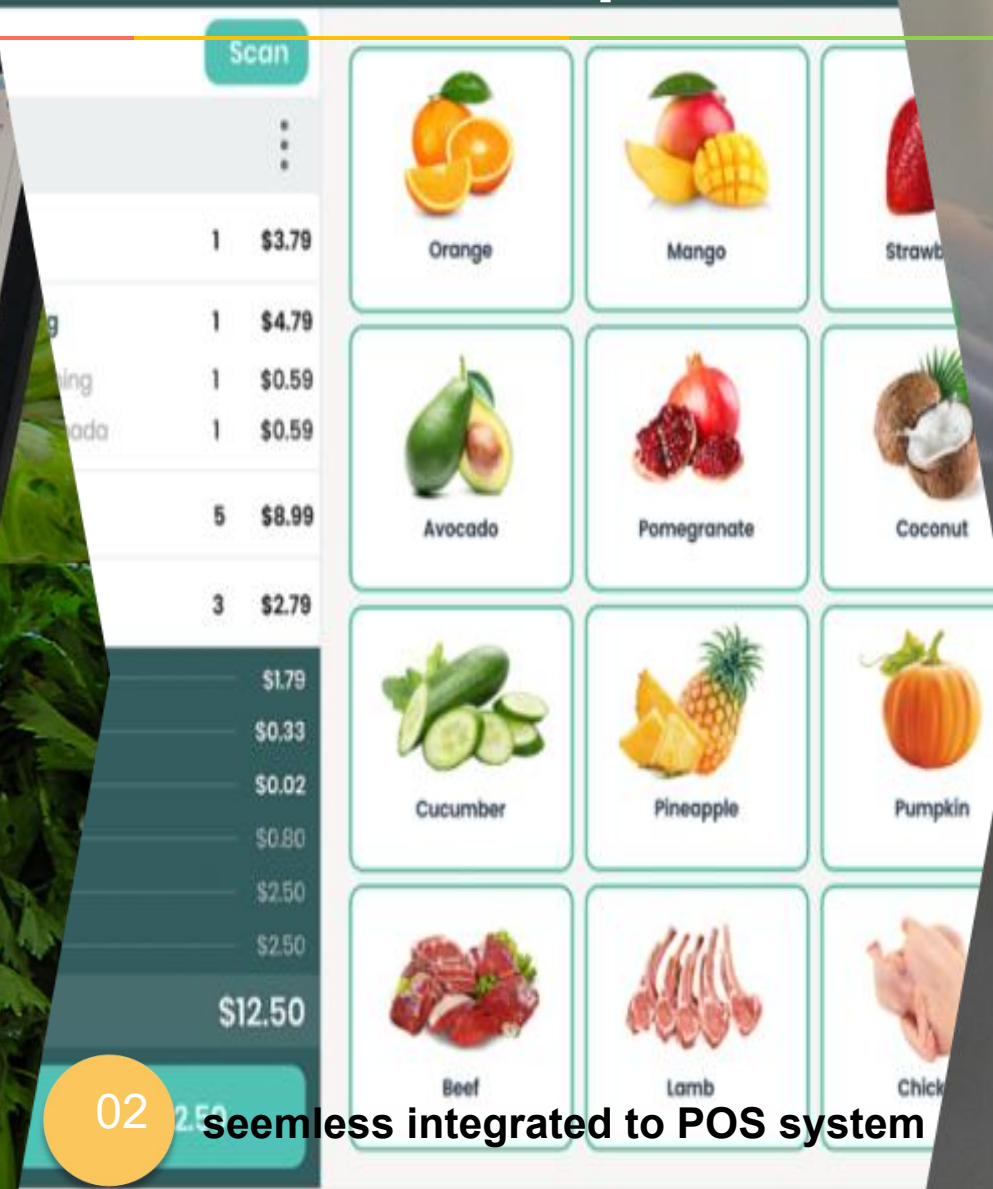
# What we help to do

# Fast and Simple

Ronsson



01 AI visual recognition



02 seamless integrated to POS system



03 Customer checkout

## What we help to do

### Cloud based to keep learning and enhancing

- The ability to combine cloud computing with real-time learning
- Combining massive amounts of real images, driving algorithms to continuously improve accuracy and enhance performance
- Enhance customer experience and form a perfect closed loop of artificial intelligence algorithms and data.



# Comparasion



Scale operators

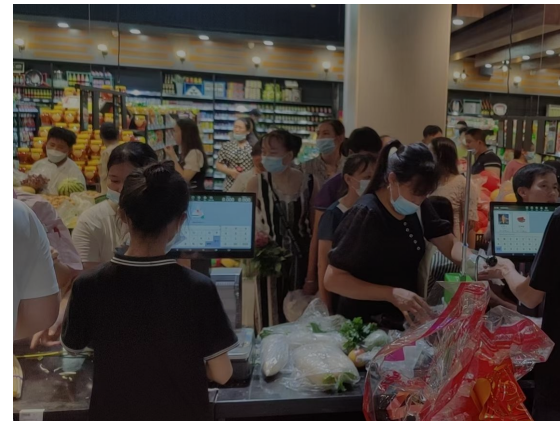
Fewer Staff



Weighing material waste

Cost Saving

VS



Scale operators

Improved operating efficiency



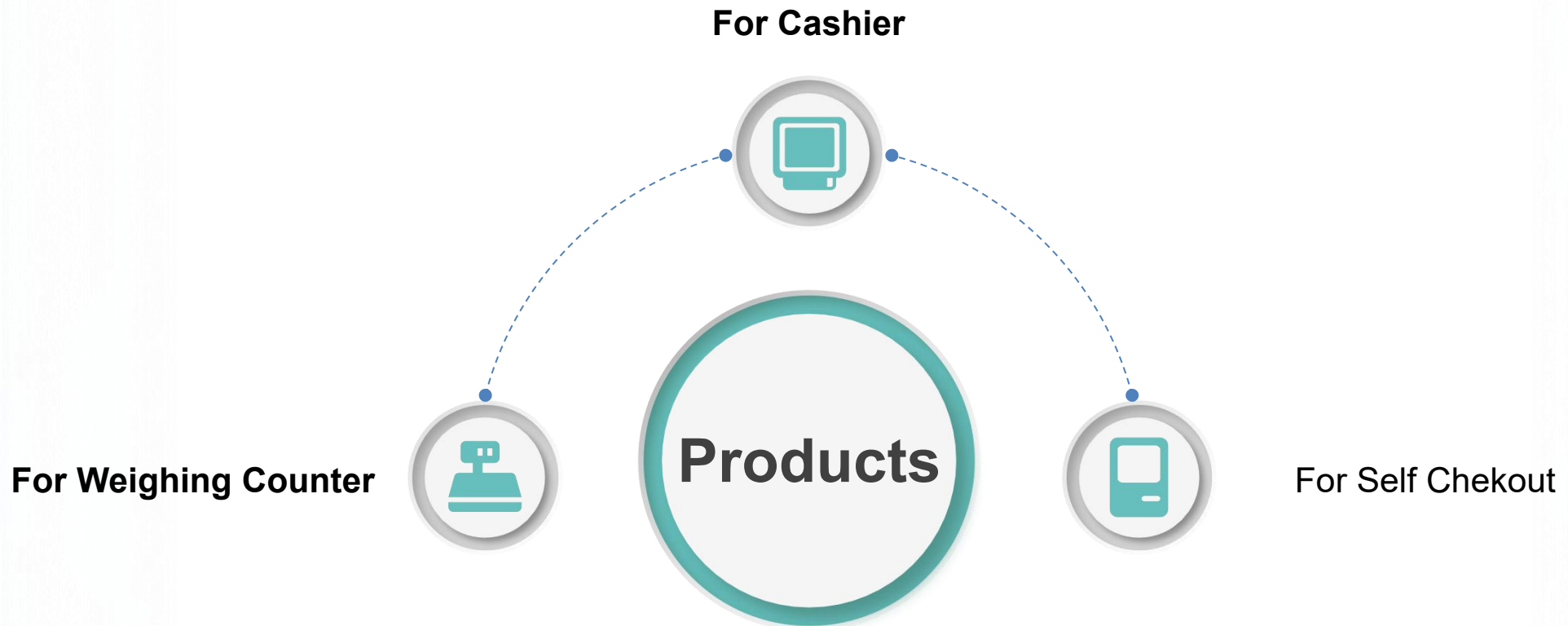
Repeated queuing at weighing counter and checkout

One-time queuing at checkout



04

Part 4  
**Our Products**



# Our Products

## For Weighing Counter

### ——RX725 AI Label Scale



Operating System  
Android 11



Processing Unit  
Rockchip RK3566



Network connections  
Support Ethernet and wifi



HD touch screen  
15.6"capacitive  
touchscreen display  
1366\*768 pixel



Camera  
Smart HD camera  
hidden installed



Weighing range  
6kg/15kg



Paper width  
60mm



Print speed  
150mm/s

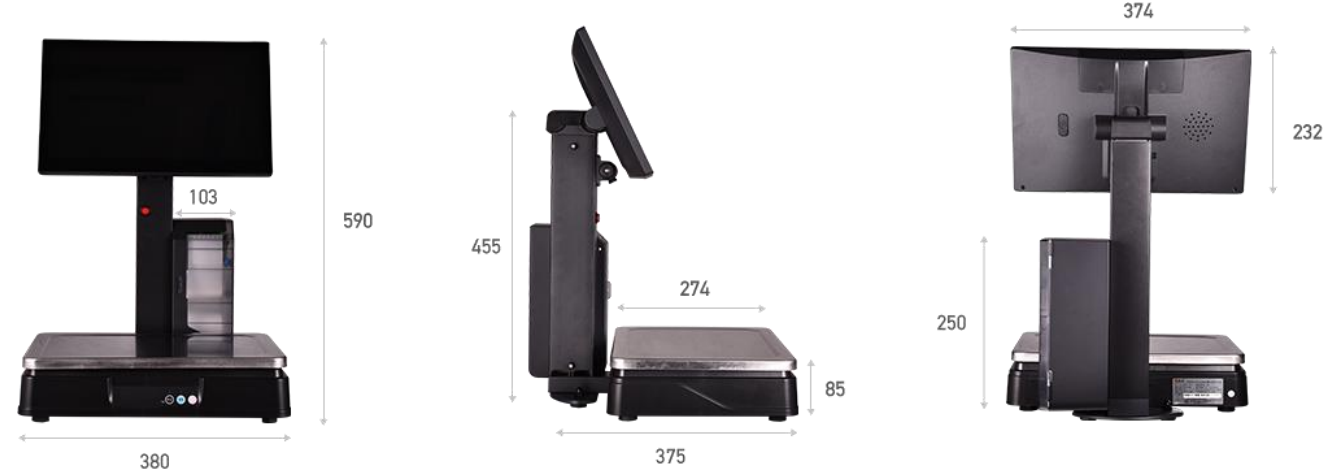


Print media  
Thermal label paper

# Our Products

## For Weighing Counter

### —VIS825AI Label Scale



unit: mm

- |                                                                                                                                                |                                                                                                                                                       |                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Operating System</b><br>Android 7.1                     |  <b>Processing Unit</b><br>RK3288 (4Cores)<br>Processing Unit1.6Hz |  <b>Network connections</b><br>Support Ethernet and wifi |
|  <b>HD touch screen</b><br>15.6-inch display<br>1920*1080 |  <b>Camera</b><br>Smart HD camera                                |  <b>Weighing range</b><br>6kg/15kg                     |
|  <b>Paper width</b><br>60mm                               |  <b>Print speed</b><br>120mm/s                                   |  <b>Print media</b><br>Thermal label paper             |

# Our Products

For Cashier to Connect  
Current Cash Register

——RX666 AI Weighing Scale



Connecting to cash  
register



Operating System

Android 11.1



Processing Unit

Rockchip RK3566



Network connections

Support Ethernet and wifi



HD touch screen

10.1"capacitive  
touchscreen display  
1280\*800 pixel



Camera

Smart HD camera  
hidden installed



Weighing range

6kg/15kg

# Our Products

For Cashier to Connect  
Current Cash Register

——VIS810 AI Weighing Scale



Connecting to cash  
register



unit: mm



Operating System  
Android 7.1



Processing Unit  
RK3288 (4Cores)  
Processing Unit1.6Hz



Network connections  
Support Ethernet and wifi



HD touch screen  
10.1-inch display  
1280\*800 pixel



Camera  
Smart HD camera



Weighing range  
6kg/15kg

# Our Products

For Cashier-all in one

——VIS910 AI POS Scale



Operating System  
Android 7.1 / Windows 7



Processing Unit  
Rk3288/J1900



Network connections  
Support Ethernet and wifi



HD touch screen  
15.6"capacitive touchscreen  
display for operator  
1920\*1080



Camera  
Smart HD camera  
hidden installed



Weighing range  
6kg/15kg



Paper width  
58mm



Print speed  
120mm/s



Print media  
Thermal receipt paper

# Our Products

For Cashier-all in one

——RX910W-KB AI Counter Scale



Operating System  
Windows 10



Processing Unit  
Intel J6412



Network connections  
Support Ethernet and wifi



HD touch screen  
15.6"capacitive touchscreen  
display for operator  
1366\*768



Camera  
Smart HD camera  
hidden installed



Weighing range  
6kg/15kg



Paper width  
58mm



Print speed  
90mm/s



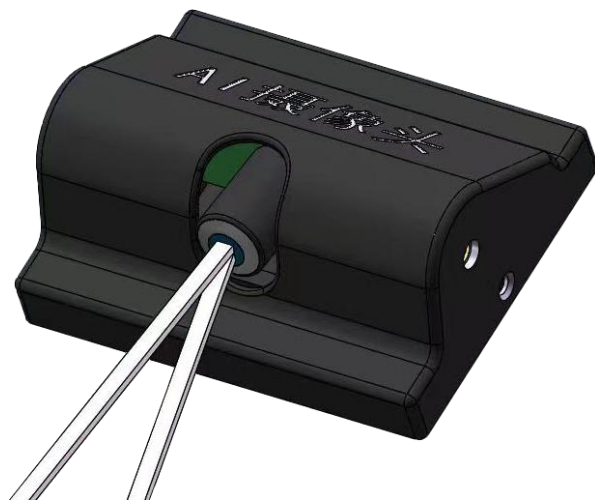
Print media  
Thermal receipt paper

Keyboard is optional

## Our Products

For Cashier & Self checkout

— VIS 610 AI Camera



- Insert the USB camera into the existing cash register, plug and play
- Intelligent high-definition camera, dynamically capturing the appearance of products
- Built-in AI algorithm and program
- Seamless integration with various POS systems

**05**

Part 5  
**Our Software**



## Our Software-APP, SDK



On-scale temporary price-changing ..... 1

Product thumbnail setting ..... 2

User-defined barcode format ..... 3

Self-service loss prevention ..... 4

List and delist switch ..... 5

Checkout by weight/quantity ..... 6

Sales statistics report ..... 7

8 ..... Smart weighing-to-voice

9 ..... Training by name search

10 ..... Cross terminal synch in LAN

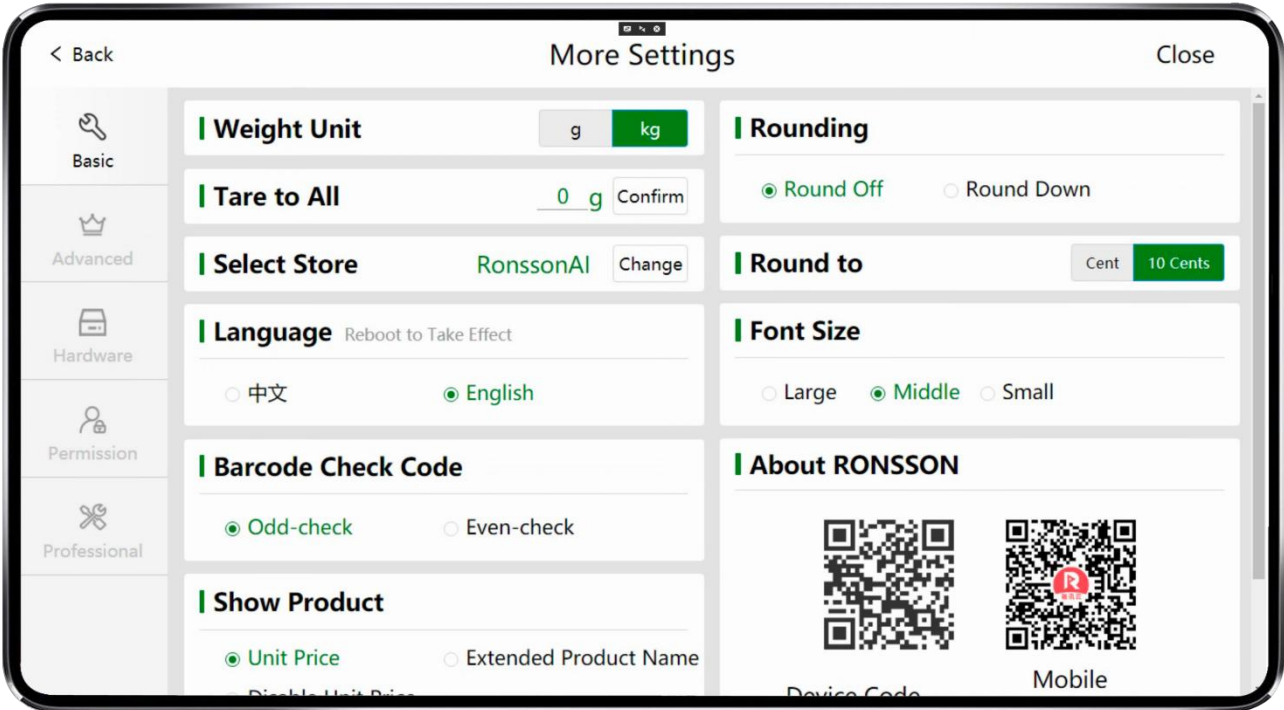
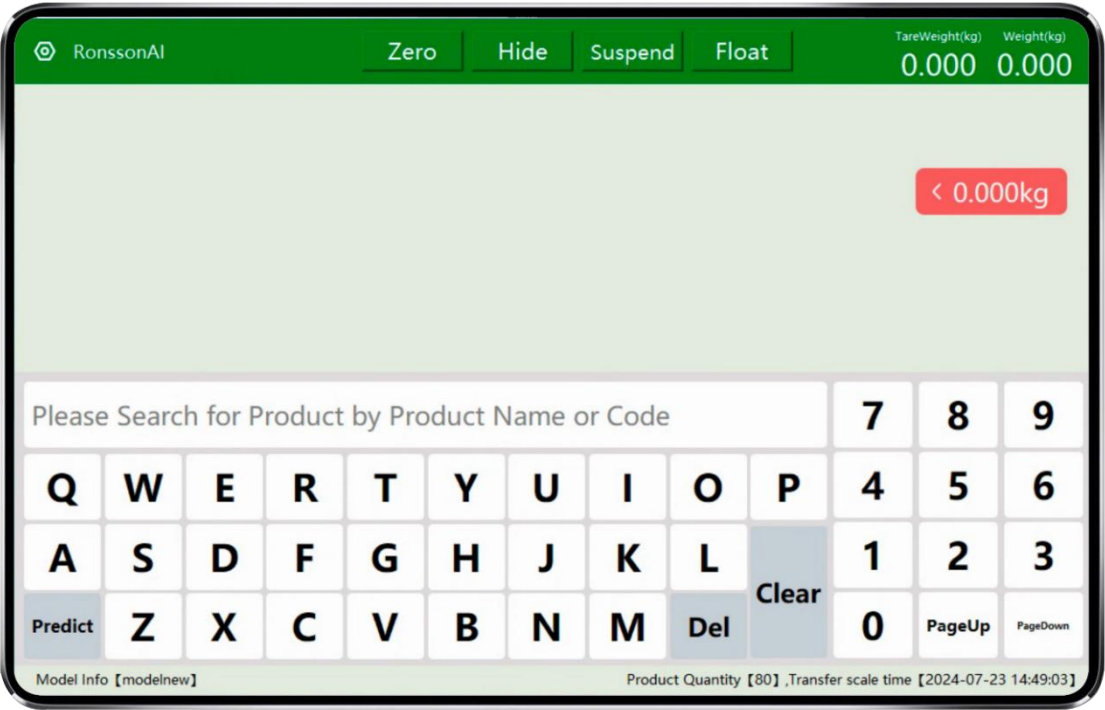
11 ..... Multi modes of application scenarios

12 ..... With human-friendly interface, the software is easy to operate

13 ..... Customers' current POS system can be upgraded to Ai Checkout scale without any change by adopt our software

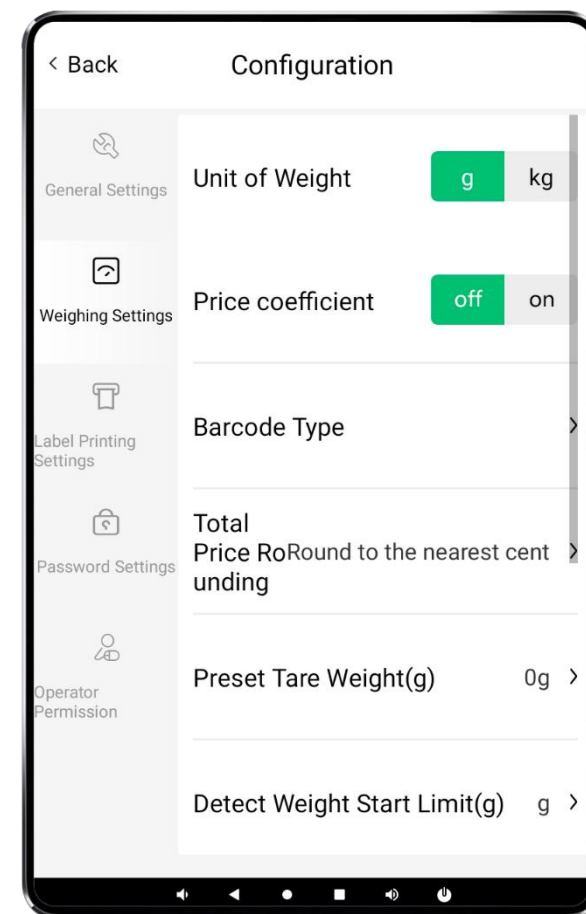
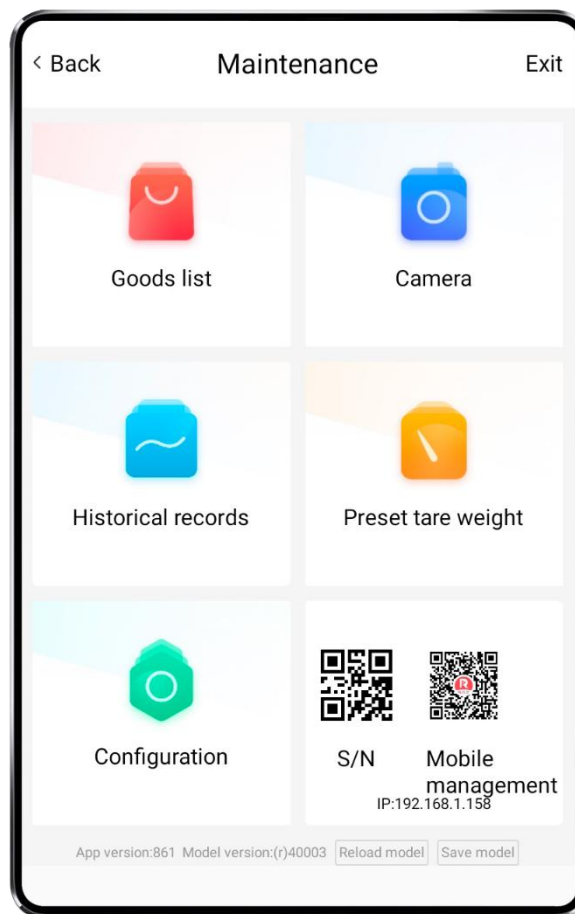
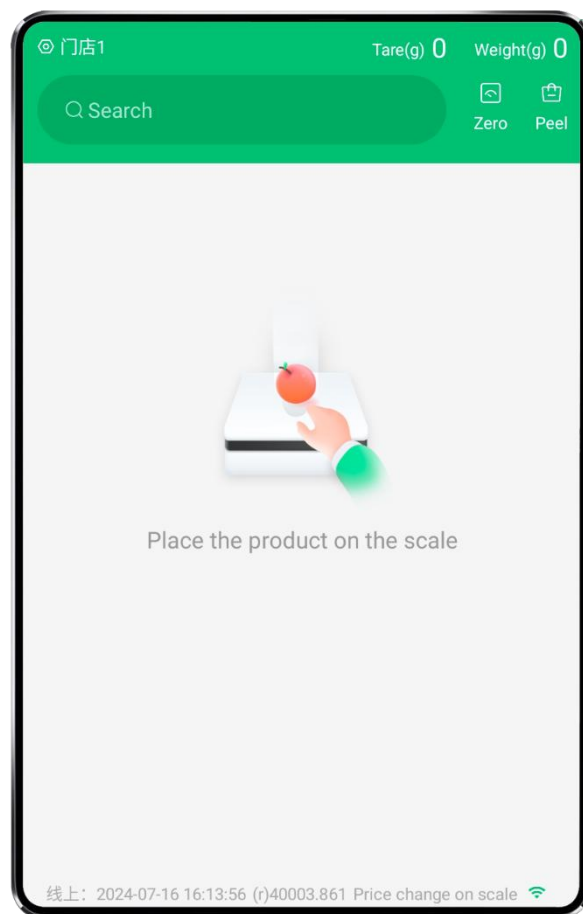
14 ..... Available for Windows, Andriod, Linux OS etc.

# Our Software-APP



Screen Display

# Our Software-APP



## Screen Display

**06**

Part 6

**Success Case**

## Success Case



Wumart group was founded in August 1994 and headquartered in Beijing. Now it has almost 1800 stores in China including Metro's, who was Acquired by Wumart in 2020.



## Success Case

**60000+**

Installed

**1000+**

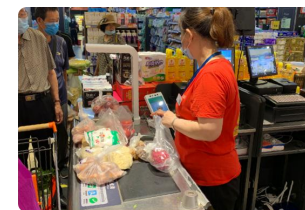
Clients

**3W+**

Stores

**99.96%+**

Accuracy Rate





# Enabling Your Retail Smarter

[www.ronsson-ai.com](http://www.ronsson-ai.com)

Thank you!

 **ronsson**