

AI Refrigerator Brochure

Smart Vending, Smarter Business

W8



01 Product Parameters



W8



Specifications Parameters	Parameter Content			
Product Model	W8-566-CT-EU	W8-566-CT-NA	W8-566-NT-EU	W8-566-NT-NA
Network Standard	4G, Optional eSIM			
Inner Liner Color	White or Black			
Inner Dimensions (mm)	580*651*1520			
Outer Dimensions (mm)	760*735*1990			
Packaging Dimensions (mm)	820*795*2140			
Content Volume	566L	20 cu ft	566L	20 cu ft
Net Weight (kg)	110			
Gross Weight (kg)	123			
Power Consumption	2.8kwh/24h			
Power Supply Voltage	230V/50Hz	120V/60Hz	230V/50Hz	120V/60Hz
Storage Type	Refrigeration		Ambient	
Temperature Range	0~10℃		Ambient	
Auto Defrost Evaporation	Yes		N/A	
Cabinet Structure	Modular			
Door Glass Type	Double-glazed tempered glass			
Door Opening Method	Single door			
Number of Shelves	6			
Base Configuration	4 Fuma casters + 2 leveling feet			
UPS	Yes			
Top and Bottom Locking System	Yes			
Image Recognition	Dynamic recognition			
Door Opening Alarm	Yes			
Speaker	Yes			
Door Lock Control	Yes			

02 Smart Refrigerator Technology Architecture



Identification Technology

Dynamic visual identification, the recognition rate reaches more than 99.9%



Hardware Architecture

IoT-based intelligent hardware system with rich sensor sensing device status in real time, all hardware loads can be run or can be controlled immediately



Mobile App Management

Support remote monitoring and management of refrigerators through mobile apps, improve operational efficiency, and make it convenient and efficient



Payment Management

The refrigerator is equipped with a POS machine, providing secure and reliable card payments. Offer customers a seamless checkout experience, day or night. Flexibly supports customer-specified payment systems and can be customized for private domain payment integration.



Software System

The terminal and server software built for the intelligent sales system, code modularity, low function coupling, safe and reliable



Operation Platform

The intelligent operation platform based on big data, support the needs of high data concurrency and high communication security of intelligent containers



01.

Top and Bottom Locking System

The top and bottom of the freezer have locking tongues to fix the door frame. Forcefully pulling the door frame will only cause slight deformation, **with a gap of about 5mm**, which can effectively prevent theft using rod-shaped objects.

02.

Precision Recognition, Zero Disputes

The system has a recognition accuracy of up to **99.9%**, effectively eliminating the problem of "incorrect deduction" or "missed recognition" of goods, ensuring that every consumption is clear and accurate.

AI recognition accuracy rate is as high as **99.9%**



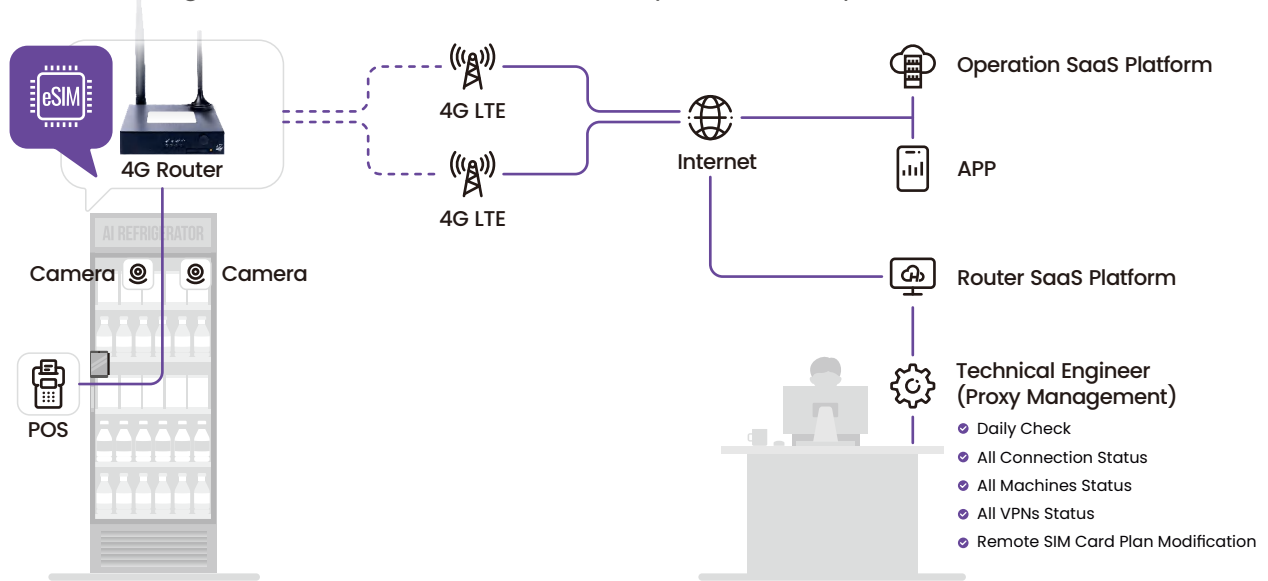
03.

Strong Network Communication Guarantee

Long-Term Reliability: Equipped with an industrial-grade 4G router, the system utilizes advanced link monitoring and recovery mechanisms to ensure a stable online connection, even in environments with weak or complex signals.

Plug and Play: The router can be pre-configured during production, making it ready for use simply by powering on.

Always Online, eSIM Inside: With support for both physical SIM cards and eSIM, the device allows for seamless switching between telco carriers without any service disruption.



04.

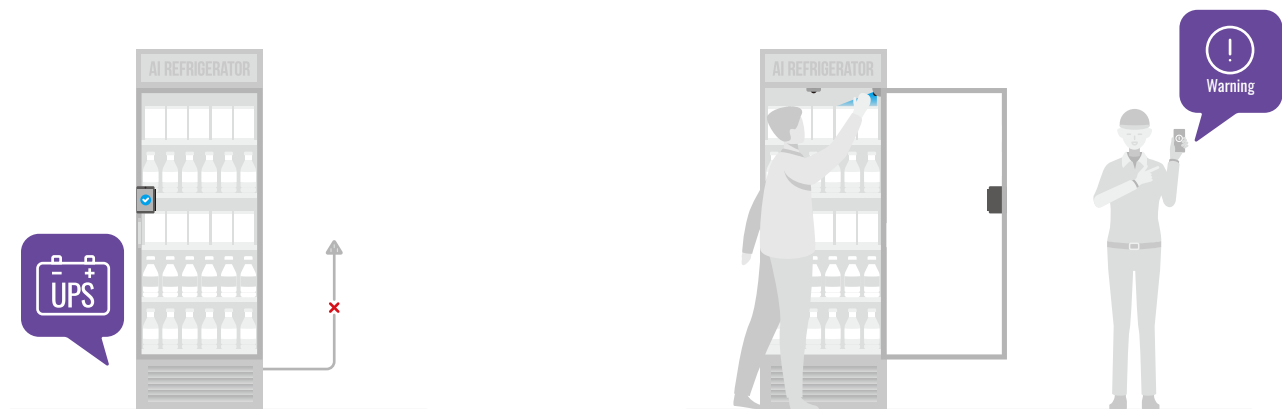
Risk-Proof Your Vending Business

Power Failure Assurance:

Built-in UPS provides up to 15 minutes of backup power during unexpected power failure, ensuring smooth order settlement and door lock closure.

Instant Misbehavior Notification:

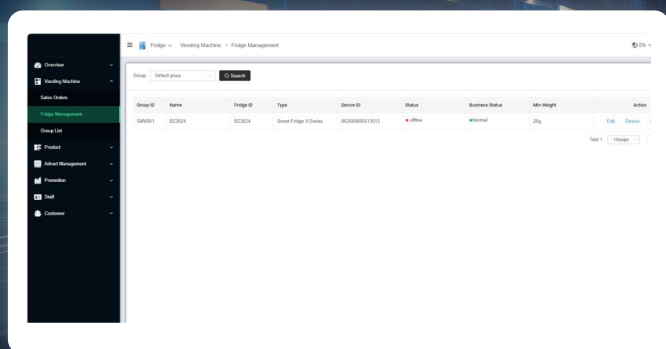
When there is uncivilized behavior such as blocking the camera, the system will push it to the operators for attention through the APP.



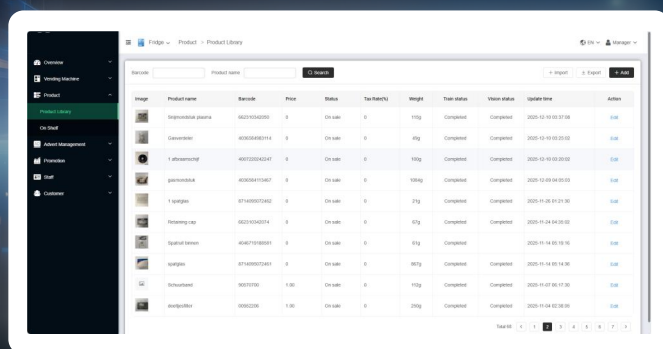
04 Software Section Introduction

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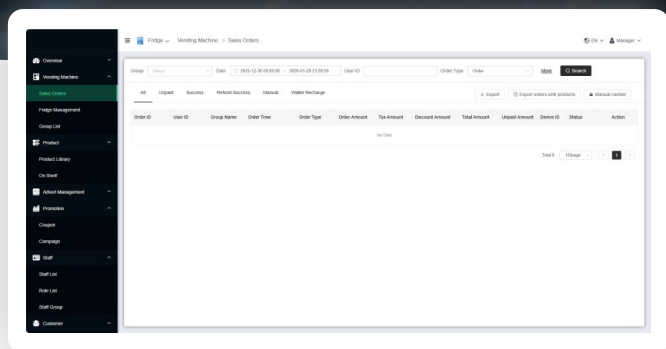
01. Operation SaaS Platform



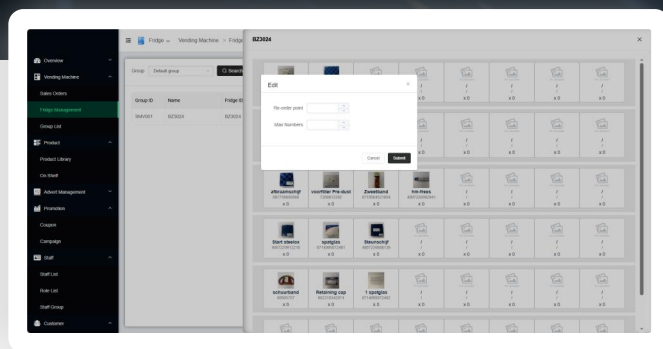
Equipment Management



Product Management

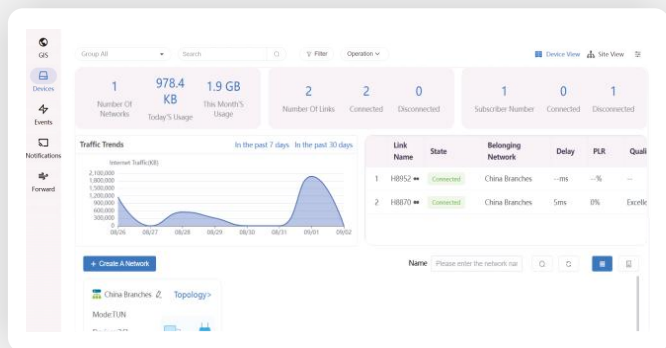


Order Management

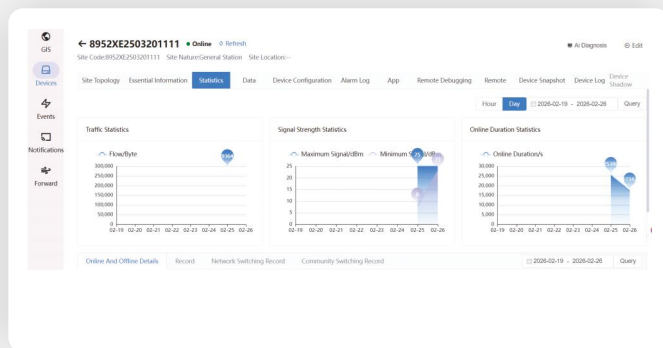


Replenishment

02. Router SaaS Platform



Network Status Monitoring



Traffic Monitoring

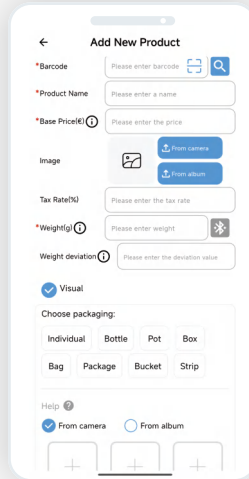
03.

Merchant Side APP

Product Learning →

Add new product

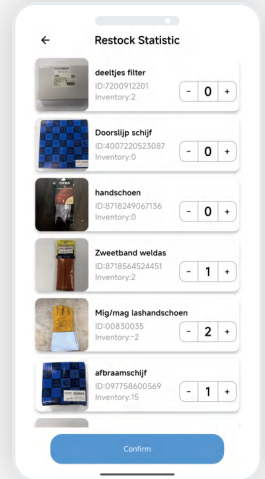
Before restocking, the system uses AI algorithms to learn about the products, uploads product photos, barcodes, and other information, and sets product names, prices, etc.



Replenishment →

Restock statistic

Set up a replenishment list in advance for later verification of remaining inventory.



Equipment Management ↓

- **Refresh**

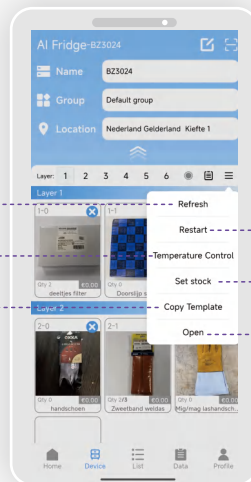
Refresh device status

- **Temperature control**

Remotely control the device temperature

- **Copy template**

One-click copy device template



- **Restart**

Restart the device

- **Set stock**

Set equipment inventory when replenishing stock

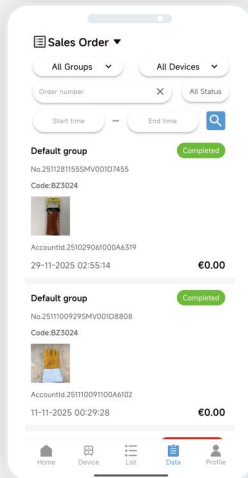
- **Open**

Remote door opening

Order Management ↓

Sales order

You can view completed and pending orders, and receive notifications if any abnormalities are found.



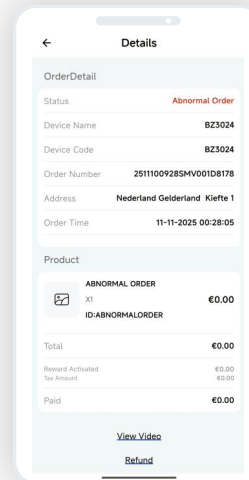
Abnormal Order ↓

Device anomaly

Remote monitoring of lock status, power status, communication status, and uncivilized behavior. If any anomalies are detected, an alarm will be triggered on the APP in a timely manner.

Shopping anomalies

Abnormal shopping behavior during the shopping process can also generate abnormal orders and trigger alerts, notifying merchants to handle them promptly.



05 How it Works

• Step 01

Swipe / Tap



• Step 02

Grab and Go



• Step 03

Auto Checkout In 60s



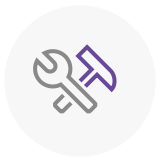


1. Fast and Reliable Support

Responsive service team: Quick response within 24 hours to ensure minimal downtime.

Multiple support channels: Customers can reach us via email, phone, or WhatsApp.

Efficient issue resolution: Most technical issues can be solved remotely by our experienced engineers.



2. Professional Technical Assistance

Professional engineering team: Our technical and R&D teams have extensive experience in AI refrigerators.

Remote diagnostics: Remote troubleshooting helps identify problems quickly and reduce maintenance costs.



3. Flexible Service Solutions

Customized service plans: Different service options are available according to customer needs.

Extended warranty options: Optional extended warranty programs for long-term operation security.



4. Transparent Service Process

Clear service tracking: Customers can check the service progress and receive timely updates anytime via WhatsApp.



5. Training and Value-Added Services

User training: Operation guidance and training materials are provided to help customers use the equipment efficiently.

Continuous product support: Software updates and technical improvements ensure long-term product reliability.

Smart Vending, Smarter Business

Web www.weevending-tech.com