



SHENZHEN ZHILAI SCI AND TECH CO., LTD.



Smart Food Delivery Locker (Single Side)

A smart device which is based on IoT and multiple smart technologies to identify, temporarily store, heat, monitor, and manage food, and re-solve the issues in food pickup efficiency, food storage and circulation for takeaway delivery.

Business Challenges



Inefficient delivery

1. Food cannot be delivered upstairs
2. Elevator jam at rush hours
3. Courier has to wait for customers to pick up the takeaway



Poor dining experience

1. Clients have to wait downstairs for a long time
2. Client cannot pick food when they are in meeting
3. It is difficult to find the target takeaway among others



High management cost

1. Staff access control
2. Takeaways in disorder
3. Messy public environment

Solution

Based on smart food delivery locker and management platform, Zhilai facilitates off-peak non-contacting handover of takeaways to improve food delivery efficiency. The solution not only relieves the issues that waiting time for takeaway handover is too long and takeaways cannot be handed over in time during food delivery rush hours, but also effectively resolves the problems that office building access control is difficult, takeaways are picked up by mistake, lost, in disorder, and food sanitation is poor, etc.

Product Features

- 7*24 self-service
- Anti-corrosion, anti-rust, durable
- Simultaneous food pickup/drop-off by multiple persons
- Multiple ways to open compartments
- Efficient disinfection and sterilization
- Smart data analysis
- Premium metal sheet
- Multiple compartment specification options
- 5S quick food pickup/drop-off
- Food heating and insulation
- Alarm of faulty status
- Remote locker upgrade

Product Specification

Starter dimension (L*D *H):	980*430*2010mm
Adder dimension (L*D *H):	980*430*2010mm
Starter:	9 compartments
Adder:	10 compartments
Compartment dimension (L*D*H):	350*410*330mm
Material:	1.0mm galvanized steel sheet
Rated voltage:	110V, 230V
Rated power:	Starter 100W, Adder: 80W
Other configurations:	10.1" touch screen, 3288 controller, etc.

Application Scenarios



Office building



Residential community



Factory

Cooperation Cases



Meal Pickup Cabinet - Ele.me



Meal Pickup Cabinet - Meituan

Product Customization;Quality Assurance

Customized appearance and functions

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