



SHENZHEN ZHILAI SCI AND TECH CO., LTD.



Smart Parcel Locker

A smart multi-functional device with item identification, parcel storage, automatic monitoring and smart management for self-service pickup and delivery of parcels.



Business Challenges



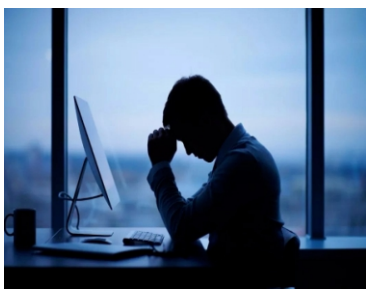
Inefficient delivery

1. Complex end delivery environment
2. Access control process



Unsafe delivery

1. Parcels are lost easily when escrowed by the third party
2. It is difficult to find the parcel when parcels are stored collectively



Poor service experience

1. Remote express delivery station
2. Parcel handover time cannot be guaranteed

Solution

Zhilai centers on smart parcel lockers to resolve the issues of inefficient delivery and high delivery cost of "Last mile" delivery. Based on the synergy of IoT and cloud platform, the 7*24 self-service storage/pickup terminals at communities and other areas with high population density enable users to conduct real-time query of parcels and pick up parcels by scanning pickup code. The build-in smart scheduling system of the locker optimizes resource allocation. Based on modularized extension design and biological recognition technology, the operating cost is reduced dramatically while parcel safety is guaranteed to realize contact-free delivery and customer sanctification improvement.

Product Features

- 7*24 self-service storage/pickup service
- Easy quick drop-off/pickup
- Multiple locker model options
- Anti-corrosion, rust-proof, durable
- Lock test: over 100,000 cycles
- Multiple protections and smart monitoring
- Multiple identity recognition methods
- High-quality metal sheet
- Reasonable compartment layout
- Locker lifetime: over 10 years
- Patented lock: anti-theft, pry-proof
- Digital operation, maintenance, and remote management

Product Specification

Starter dimension (L*D *H):	898*500*2092mm
Locker material:	Galvanized steel sheet (indoor) or cold rolled steel sheet (outdoor)
Locker thickness:	1.0mm (locker frame), 1.5mm (locker door)
Adder dimension (L*D *H):	898*500*2092mm
Compartment dimension (L*D*H):	S compartment: 365*476*95mm
	M compartment: 365*476*206mm
	L compartment: 365*476* 316mm
Other configurations:	Touch screen, scanner, camera, keypad, temperature sensor, fan, etc.

Application Scenarios



Office building



Residential community



Factory

Cooperation Cases



Courier Locker-Fuiou



Courier Locker-HIVEBOX



Courier Locker - Treasury
Payment Center of Futian District
Committee

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