



## Smart Bluetooth Parcel Locker

A smart parcel locker based on Bluetooth communication technology. The locker is seamlessly connected to the user's phone or courier's device by Bluetooth technology to realize quick safe parcel storage/pickup. Off-line operation is supported. The locker is applicable for areas with unstable network or areas without network.



### Business Challenges



#### Harsh use threshold

1. Circuit retrofit
2. Good phone signal required



#### Poor data privacy

1. Pickup code may be divulged easily
2. User data may be stolen easily



#### High maintenance cost

1. Electricity fee generated in locker operation
2. Screen is damaged easily

## “ Solution ”

Zhilai has launched the smart Bluetooth parcel locker to resolve the issues of dependency to code scanning and network of conventional device and restructure the end delivery experience by Bluetooth technology. Contact-free near-field door unlocking is realized by Bluetooth. The system automatically triggers identity verification and matches with the information of parcels to be picked up. The user does not need to scan manually or connect to network. The locker is especially applicable for underground parking lot, area with no network, and other complex application scenarios. The solution is based on “Non-inductive interaction-Accurate delivery-Simplified operation and maintenance”, which better protects the user’s privacy, ensures more convenient operation, and provides technical support for logistics enterprises to extend low-cost service in the area with low network coverage.

### Product Features

No external power supply required	Lower installation cost
No installation site limit	Dynamic encryption
Bluetooth communication	Simultaneous parcel drop-off/pickup by multiple users
Ultra-low power consumption: Lifetime over 10 years	Locker can run normally for 500 hours under extreme environment
IP54 test	Patented lock: anti-theft, pry-proof
Multiple protections and smart monitoring	Digital operation and maintenance, and remote management

### Product Specification

<b>Starter dimension (L*D *H):</b>	898*500*1975mm
<b>Locker material:</b>	Cold rolled steel
<b>Locker thickness:</b>	1.0mm (locker frame), 1.5mm (locker door)
<b>Adder dimension (L*D *H):</b>	898*500*1975mm
<b>Compartment dimension (L*D*H):</b>	S compartment: 430*500*115mm M compartment: 430*500*233mm L compartment: 430*500* 351mm
<b>Other configuration:</b>	Standby power

### Application Scenarios



Office building

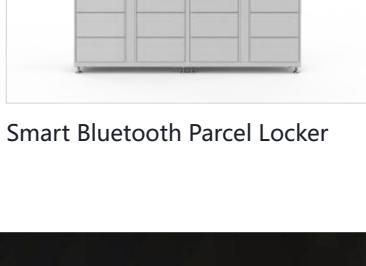


Residential community



Factory

### Cooperation Cases



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### Product Customization, Quality Assurance

Customized appearance and functions

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