



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

Product Specification

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

Application Scenarios



Office building



Residential community



Factory

Cooperation Cases



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