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DEANTAS IoT Solution Introduction

BLE, PASSWORD, APP, Remote.



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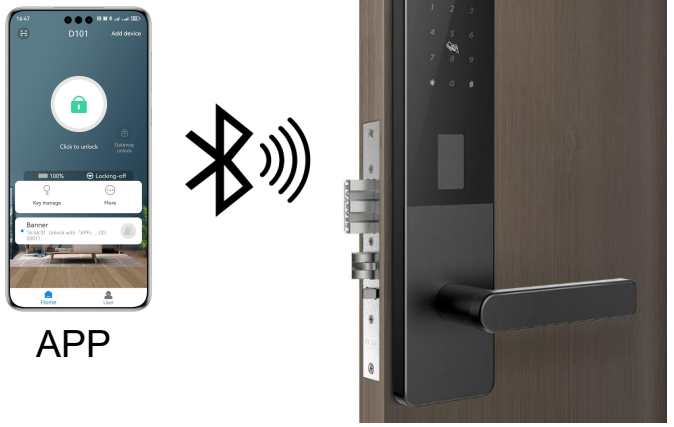
Brief Introduction

DEANTAS IoT solutions offer property manager a method to remotely monitor and manage all rooms in apartment, hotel, etc. Compare to traditional standalone/offline solutions it has the following advantages:

- Remote authorization: check-in/out, change room, extend stay...etc, all can be done remotely and no need for client to visit reception again.
- Multi-platform operation: By APP, WEB, or interfaced PMS. Data is synchronised and operations can be done simultaneously through all ends.
- Real-time monitor: unlocking record and power usage record are automatically transmitted and accessible all the time.
- Interface to achieve more: Can be integrated to be part of a large GRMS system to achieve functions like fingerprint, face ID, voice unlock and so on.
- Labour saving: With appropriate GRMS system and AI deployment, a no reception or even waiter-less hotel can be made.

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IoT Solution Deployment: Bluetooth & APP.



APP

The simplest IoT solution. No need for gateway or cable.

Key Facts:

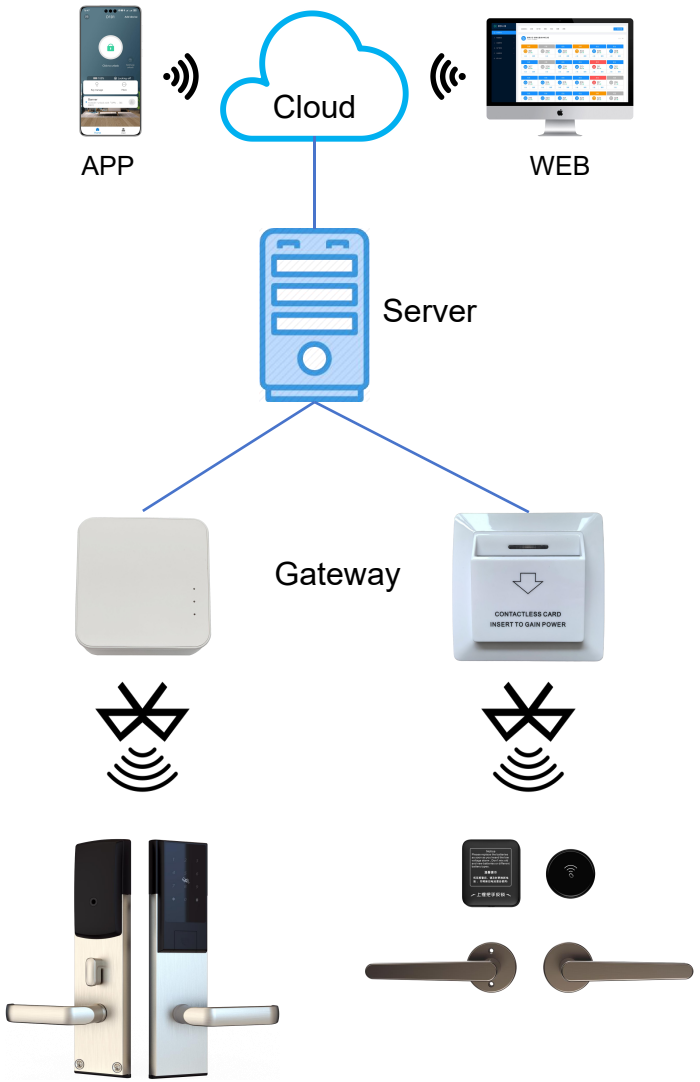
- **Remote check-in/out by tenant's MOB or EML**;
- Can set-up card or password by BLE;
- Tenant APP to unlock and management.

Advantages:

- Very easy to set-up, just install the locks then set by APP;
- APP is so easy to use. Anyone good at playing phone can master it without user manual;
- Suggested for small apartment or airbnb, and individual home use.

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IoT Solution Deployment: BLE Gateway.



IoT solution with remote functions and online features.

Key Facts:

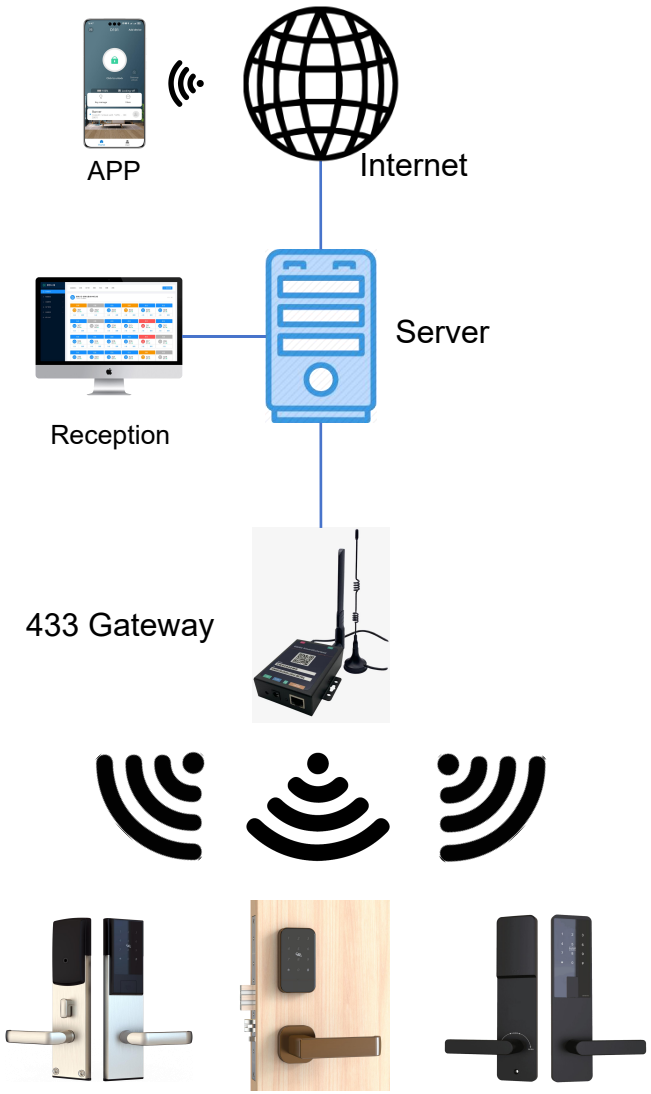
- Gateway connects to lock by BLE, and connects to server by cable;
- Gateway need to be installed within 5 meters range to lock, usually attached to wall;
- One gateway control up to 32 units of lock withine the communication range.
- DA-ISW1 is a power switch and gateway two-in-one device, and it enables power management. But it can only connect to one lock.
- Can operate by APP or WEB.

Advantages:

- Enable all remote functions such as password change, give tenants the choice not to use APP.
- Suggested for all kinds of residential or commerical properties.

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IoT Solution Deployment: 433MHz Protocal.



Advanced IoT solution.

Key Facts:

- Gateway connects to server by cable, connects to locks by 433MHz protocal, one can control up to 64 units of lock in around 20 meters range. And is usually attached to ceiling;
- Easier to bring other devices like Access Controller into the IoT system;
- Can operate by APP or PC DESKTOP.

Advantages:

- Very stable connection by special radio frequency;
- Suggested for high-level hotels;
- Fully localized deployment, no cloud involved.

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IoT Solution APP: wisApartment

Property Manager APP

Google Play

WisApartment

Smart - Lock

WisApartment is an IoT PMS system

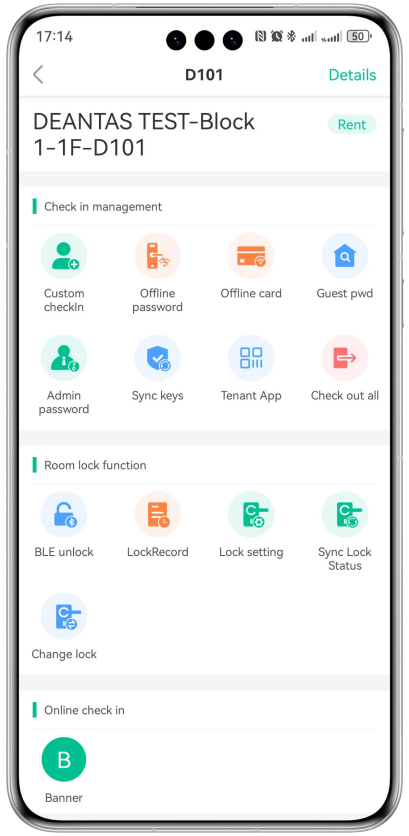
1K+ Downloads

3+ Rated for 3+

Install

App Store

WisApartment 4+
SmartLock
Guangzhou Huixiangjia IOT Technology Co., Ltd.
5.0 • 1 Rating
Free



WEB: https://gongyu.hxjiot.com/en

Tenant / Client APP

Google Play

WisHome

Smart - Lock

WisHome is a smart lock application that you crafted.

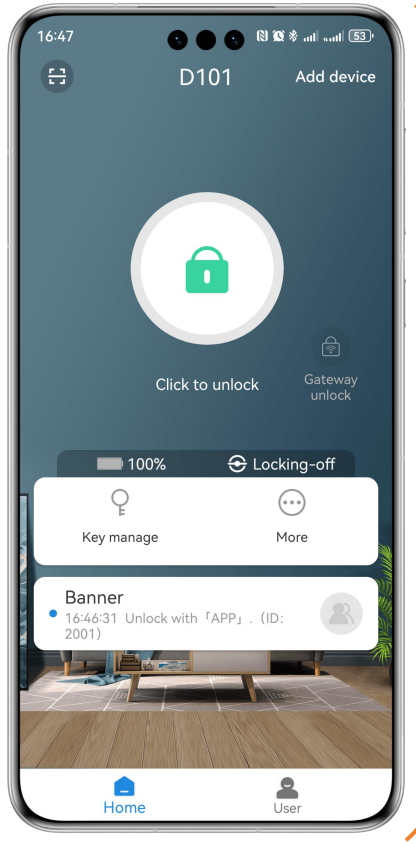
10K+ Downloads

3+ Rated for 3+

Install

App Store

WisHome 4+
Smart Lock
Guangzhou Huixiangjia IOT Technology Co., Ltd.
4.0 • 6 Ratings
Free



WisApartment is free access to everyone. All functions are very straightforward and very easy to use. Suggested for small apartment or airbnb. Individual home owners can just use WisHome to set-up and play.

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IoT Solution APP: Keymate

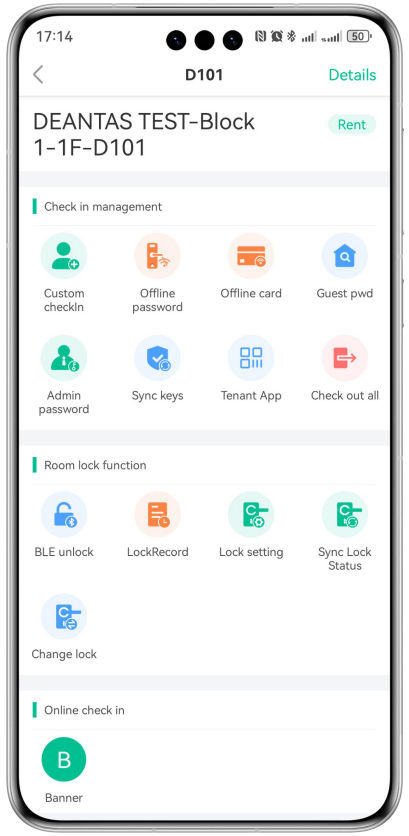
Property Manager APP

For Android:

Scan by Browser.

App Store

KeyMate 4+
SmartLock
洲 陈
Designed for iPhone
Free



WEB: http://building.datahotel.cn/en

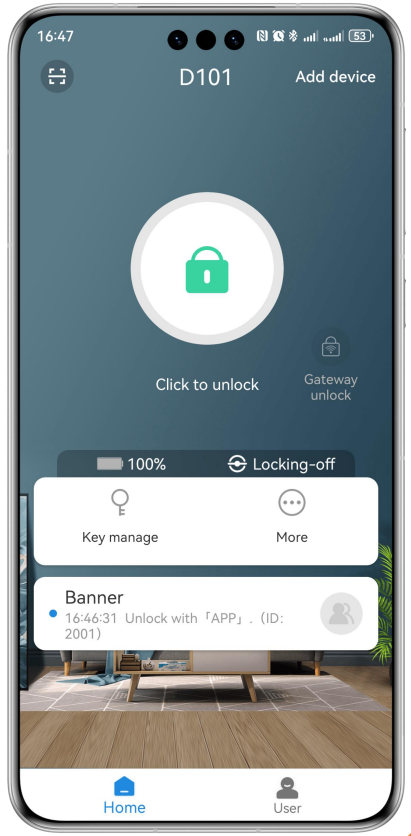
Tenant / Client APP

Google Play

WisHome
Smart - Lock
WisHome is a smart lock application that you crafted.
10K+ Downloads
3+ Rated for 3+
Install

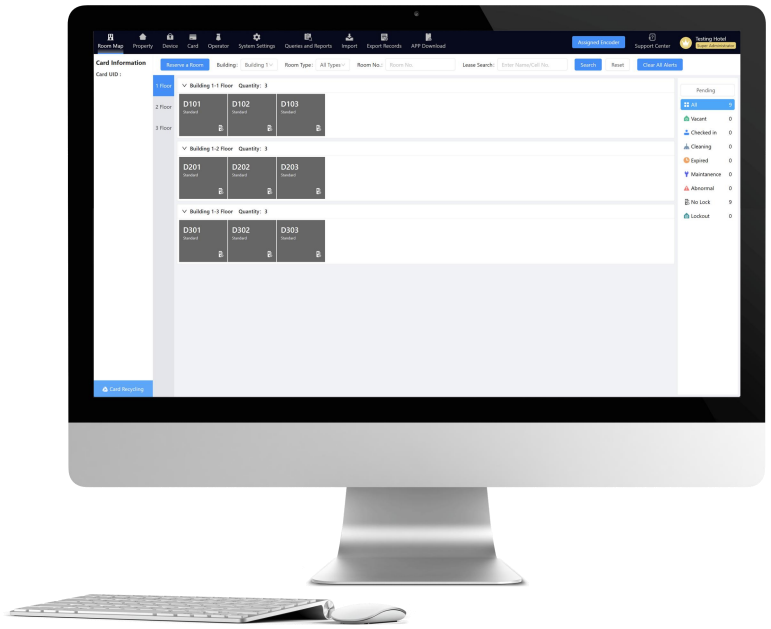
App Store

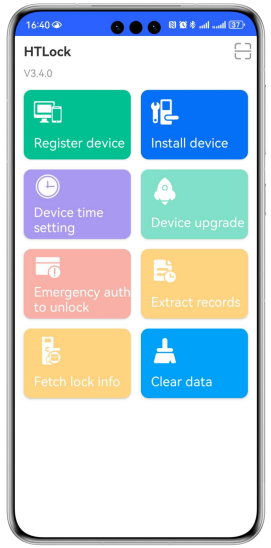
WisHome 4+
Smart Lock
Guangzhou Huixiangjia IOT Technology Co., Ltd.
Free



Keymate is almost identical to WisApartment. The difference is the account is generated and managed by supplier. Suggested for hotels or other commercial properties.

IoT Solution Software: HTLock





- Professional IoT solution;
- **Set-up and running purely in local network with local server, not cloud dependent;**
- Require professional engineer to do installation and set-up;
- Once set can operate very smoothly and steadily;
- Open API to interface with other IoT devices and 3rd party PMS;
- Suggested for high-level hotels or other high-end commercial properties;

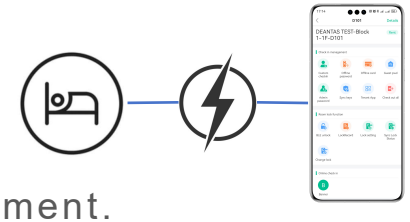
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Summary

Hardware

Just BLE and APP. Very convenient for small properties or home use.

BLE Gateway enables more remote functions like power management.
Good for middle class properties.





More integratable IoT devices.

Pefect for high-level hotels.

Professional system.

433MHz connection.

Stable Operation.

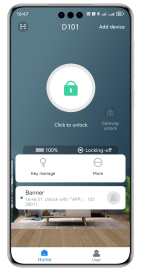


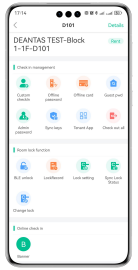
Software

WisApartment & Wishome.

Basic key functions.

Easy to use.





Keymate. Account control and management by distributor.
Better for commercial use.

HTLock. Professional LMS.

Local server and network.

High-end properties use.

