
Apartment Smart Lock Management Solution

Providing a professional all-in-one solution for apartment security management



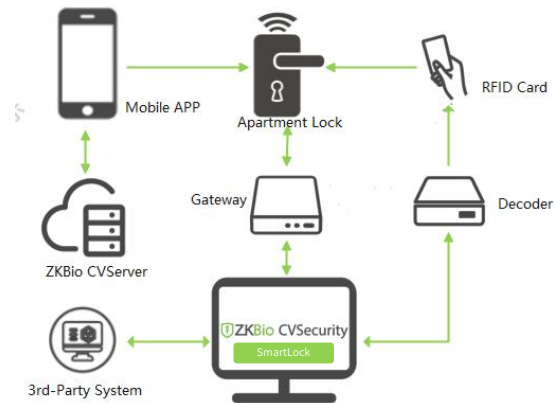
Brief Introduction



Apartment Lock Solutions

ZKTeco Apartment solution is designed for specific scenarios, such as long term rental apartments, campus dormitories and corporate dormitories. The locks support password, card swipe, and H5 link to unlock the door remotely.

We have developed a new module based on our all-in-one platform management software, ZKbioCV Security, specifically for apartment lock management. The solution improves the overall tenant experience, increases the efficiency of apartment operations, and reduces hidden costs. At the same time, users can verify the access control and ladder control through the QR code in the H5 link. More convenient and safe.



Features



Wireless Transmission Technique



Contactless Mobile Door Opening



Greeting Message or E-mail for Access



Mobile Navigation to Apartment



Temporary password access



Visitor Arrival and Check-Out Notification



Economic Installation & Maintenance



Real-time Room Status Monitoring



Remote Door Unlocking in Emergency



QR code access to Elevator/ ACS,Locks.



One-Card Solution



Report management



Open API for 3rd-Party Integration



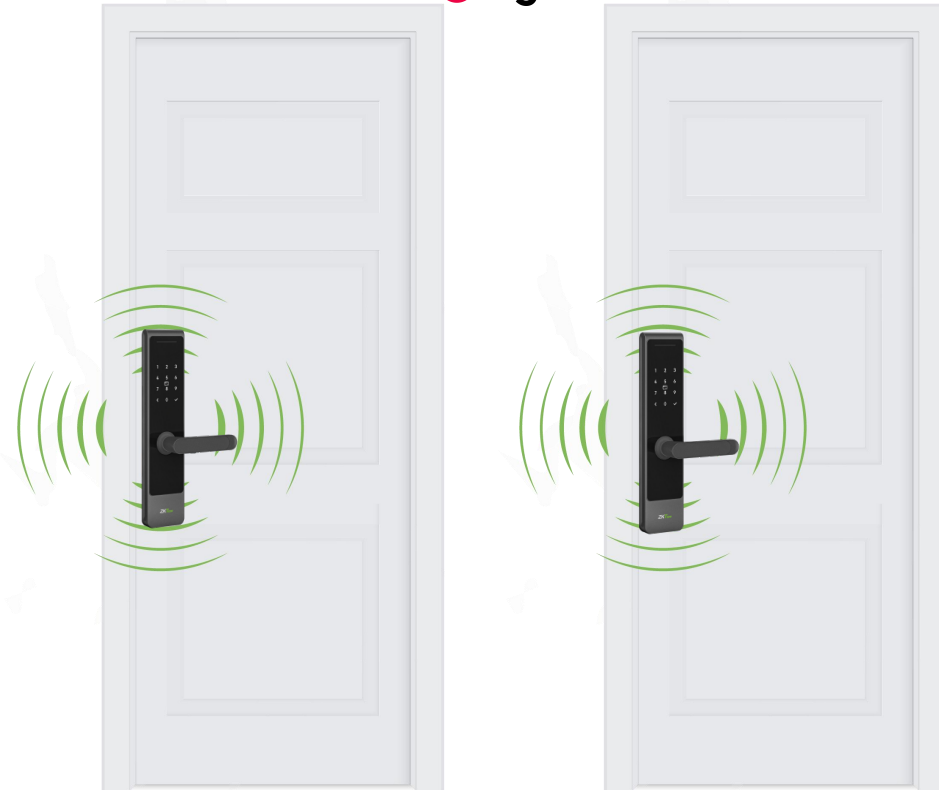
SSL Encryption Protocol



How It Works



SL03-T420H
Wireless Door Lock



Suggested connection environment:
unobstructed, 10-15 meters, up to 6locks.

ZKBio CVSecurity SmartLock
Web-based Security Platform





Applicable Scenarios



Short-term rental apartments.



Long-term rental apartments.



Dormitory



Wireless Door Lock / SL03-T420H



Features

- Unlocking Methods: Smart Phone, Passcode, Card
- User Capacity: 100
- Communication: Zigbee
- Management Software: ZKbio CVSecurity Smart Lock
- Power Supply: 8xAA Alkaline Battery (not supplied)
- Door Thickness: 35-60mm (standard)

Specifications

Case Material	Zinc Alloy + ABS
Card Type	IC Card
Mobile	H5 Link
Communication	Zigbee
Power Supply	8 * AA Alkaline Battery (not included)
Door Thickness	35-60 mm (standard)
Dimensions (W*L*D)	298 * 70 * 20 (mm)



Gateway/ TX02-Z03H



Compatible With
ZKBio CVSecurity
Smart Lock

Features

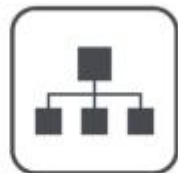
- Supported Product: SL03-T420H
- Max. Node: 6
- Communication: Wi-Fi 802.11 b/g/n 802.15.4/ Zigbee
- Adapter Output: DC 5V, 1A



Remote Control
via ZKBio CVSecurity



Fast
Configuration



Multi-device
Management



Wireless
Encryption



USB Desktop Encoder / CR20



Compatible With
ZKBio CVSecurity
Smart Lock

Features

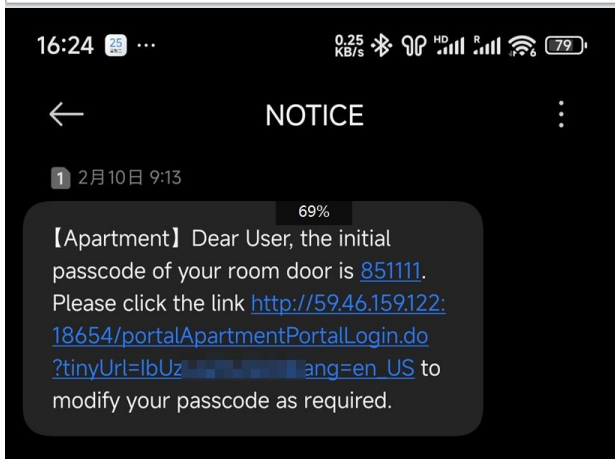
- Supported Product: SL03-T420H
- International Standard: ISO /IEC 14443 A
- Supported Card Type: RFID S50 /S70 IC Card, DESfre
- Working Frequency: 13.56MHz
- Power Supply: DC 5V ($\pm 4\%$)

Specifications

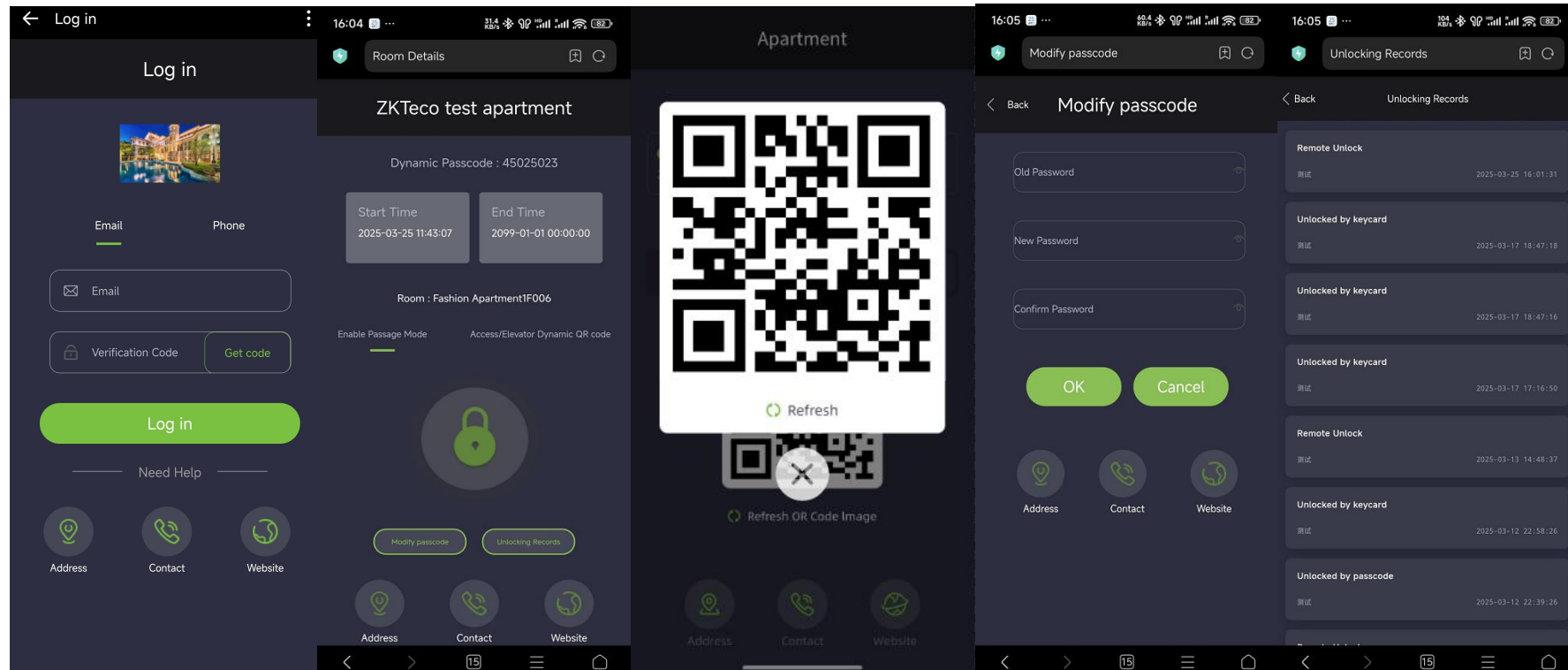
Operating System	Windows
Frequency	125KHZ
Read Range	Up to 10cm
Communication	USB
Operating Temperature	-10°C to 70°
Operating Humidity	10%~90% RH
Dimension	117.2*66.2*17 (mm)



Mobile Control System / HTML5



Use your registered email to obtain a login code	Remotely unlock the main panel	QR temporary card for access/elevator control	Change the initial password	Door unlocking record query
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Mobile Control System / HTML5

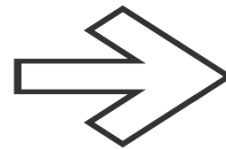

General functions



Online Lock / Room Management / Hotel Settings

Hotel Information

Hotel Name*	ZKTeco test apartment	5
Telephone	3677800	3
Fax		
Zip/Post Code		
Website	https://www.zkteco.com/en/	4
PublicNet Uri		
E-mail		
Hotel Address	https://maps.app.goo.gl/GJKWJ	2
Hotel Logo	1	选择文件 未选择任何文件



Log in

Room Details

ZKTeco test apartment 5

Dynamic Passcode : 45025023

Start Time: 2025-03-25 11:43:07

End Time: 2019-01-01 00:00:00

Room : Fashion Apartment1F006

Enable Passage Mode

Access/Elevator Dynamic QR code

Log in

Need Help

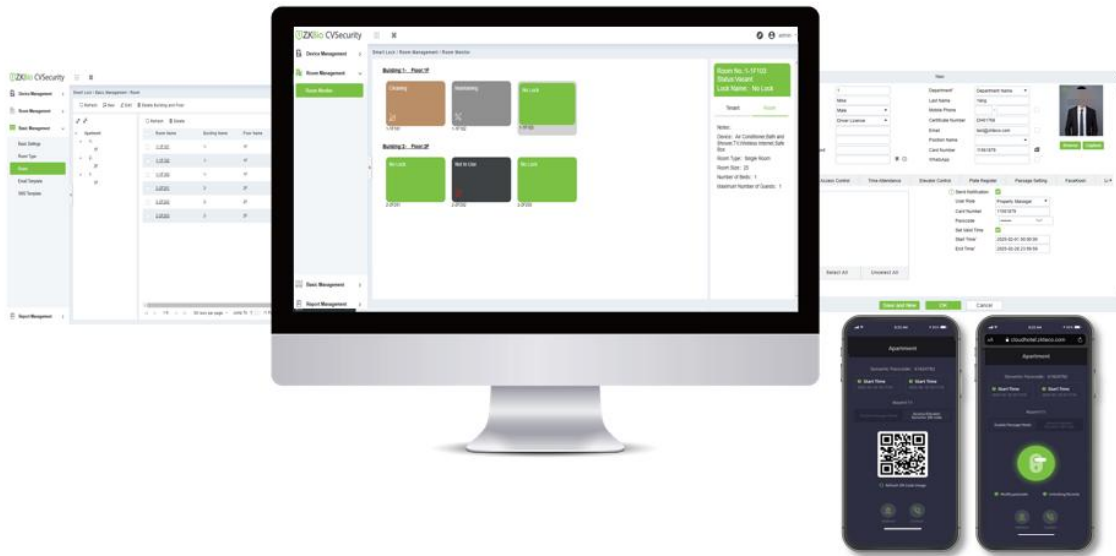
Address 2

Contact 3

Website 4



Software / ZKBio CVSecurity Smart Lock



ZKBio CVSecurity SmartLock

Web-Based Hotel Management Software

ZKBio CVSecurity SmartLock Version is a tailor-made platform developed by ZKTeco, specifically designed for apartment building or dormitory complex requiring integrated smart lock functionality and access control functions.

Built on ZKTeco's ZKBio CVSecurity framework, the platform uses TCP/IP network protocol to connect access controllers, video systems, and parking equipment to the central management system. More importantly, the platform is exclusively engineered to integrate with the SL03-T420H smart apartment door lock via Zigbee protocol for seamless lock integration and enabling real-time door status updates and remote access management. This system minimizes installation complexity while maximizing security and convenience for multi-unit deployments.



Software / ZKBio CVSecurity SmartLock



Software Specifications

Latest Version	ZKBio CVSecurity SmartLock
System Architecture	Server / Browser
Door Capacity	2,000 Doors in Single Server
User Capacity	300,000
Database	Postgre SQL, Oracle 11g / 12c / 18c, SQL Server 2008 / 2012 / 2014 / 2016 / 2017 / 2019
Supported OS	Windows 7 / 8 / 10, Window Server 2008 / 2012 / 2016 / 2019
Suggested Browser	Firefox27+ / Chrome33+ / Edge

Minimum PC Requirements

CPU	Dual Core Processor with Speed of 2.4GHz or Faster
Memory	4GB or Above
Storage	30GB Free Space or More (NTFS Recommended)
Monitor Resolution	21.5-inch or Above, 1920*1080 Pixels or Above



Highlighted Features



Economic Installation & Maintenance

Wireless door lock requires no wiring and interlinkage, thus significantly lowering the difficulty of the installation of door lock surveillance network for hotel and office use. The wireless data communication and control between door locks and software can be completed by Zigbee wireless connection



Highlighted Features



Contactless Mobile Door Opening

Once a reservation is completed, ZKTeco's cloud will send an HTML5 link to the guest via SMS or email. The guest could open the link via his/her smartphone, then he/she could use the **smartphone as the room key**. What's more, guests could request room services by simply clicking on an icon on the HTML5 web. This informs the Apartment Administrator or the butler team that which guest or which room needs help. The staff could then call the guest to understand their needs



Highlighted Features



Temporary password

It supports setting the pass unlock code and can set the expiration date on demand to provide to the visitor personnel, short-term tenants.

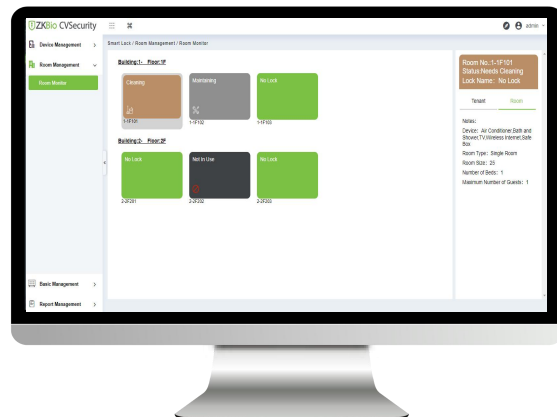
User Role	Property Manager
Card Number	114015971
Passcode
Set Valid Time	<input checked="" type="checkbox"/>
Start Time*	2025-03-06 00:00:00
End Time*	2025-03-06 23:59:59



Highlighted Features

Multiple-Door Status Detection

John	Andrew	Taylor
Don't Disturb	Door-Unclosed Warning	Low Battery Warning

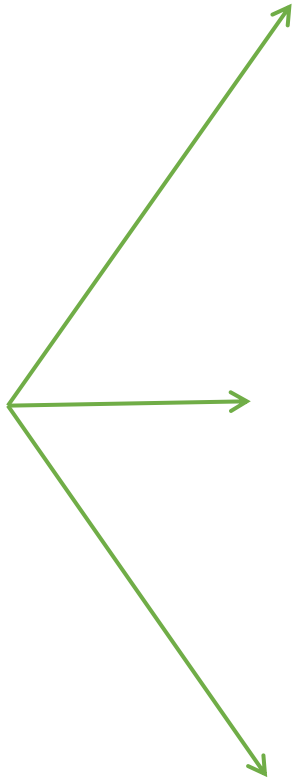


Real-time Room Status Monitoring

Support room status display. Personnel can be set to clean mode, disable mode, etc. and displayed for administrator to view through the visualization platform. And support gateway can real-time upload door status data, such as low battery alarm, door not closed alarm, etc., so that administrators can view in time.



Highlighted Features



QR Code Passage

Users can pass through the access control, gates, & verify ladder access through the QR code in the H5 link. This avoids the problem of not being able to enter the apartment because of a temporary lost key.



Highlighted Features

HotelCardOperation : Hotel Card Operation		
GET	/api/hotel/card/updateLockBlack	Set Hotel Lock Black List And Cancel Black List

HotelExtraApi : Hotel Extra Api		
HotelLock : hotel lock		
GET	/api/hotel/extra	Delete Hotel Lock
GET	/api/hotel/extra	Disable Hotel Lock
GET	/api/hotel/extra	Enable Hotel Lock
POST	/api/hotel/extra	Get Hotel Lock
GET	/api/hotel/extra	Open Hotel Lock
POST	/api/hotel/extra	Set Hotel Card Info
POST	/api/hotel/extra	Set Hotel Lock Info
GET	/api/hotel/extra	sync lock time
GET	/api/hotel/extra	Get Hotel UnlockRecord
GET	/api/hotel/extra	Set Hotel Lock Status



Open API for 3rd-Party Integration

Supports inter-industry open API exchange platform for the interlinkage between ZKBio CVSecurity Smart Lock and other 3rd party applications of hotels, enabling clients' existing hotel management software and ZKBio CVSecurity Smart Lock data communication for integration and mutual sharing of guests' information to promote business

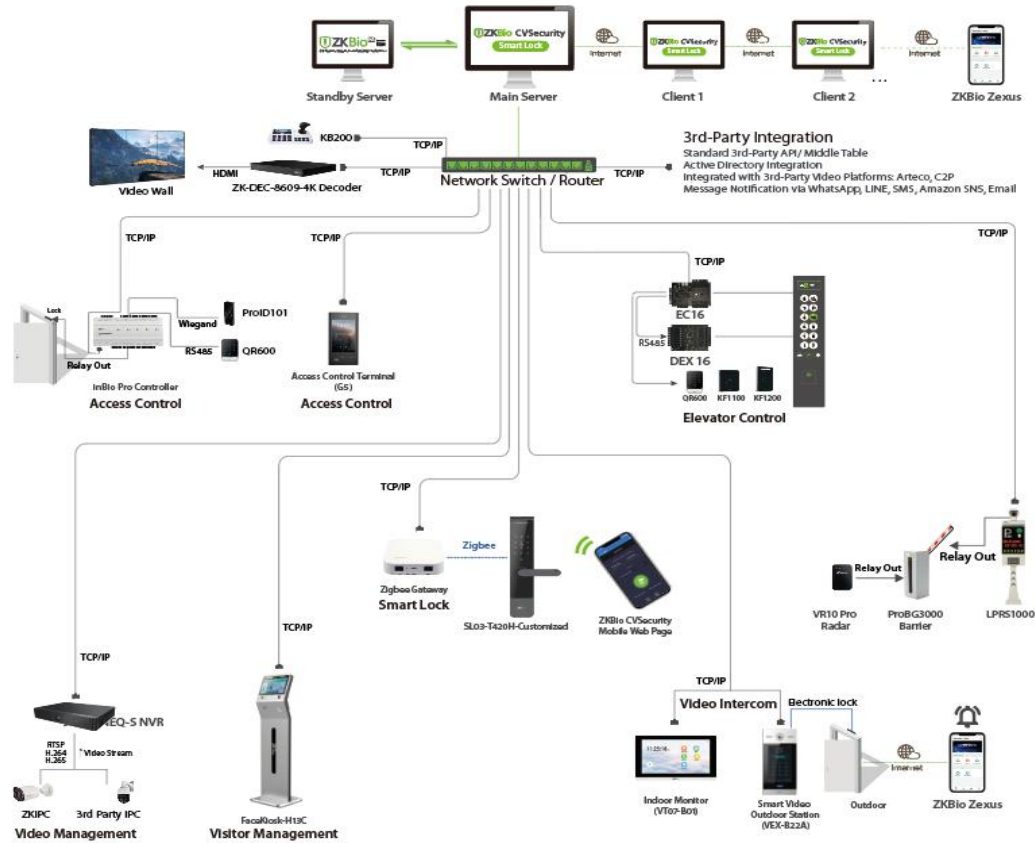


SSL Encryption Protocol

ZKBio CVSecurity Smart Lock provides a high secure communication over a computer network, HTTPS (HTTP Secure), an adaptation of the Hypertext Transfer Protocol, which is widely used on the Internet, It means all communications between the hotel lock and the ZKBio CVSecurity Smart Lock Client are encrypted



Highlighted Features



Access Control & Elevator Control Functional Integration

The ZKTeco Apartment Lock integrates with the all-in-one ZKBio CVSecurity software and includes features such as access control, elevator control, apartment locking and personal management. It is flexible and allows customers to choose the right functional modules for their organization's needs without having to change the software.