



# Smart Dormitory/Online Lock Solution



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## USAGE SCENARIO

Hotel want to have real-time monitor system, but dont want to spend money to create a hotel APP for guest unlock.

## MERIT

- Online Room Allocation
- Track Room Transcation
- Terminate user online immediately

# C O N T E N T

01

**Remote  
configuration**

02

**Remote  
Monitor**

03

**Real-time  
Operation**

A white circular graphic with a subtle drop shadow is positioned on the left side of the page, overlapping a dark blue rectangular background. It contains the text '01' in a large font and 'CHAPTER' in a smaller font below it.

# 01

## CHAPTER

# Remote Configuration

- Online Lock Binding
- Solution For Emergency

# Online Lock Binding

## Locks are bound to system via a bridge.

- Configure bridge IP in system for identification and will be connected once with network.

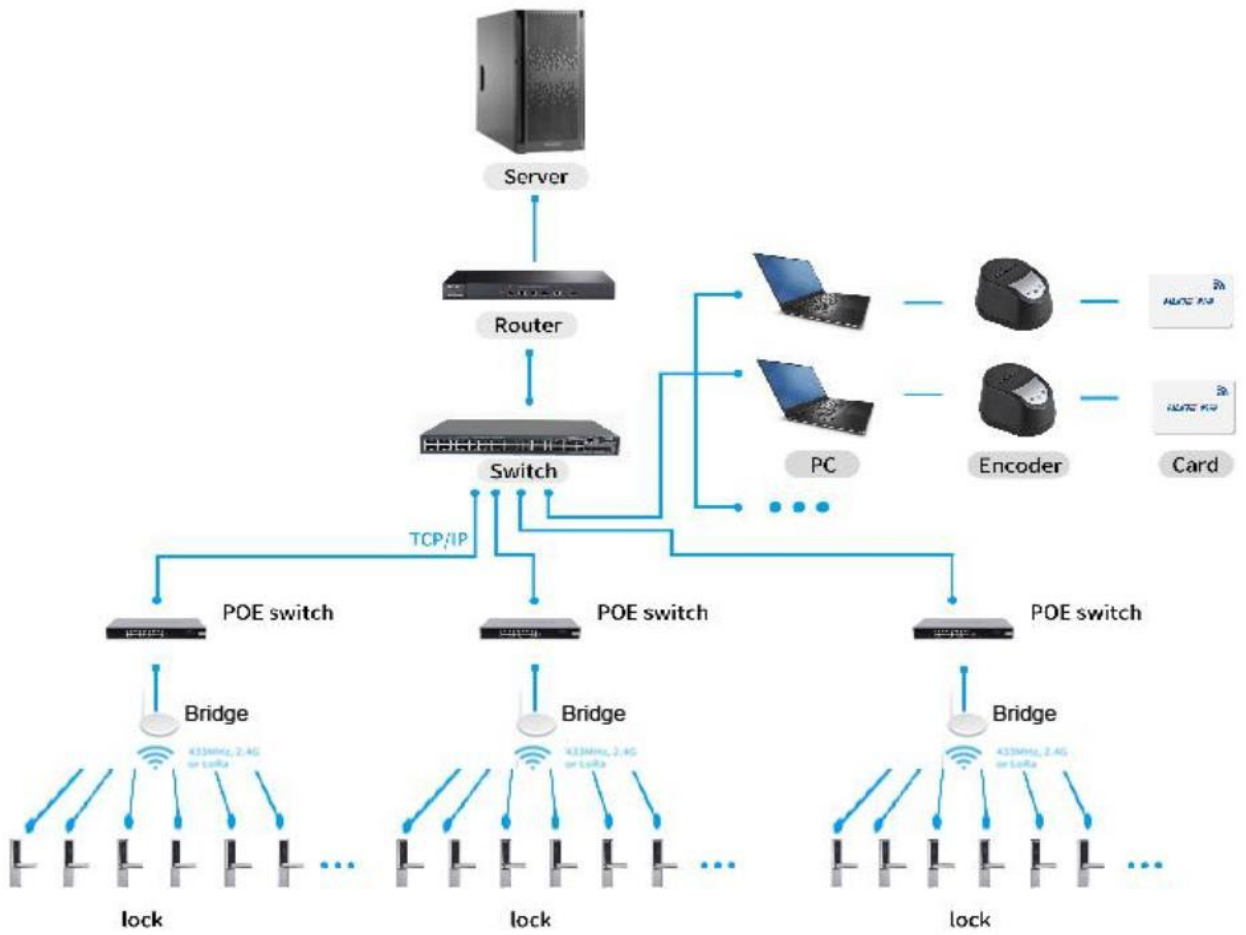
The screenshot shows a web interface with a search bar and a table titled "Gateway History IP". The search bar includes fields for Gateway ID, Gateway IP, Gateway Name, and an Online status dropdown set to "Online". Below the search bar are "Search" and "Bind Room" buttons. The table below has columns for Num..., Gateway ID, Gateway Name, Gateway MAC, Gateway IP, Cha..., Online, and a date column. The first row shows a gateway with ID 005639, MAC 68:6E:67:15:01:11, IP 192.168.1.204:8418, and is marked as "Online".

Num...	Gateway ID	Gateway Name	Gateway MAC	Gateway IP	Cha...	Online	
1	005639		68:6E:67:15:01:11	192.168.1.204:8418	18	Online	2021

- Each lock have ID Series code, input this code under specific bridge.

The screenshot shows a "Room" management interface. At the top, there are filters for Building Name (All Buildings), Floor Name (All Floors), and Room Name (103). Below these are buttons for "Initialization Card" and "Network Card". A modal window is open in the foreground, titled "Room", with a close button (X). The modal contains a "Lock ID:" input field, a "Bind Device" button, and two buttons at the bottom: "Unbind Device" and "Mandatory unbundling". The background shows a table of rooms with columns for Room Name, Room Type, and Gateway Name. Room 103 is highlighted in green.

# Operate Logic



## Device required to prepare by client

- computer Windows XP, 7, 10 11, 12. Capacity 8G above
- Server( 8G above)
- POE Switch
- Stable network

## Devices In This System

Locks are bound to system via a bridge.

Gateway, connected to LAN with cable CAT 5e, connect to the locks wireless



Bridge/Gateway



Lock



Elevator controller



Encoder



# 02

## CHAPTER

### Remote Monitor

- Unlock Record Monitor
- Lock Operation Monitor
- Lock Power Monitor

# Remote Monitor

## Unlock Record

## Remote/ Card

No matter what media is taken to unlock the door, system can get the records immediately to avoid any not authorized room allocation.

## Lock Operation

## Any Operation in System

System has different grade authorization rights. Master user can allocate other users to operators this system. All system users can check system operation status within their authorized scope, such as they can check which rooms are sold, if any new locks added...

## Power Monitor

## Low Voltage Warning

This system have DC and AC version. AC version may be in sore need of this function. System will inform which lock is in low voltage status to less your management load.

# Remote Monitor

Unlock Record

01

Room Name : 666	Gateway ID : 005639360479476
Lock ID : 007769664259439	Status : Online <input checked="" type="checkbox"/> Always open <input type="checkbox"/> Low Voltage <input type="checkbox"/>
Lock Operation :	<input type="button" value="Unlock"/> <input type="button" value="Update Clock"/> <input type="button" value="Check Clock"/> <input type="button" value="Check Unlock Records"/>

Room Detail

Room Name : 666	Gateway ID : 005639360479476
Lock ID : 007769664259439	Status : Online <input checked="" type="checkbox"/> Always open <input type="checkbox"/> Low Voltage <input type="checkbox"/>
Lock Operation :	<input type="button" value="Unlock"/> <input type="button" value="Update Clock"/> <input type="button" value="Check Clock"/> <input type="button" value="Check Unlock Records"/>
Begin: 15:22:00	End: 22:22:00 <input checked="" type="radio"/> On <input type="radio"/> Off <input type="button" value="Power Saving Mode"/>
<input type="checkbox"/> Always open <input checked="" type="checkbox"/> Limited Period	
Operate Type: <input checked="" type="radio"/> Password <input type="radio"/> Card	<input type="button" value="Card/Password Authorization"/>
Set Begin Time: 2020-08-03 15:22:18	Set End Time: 2020-08-10 15:22:18
Staff Begin Time: 2020-08-03 15:22:18	Staff End Time: 2020-08-10 15:22:18
<input type="button" value="Check"/> <input type="button" value="Remote Authorization"/>	<input type="button" value="QR"/>

02

Lock Operation

03

Power Monitor

Unlock

Lock information

Room Name	101	Lock ID	026461395550244
Battery	38%		

# 03

## CHAPTER


# Real-time Operation

- Card Generation
- Card Termination
- Solution For Emergency

## ✔ Card Generation

- Insert guest booking information in Software
- Allocate room for this lodging
- Select lodging time in system
- Guest verify checkin information in automatically machine (Need to do integration with HUNE encorder)
- Guest can use this card to unlock
- Guest can use this card to enter elevator and go to the floor they live in

**Guest Card** ✕

Guest	Guest Name	
Room	Room Name	

Begin Time: 2021-07-30 16:04:00  Open bolt

End Time: 2021-07-31 16:04:00  Terminate old

Always Open      Card Qty:

**Issue Card**      **Refresh**      **Close**




# Card Terminated

Card

- Select Room
- Cancel or blacklist cards have lost

**Room Pass Card** ✕

Room Name  

**Modify Room Password**

**download Room Password**

**Change room-level password online**

**Close**



# Solution For Emergency



## No Network

Even Network outage can still issue card and check lock transaction once network connected.

- Generate card via encorder and record will be reserved in system
- Lock transactions will be reserved in the lock and can be refreshed in system once network is connected

## we just need your colleague's help



## Lost Card

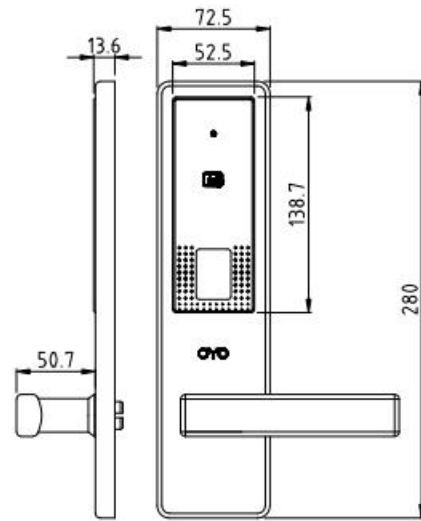
Lost card can be invalid immediately in system

- Select Room
- Click "Change room level password online" and wait for 5 seconds, previous room card will be invalid
- Click "Close" and wait for 5 seconds, previous room card will be invalid

# Model For Reference

930SS-13-D  
stainless steel

- 201 Stainless steel
- Applicable with ANSI mortise
- Bluetooth optional



Mechanical key override: Yes

Unlocking record for trail: Yes

Low voltage warning: Yes

Passage mode: Yes

Static consumption: 12uA

Working temperature: -10%-60%

Humidity: 20%-80%

Applicable: Mifare 1 card, Desfire card optional

Material: 201 Stainless steel

Battery: 4 standard AA alkaline batteries,  
18 months in normal state

Deadbolt Indication: Blue and red light when touch key card

Mortise: ANSI





# THANK YOU

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