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Elevator control wiring and simple configuration

(Button mode)

Preparation :

Prepare the following equipment for the test, complete the test and then installDs-k2210Ds-k2m0016ds-k1106



Step 1: DIP Switch

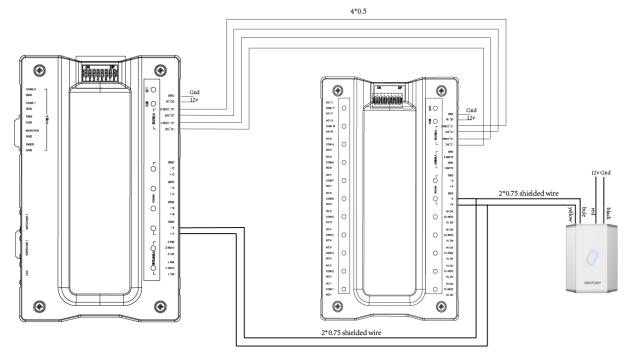
The DIP switch of the card reader should be decimal 1 or 2. The DIP switch of Ds-2100 should be decimal 1 or 2. The DIP switch of distributed elevator controller (DS-K2M0016A) is decimal 3-10

The device USES binary dialing codes

If you want to get dialing 3, Dial 1 and 2, if you want to get 4, Dial 3

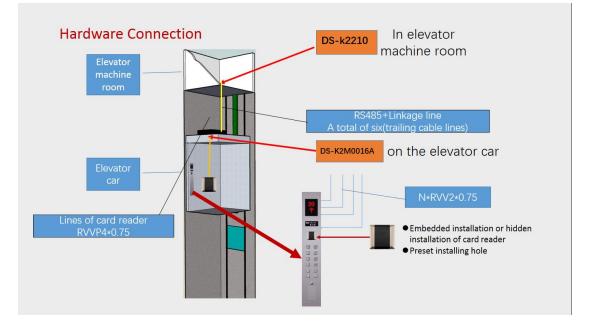
| Title: | Elevator control wiring and Simple configuration(Button mode) | Version: | V2.0 | Date: | 12/5/2017 | |
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Step2:Wring



Step 3:Installation

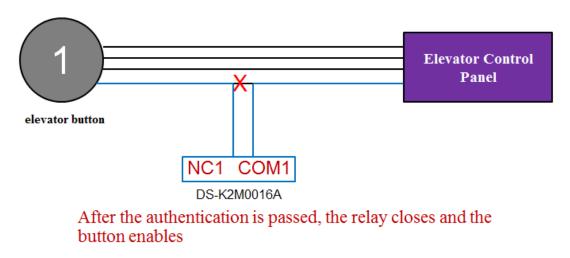
Installation of elevator controller and Elevator button connection controller installation diagram

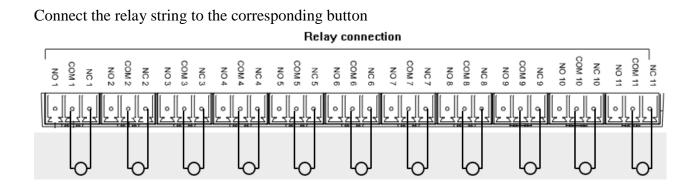


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Principle:

Button (The DIP switch of distributed elevator controller (DS-K2M0016A) is decimal 3-<u>10</u>) : We control the buttons in the elevator, just put the NC and COM into the button circuit, if the permission is verifiable, the relay will action and you can press the corresponding button. This part we need use NC and COM, **because the NC and COM** is disconnected when the controller with power supply, and it will be the opposite without power supply in button mode. The advantage of this mechanism is the controller will release control without power supply, which can avoid hidden dangers.





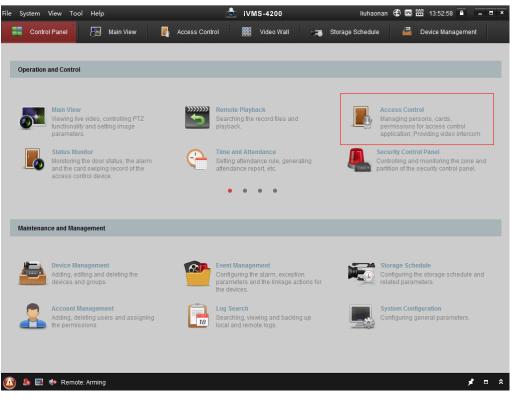
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Step 3:Configuration

4200 2.6.2.7

1.4200 ConfigurationClick the access control



2.Activate

| + (| | | | | | , |
|-----------------|---------------|------------------------------------|---------|------------|-------------------|------------|
| Online Device (| 6) | | | | 🕂 Refresh Ever | y 60s 👋 |
| + Add to Clie | ent 🕂 Add All | 🗹 Modify Netinfo 🛛 🦘 Reset Passwor | d 🌻 . | Activate | Filter | |
| IP | Device Type | Firmware Version | ecurity | Server Por | t Device Serial | Start Ti 1 |
| 10.5.6.30 | DS-7732NI-K4 | HOLNVR32-IN V1.1.1.2 Ad | tive | 8000 | DS-7732NI-K4 | 2017-0 |
| 192.0.0.64 | DS-K2210 | V1.0.0build 161130 In | active | 8000 | DS-K2210201 | 2017-0 |
| | | | | | | |
| + | | | | | | ÷. |

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3.Modify net info

| File | System | View i | Fool Help | | <u>a</u> | iVMS-4200 | | ADMIN | 🔁 🚥 🚟 | 15:56:08 🔒 | - • × |
|------------------------------|------------|-----------|---|---|--------------------|---|---------------|------------|----------------------|-------------|---------------|
| | Contro | ol Panel | 📕 Acc | cess Control | 5 Status Monitor | 🐣 Event Manage | ement 🖴 | Device Ma | nagement | | |
| | Device for | or Manag | ement (1) | | | Modify Network | k Parameter | _ | _ | × | 😯 Refresh All |
| R R V °°° S R | Device 1 | ype Nie | dify 🗶 Delete ckname vator controller | Remote Confil Connectio Ne TCP/IP 10. | Software Version: | 10.5.6.117 255.255.255.0 10.5.6.254 | V01000EN79355 | 3954 | Сору Сору Сору | Itatus | Refresh |
| ₽ 0 | | | | | | | | ок | Cancel | Refresh E | · · |
| | Online D | evice (1) | | | , | | | | | C Refresh E | Every bus |
| | + Add | to Client | + Add All | 🖪 Modify Netinfo | 🔊 Reset Password | Activate | | | Filter | | |
| | IP | | Device Type | Firmwar | e Version Secur | rity Server Port | Device Serial | Start Time | | Added | Support H |
| | 10.5.6.1 | .7 | DS-K2210 | V1.0.0b | uild 161130 Active | e 8000 | DS-K2210201 | 2017-07-2 | 1 15:55:56 | Yes | N/A |
| | + | | | | | | ~ ~ ~ | | |) | • |

4.Add to client

User name : admin

| File | System | View | Tool | Help | | iVM 📩 | S-4200 | | ADMIN 🏵 | 0 🕮 🛗 15:58:04 | ● _ □ × |
|----------|----------|--------------|---------|------------------|--|-------------------------------|-------------|---------------|--------------|----------------|---------------|
| | Contr | ol Pane | | | | Add | | | | × ent | |
| ₽ | Device f | or Mana | gemen | Adding Mode: | | | | | | | 📀 Refresh All |
| 롦 | + Add | 1 🖄 N | lodify | IP/Domain | IP Segment | O Hik-Conn | ect D 🔘 EHo | ome 🔿 s | Serial Port | | |
| R | Device | Туре М | licknan | O IP Server | O HIDDNS | Batch Imp | port | | | Net Status | Refresh |
| | | | | Add Offline | Device | | | | | | |
| | | | | | Nickname: | Elevator | controller | | | | |
| 9 | | | | | Address: | 10.5.6.11 | 17 | | | | |
| . 0 | | | | | Port | 8000 | | | | | |
| ¢° | | | | | User Name: | admin | | | | | |
| | | | | | Password: | ••••• | • | | | | |
| % | | | | | Export to Group | | | | | | |
| Ð | | | | | Set the device name connected to the de | | | the channels | | | |
| | | | | | | | | | | | |
| o | • | | | | | | | Add | Cancel | | + |
| | Online E | Device (1 |) | | | | | | | Refres | sh Every 60s |
| | + Add | to Clier | nt 🕇 | Add All 🛛 🖸 Modi | fy Netinfo 🛛 🥱 Reset Pass | sword 🛛 🔮 Ac | tivate | | Fi | ilter | |
| | IP | ^ | Devic | е Туре | Firmware Version | Security | Server Port | Device Serial | Start Time | Added | Support H |
| | 10.5.6.1 | 17 | DS-K | 2210 | V1.0.0build 161130 | Active | 8000 | DS-K2210201 | 2017-07-21 1 | 15:57:56 No | N/A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | + | | | | | | | | |) | ŀ |

To activate the password, you must check "Export to Group"

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| User Name: | admin |
|-----------------|-------|
| | |
| Password: | ••••• |
| Expert to Crown | |
| Export to Group | |

5.Determine the controller to display online

| 🕂 Add 🗹 Modify 🗱 Delete 🏾 🏶 Remote Configuration 🏙 QR Code 🌻 Activate | Filter | | |
|--|----------|------------|---------|
| Device Type Nickname Connectio Network Paramet Device Serial No. | Security | Net Status | Refresh |
| Access Co test TCP/IP 10.5.0.233:8000 DS-K221020170511V010000EN793553954 | Weak | 0 | Ð |

6.Configuring the correspondence between floor and relay

| File | System View Too | l Help | 1 | 📥 iVMS-420 | 00 | ADMIN | 🐨 📟 🔠 15:3 | 0:56 🔒 🗕 = 🗖 🛪 | × |
|------|-----------------|-------------------|---------------------|---------------------|---------------------|----------------|------------------|----------------|---|
| | Control Panel | 🖺 Access Co | ntrol 🚺 🐻 Status I | Monitor 🐣 E | vent Management | 🚔 Device Ma | nagement | | |
| _ | Access Contr | Card Reader | 🖁 Multiple 📼 Open I | Door 軍 Anti 甫 | Cross-Controller Ar | nti 盾 Multi-do | IIII Authenticat | 🕄 Rela 🗔 Cust. | |
| 롦 | Controller List | | Relay Settings | | | | | Save | |
| R | Search 4 | 9 | Default S Clea | r All Se Relay Type | - Bu | - Ca Au | | ed Relay | |
| | 🚦 Elevator co | ntroller | Floor1 | Floor2 | Floor3 | Floor4 | Button | Call Ele Aulo | |
| 8 | | | 1-1 | 1-2 | 1-3 | 1-4 | 2-2 | 2-3 | |
| ø° | | | Floor5 | Floor6 | Floor7 | Floor8 | | _ | |
| | 2 | | 1-5 | Not Use 🔺 | Not Use | Not Use | 2-4 | 2-5 | |
| \$ | | | Floor9 | Floor10 | Floor11 | Floor12 | | | |
| B | | | Not Use | Not Use | Not Use | Not Use | 2-6 | 2-7 | |
| | | | Floor13 | Floor14 | Floor15 | Floor16 | | | |
| | | | Not Use | Not Use | Not Use | Not Use | 2-8 | 2-9 | |
| | | | Floor17 | Floor18 | Floor19 | Floor20 | 2-10 | 2-11 | |
| | | | Not Use | Not Use | Not Use | Not Use | | | |
| | | | Floor21 | Floor22 | Floor23 | Floor24 | 2-12 | 2-13 | |
| | | | | | | | • | | Ŧ |
| | 🦺 🚰 🌵 Key Co | ntrol Relay Break | | | | | | 🖈 🗉 🎗 | 2 |

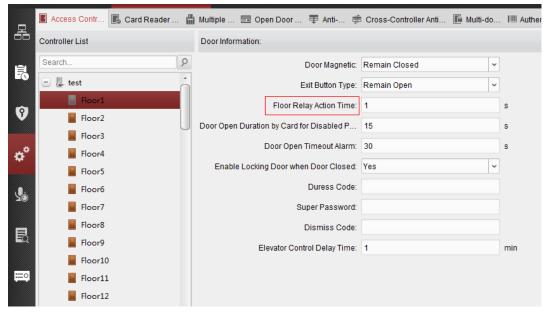
Drag the right relay to the corresponding floor

Click on the upper right corner after the configuration is completed.

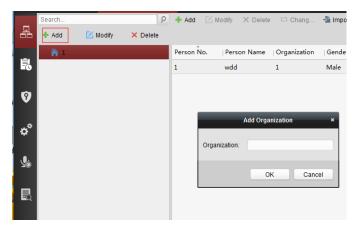
The first number of the right relay is based on the Numerical Value of the dip switch

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7.Set the delay time for each floor by default to 120s, which can be set to 15s



8.add the staff permission



9.Add a person's card

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| | Search | | 9 | 🕇 Add | 🖾 Modify | × Delete | t⊐ Chang | 📲 Import | Export | 🦾 Get Pe | 1 |
|-----------|----------|----------|----------|-------------|----------|-------------|-------------|---------------|-----------------|----------------|----|
| 몲 | 🕂 Add | 🗹 Modify | × Delete | | | | Add Pers | on | | × | na |
| | 1 | | | Person No | o.: 2 | | | * | | | 0. |
| R | | | | Person Na | ame: 1 | 11 | | | | | 17 |
| | | | | Gender: | ۲ | Male | Female | | | | |
| 9 | | | | Phone No | c 🗌 | | | | | | |
| | | | | Date of Bir | rth: 2 | 017-11-24 | | <u></u> | | | |
| ¢° | | | | Place of B | irth: | | | | | | |
| | | | | Email: | | | | | | | |
| Ŀ | | | | | | | | Upl | oad Picture | Take Photo | |
| | | | | 😳 Detail | s 🤱 Perm | nission 🗵 C | ard 👤 Face | Picture 🧔 Fir | ngerprint 📑 A | ttendance Rule | |
| B | | | | + Ad | Id 🖂 Mo | difv X Dele | te 🙆 Link F | ing 游 QR | Code 👤 Li | nk Fac | |
| | | | | Index | | | | | ctive Link Fi | | |
| 0 | | | | Index | | 3414140. | Card Type | Card Life | Cive Elik i i | ingerprint En | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

10.Add permissions, check permissions and click on the right direction to click ok

| | | Add Perm | ission | |
|---|----------------------------------|-------------|---|--|
| Permission Name | 22 | | | |
| Template: | Whole Week Template | ~ | Add Template | |
| Person | | | Selected Person | |
| Search | | 9 | Search | |
| - 🗹 🏠 1 | | | Person Name Organization | |
| 🗹 🚨 wd | d | | 💄 wdd 🛛 1 | |
| | | > | | |
| 1 | | | | |
| 1 | | < | | |
| | | < | | |
| | | < | | |
| Access Control Po | nt/Device | < | Selected Access Control Point/Device | |
| Access Control Po | nt/Device | < | Selected Access Control Point/Device Search | |
| | nt/Device | | | |
| Search | nt/Device | | Search | |
| Search | | | Search Access Contro Door Group | |
| Search Search Search test Flo Flo Flo | or1_test | P Î | Search Access Contro Door Group | |
| Search Carlot test Carlot test Flo Carlot flo Carlot flo | or1_test or2_test | م : : | Search Access Contro Door Group Floor1 test Floor2 test | |
| Search - C test C E Flo C E Flo C E Flo C E Flo | or1_test or2_test or3_test | م : : | Search Access Contro Door Group Floor1 test Floor2 test Floor3 test | |

11. When you click ok, you will be prompted to send it, and you can click directly.

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| Data Synch | ronization × |
|---|--------------|
| Data is changed.Click Apply data to the devices.Or you ca Permission interface. | |
| Apply Now | Apply Later |

12.Can also be selected permissions set after clicking all issued (delete permission first, then issued all permissions, generally after adding new equipment use) or move issued (group permission to use when there is new change).

Step4 :Validate



I give this card the permission of the first three floors, after swiping card, We can see the corresponding relay acted by these pictures $_{\circ}$

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