

<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	1 of 7		



## Elevator control wiring and simple configuration (Button mode)

### Preparation :

Prepare the following equipment for the test, complete the test and then install

DS-k2210

DS-k2m0016

DS-k1106



### Step 1: DIP Switch

The DIP switch of the card reader should be **decimal** 1 or 2.

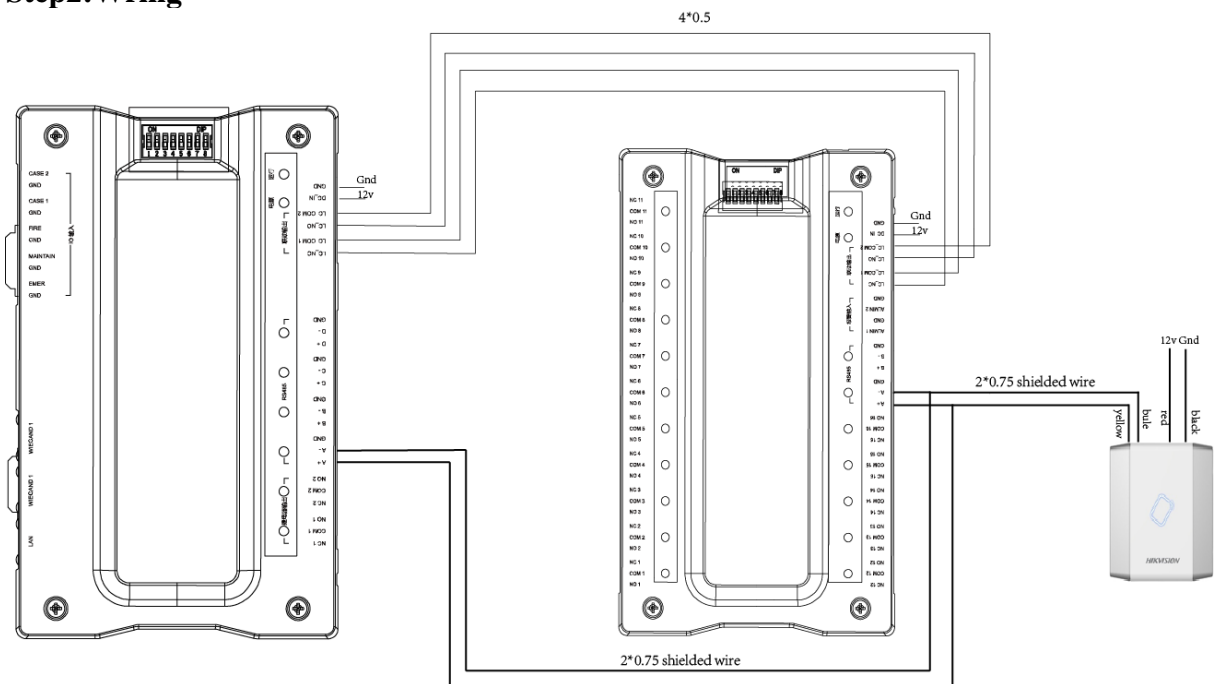
The DIP switch of Ds-2100 should be **decimal** 1 or 2.

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

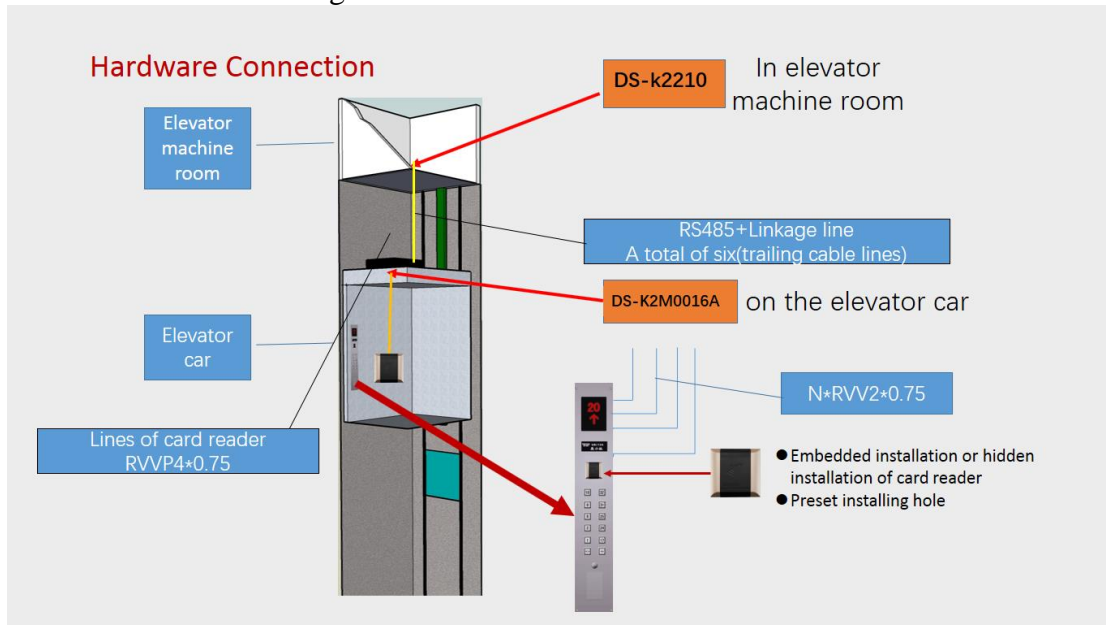
### Step2:Wring



<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	2 of 7		

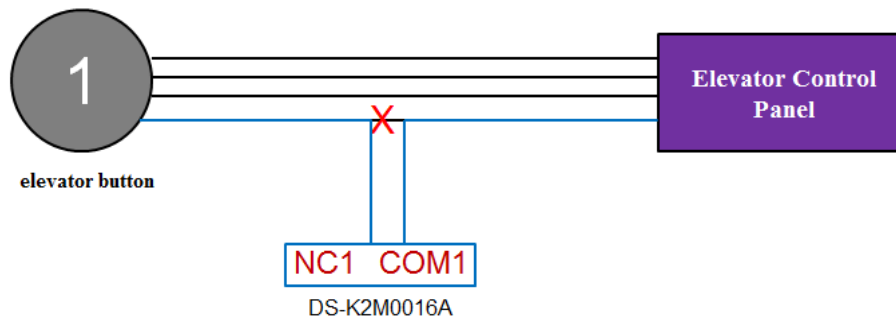
### Step 3: Installation

Installation of elevator controller and Elevator button connection controller installation diagram



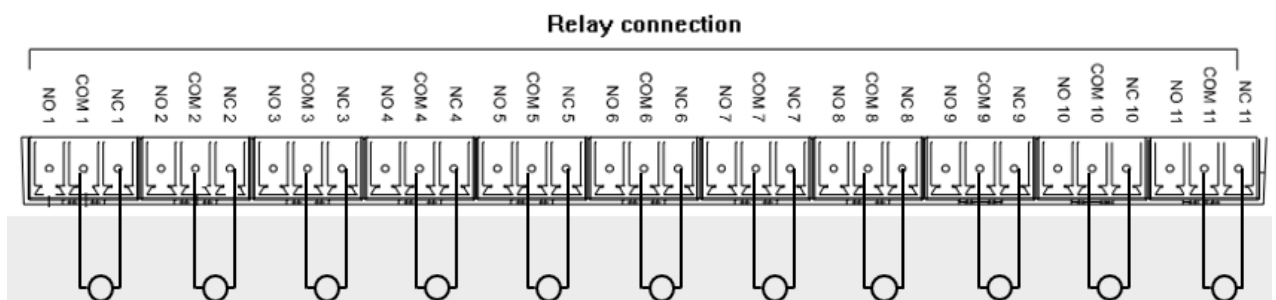
### Principle:

**Button** (The DIP switch of distributed elevator controller (DS-K2M0016A) is decimal 3-10): 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.**



After the authentication is passed, the relay closes and the button enables

Connect the relay string to the corresponding button

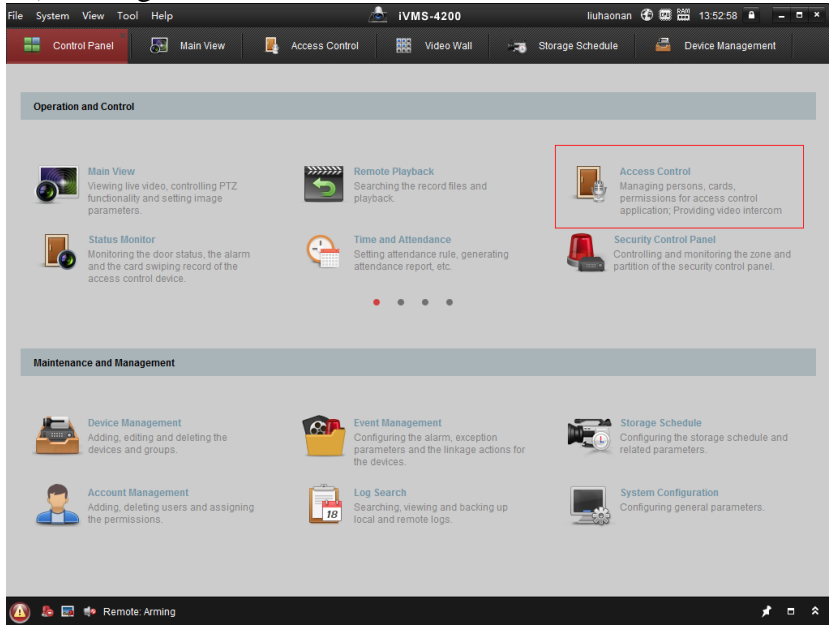


<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	3 of 7		

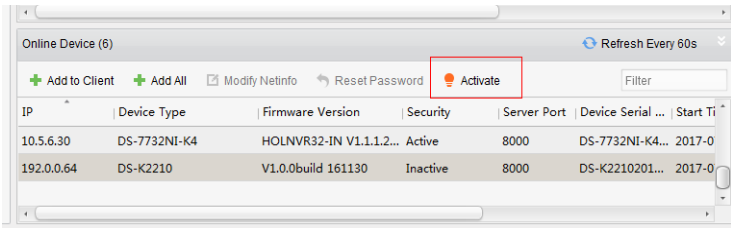


### Step 3: Configuration

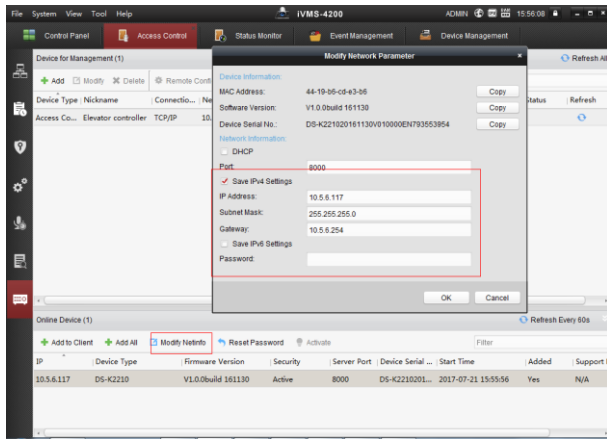
#### 1.4200(2.6.2.7) Configuration Click the access control



#### 2. Activate device

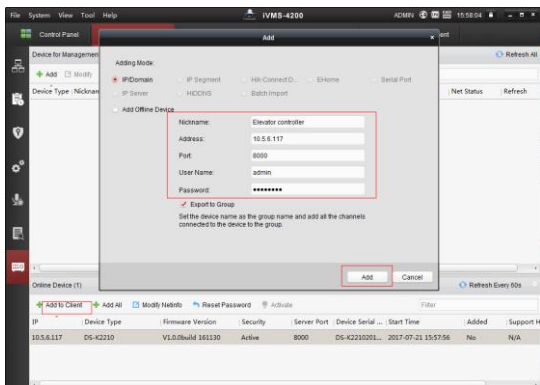


#### 3. Modify net info



#### 4. Add to client

User name : admin



<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	4 of 7		



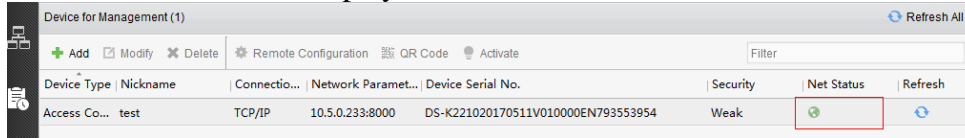
To activate the password, you must check “Export to Group”

User Name:

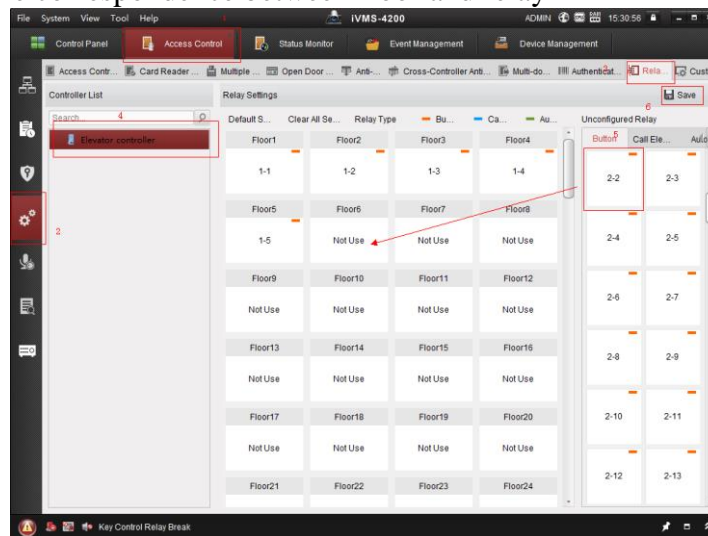
Password:

Export to Group

5. Determine the controller to display online

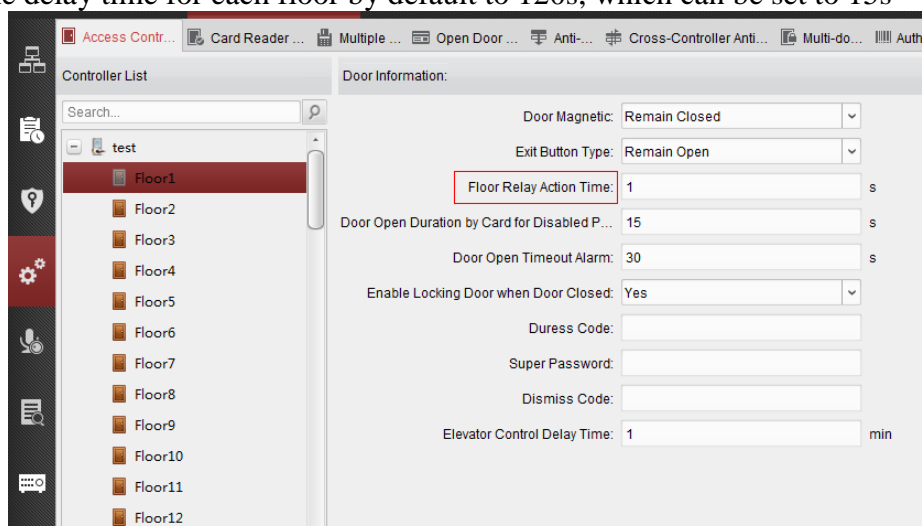


6. Configuring the correspondence between floor and relay



**Note:** 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

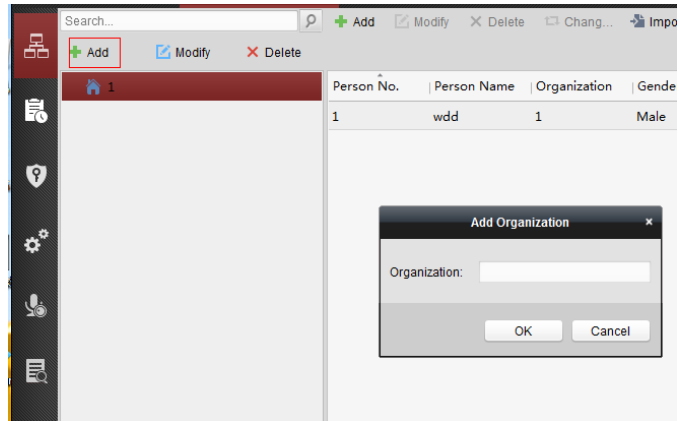
7. Set the delay time for each floor by default to 120s, which can be set to 15s



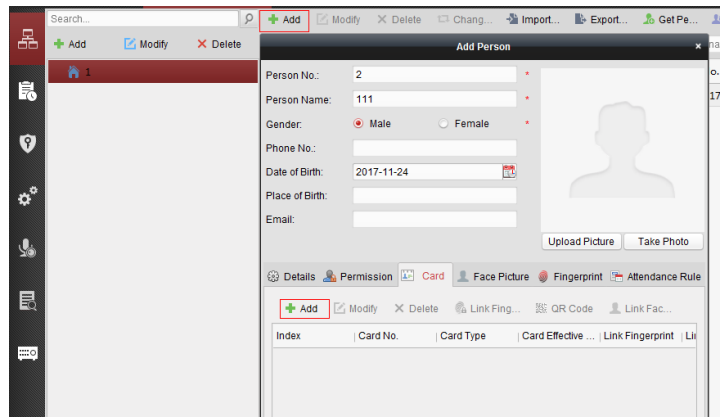
<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	5 of 7		



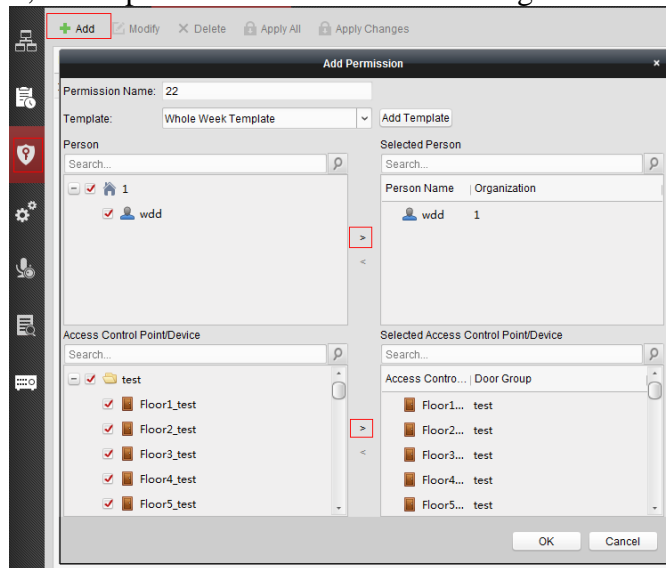
8.add the staff permission



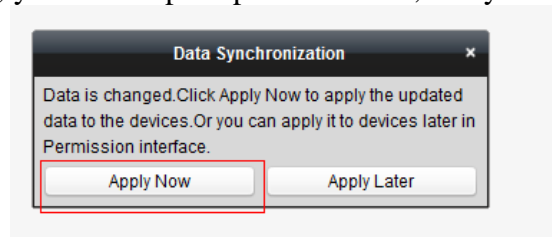
9.Add a person's card



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



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



<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	6 of 7		



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.

<b>Title:</b>	Elevator control wiring and simple configuration (Button mode)	<b>Version:</b>	v1.0	<b>Date:</b>	5/12/2017
<b>Product:</b>	Access Control Device	<b>Page:</b>	7 of 7		



**First Choice for Security Professionals**

***HIK*VISION Technical Support**