梯控-可视对讲主人获得按键权限（接线和配置）

Master gets button permission via elevator control and video intercom

(wiring and configuration)

实现功能：主人用卡片刷卡门口机，主人卡片的住户信息中的楼层发送给梯控，梯控得到楼层事件，联动对应楼层所配置的继电器。

Realized function: the owner uses the card to swipe the door machine, the floor in the resident information of the owner's card is sent to the elevator control, the elevator control gets the floor event, and links the relay configured on the corresponding floor.

准备：

Prepare:

主控模块 DS-K2210、分控模块 DS-K2M0016A 和可视对讲门口机 DS-KD8003-IME1 及室内机 DS-KH6320-WTE1。

Main control module DS-K2210, sub-control module DS-k2M0016A, video intercom door phone DS-KD8003-IME1 and indoor unit DS-KH6320-WTE1.

DS-K2M0016A

Access Control Products > Controllers > Pro Series >

Elevator Sub-Controller

- Distributed elevator controller
- Connectable with up to 16 relays to control floor buttons in the elevator
- RS-485 communication with the master elevator controller
- DIP switch settings for device address and relay types
- Up to 8 distributed elevator controllers can be linked to the master elevator controller
- Control the elevator via the relay

Available models:
DS-K2M0016A

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DS-K2210

Access Control Products > Controllers > Pro Series >

Elevator Master Controller

- Master elevator controller
- Control 128 floors' permissions
- 20,000 cards and 50,000 events storage
- Uplink Communication: TCP/IP and RS-485
- Multiple authentication modes
- Configure and manage device via web client and client software
- Watchdog and tamper-proof function
- Accessible Card Reader: 2 Wiegand readers or 2 RS485 readers

Available models:
DS-K2210

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DS-KD8003-IME1

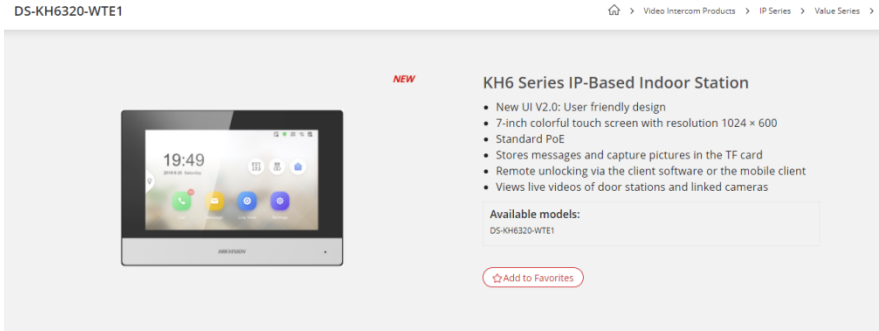Video Intercom Products > IP Series > Pro Series >

NEW

KD8 Series Pro Modular Door Station

- Modular door station Main unit, needs mouting bracket
- 2MP HD Colorful Camera, Fish eye, IR Supplement
- 1 Call physical Button, 2 lock relays, 4-ch alarm input
- IP65, 12 VDC or standard POE
- Video intercom to indoor station and master station

Available models:
DS-KD8003-IME1　　　　　DS-KD8003-IME1-KK/surface
DS-KD8003-IME1-KK/flush　　DS-KD8003-IME1

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1、海康设备接线：

1. Hikvision equipment wiring:

<mark>第一步</mark>：各自提供电源给设备供电。

Step 1: Provide power to the device individually.

<mark>第二步</mark>：主控与分控接法：主控 DS-K2210 的联动输出端一一对应接到分控 DS-K2M0016A 的联动输入端口。分控 485 接口 A+、A-接到主控 485 接口 A+、A-。

Step 2: the connection method of the main control and the sub-control: the linkage output of the main control DS-K2210 is connected to the linkage input port of the sub-control DS-K2M0016A one by one. The sub-control 485 ports A+ and A- are connected to the main control 485 ports A+ and A-.

<mark>第三步</mark>：可视对讲设备各自连在一个局域网内，后面需要门口机通过 IP 添加注册梯控和室内机。
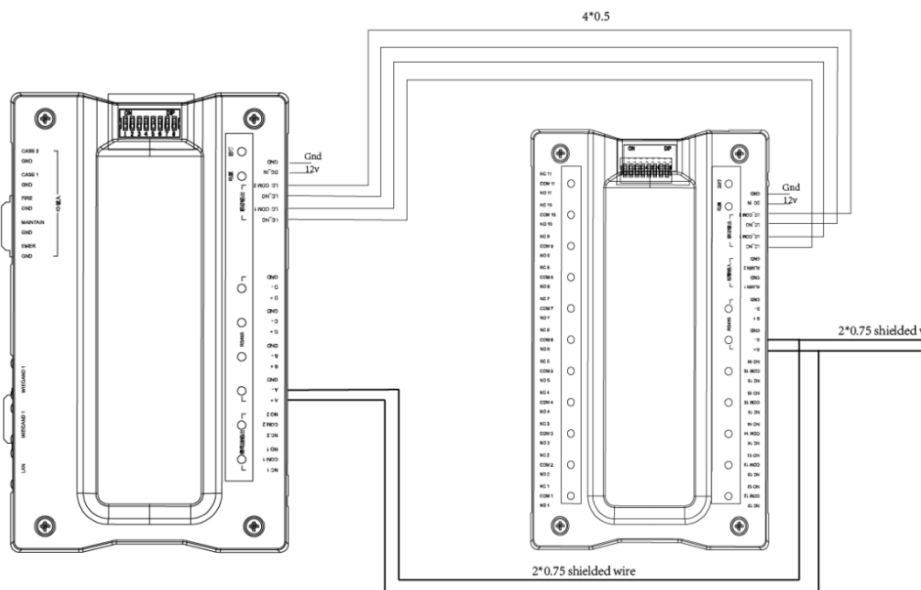
Step 3: The video intercom devices are each connected to a local area network, and the door station needs to add registered elevator control and indoor station through IP.

具体接线示意图如下，可详见 QSG。

The specific wiring diagram is as follows, please refer to QSG for details.

UD03825B-C_Main Elevator Contro
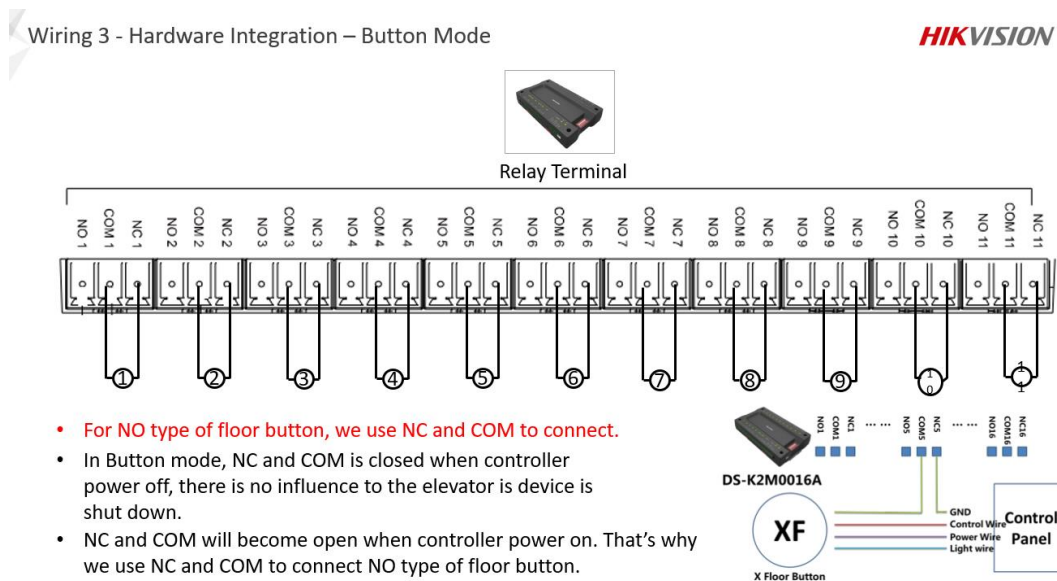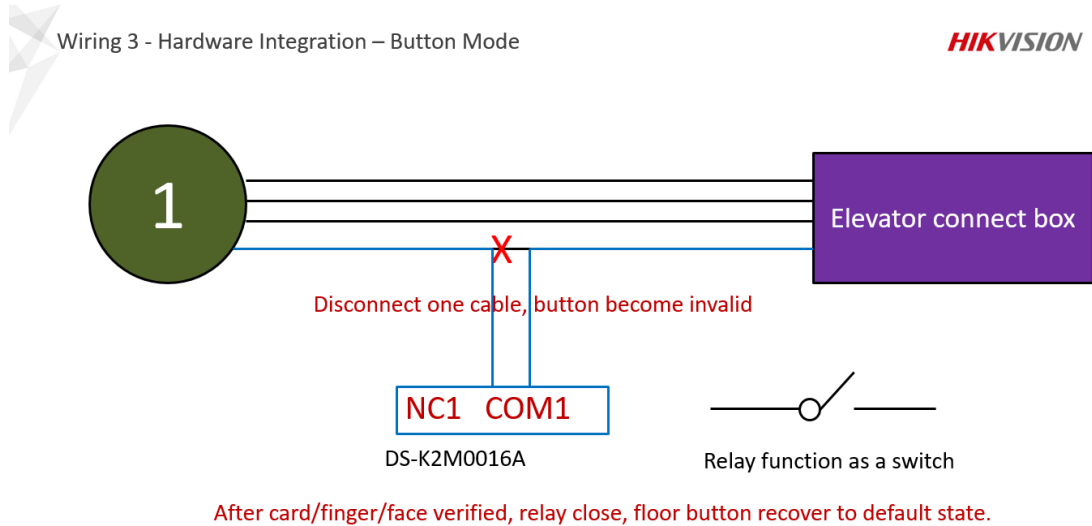
Note:主控不用拨，分控按键模式拨码 3-10，可以选择拨 3，读卡器 485 拨码为 1 或 2。

Note: The main control does not need to be dialed, the sub-control button mode dials 3-10, you can choose to dial 3, and the card reader 485 dials to 1 or 2.

2、分控继电器端子和电梯按钮接线：

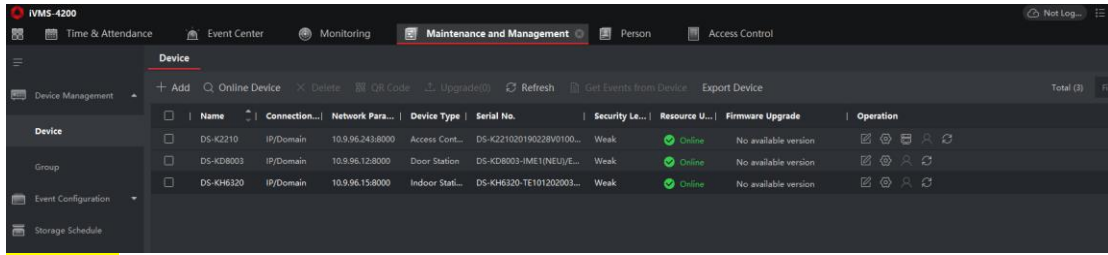## 2. Sub-control relay terminal and elevator button wiring:

单个按钮示例

Example of a single button

连接整个电梯按钮面板示例

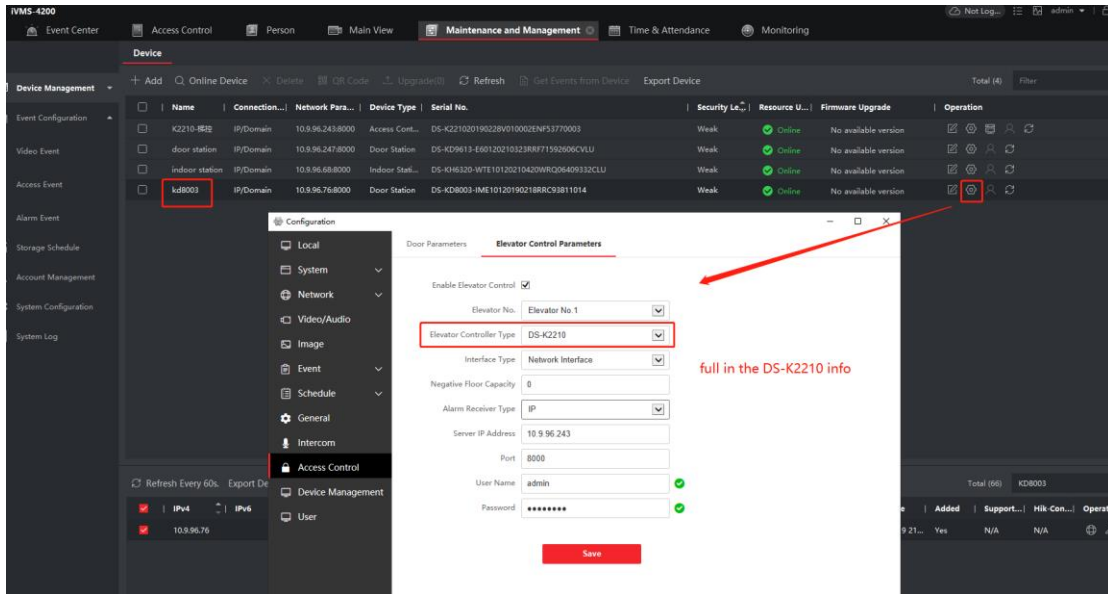Example of connecting the entire elevator button panel

3、配置

3. Configuration

：K2210、KD8003、KH6320 添加至 4200 平台
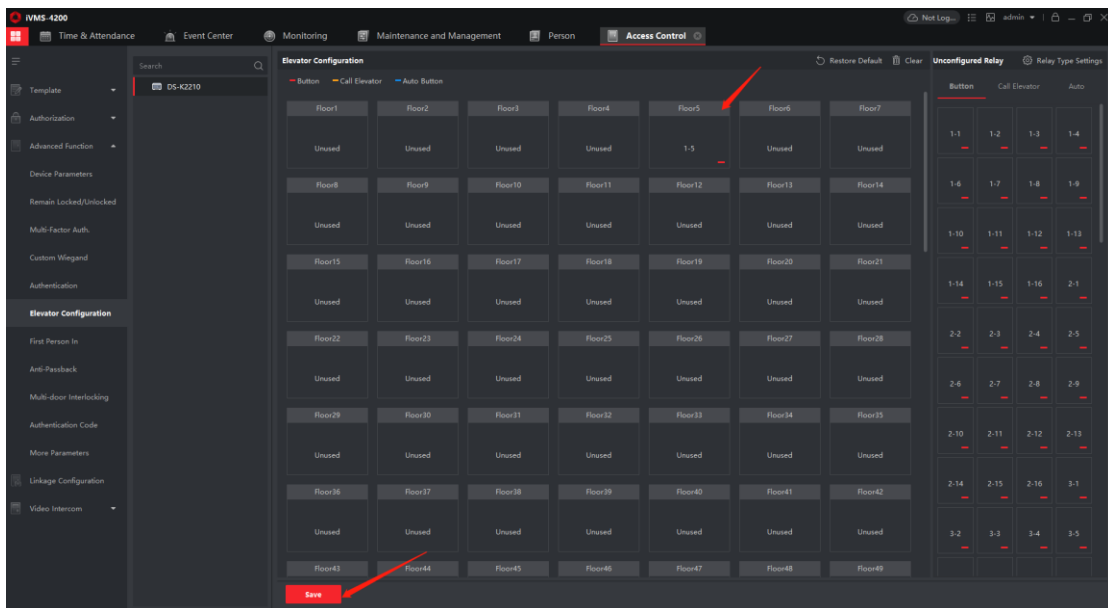
Step 1: add K2210, KD8003, KH6320 to the 4200 platform

门口机添加主控 K2210

Step 2: Add the main control K2210 to the door station

第三步：进入门禁模块，高级门禁参数的 elevator configuration 把分控的按钮继电器拖到对应的楼层权限上，点击 save。

Step 3: Enter the access control module, in the elevator configuration of the advanced access control parameters, drag the button relay of the sub-control to the corresponding floor authority, and click save.

Note：左边是为楼层、右边为分控的继电器。通过楼层事件联动对应继电器。

The left side is the floor and the right side is the sub-control relay. Corresponding relays are linked through floor events.

1-1：表示第一个按键模式分控第一个继电器，一共可接 8 个按键分控。

1-1: Indicates that the first relay in the first button mode is sub-controlled, and a total of 8 buttons can be sub-controlled.
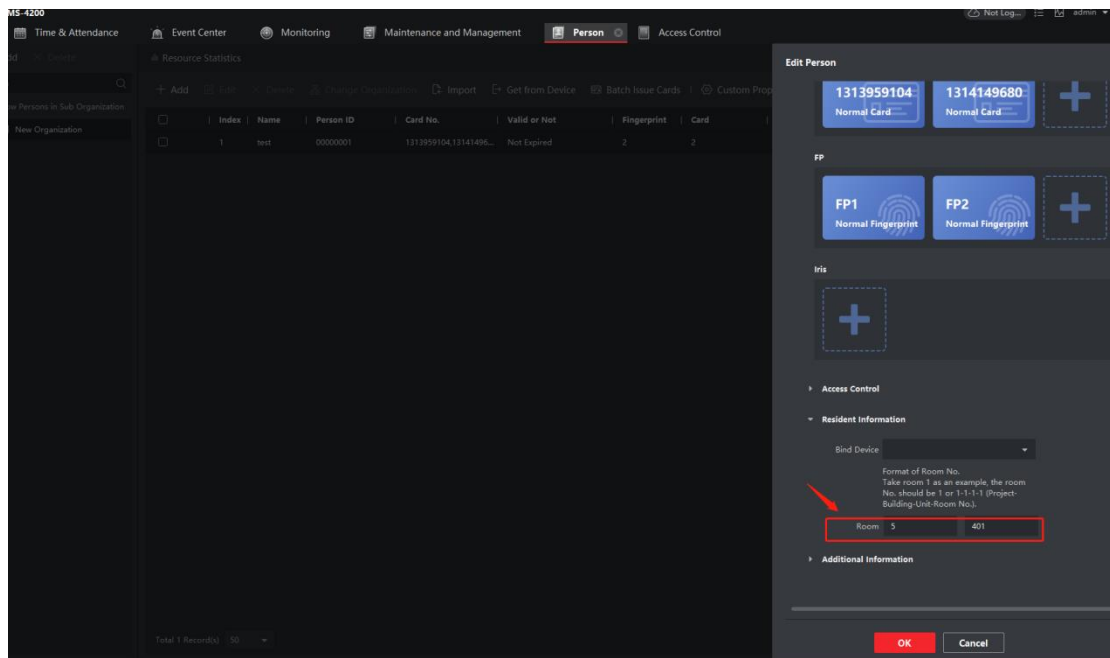
9-1：表示第一个呼梯模式分控第一个继电器，一共可接 8 个呼梯分控。

9-1: Indicates the first relay of the first call mode sub-control, a total of 8 call sub-controls can be connected.

17-1：表示第一个自动模式分控第一个继电器，一共可接 8 个自动分控。

17-1: Indicates the first relay of the first automatic mode sub-control, a total of 8 automatic sub-controls can be connected.
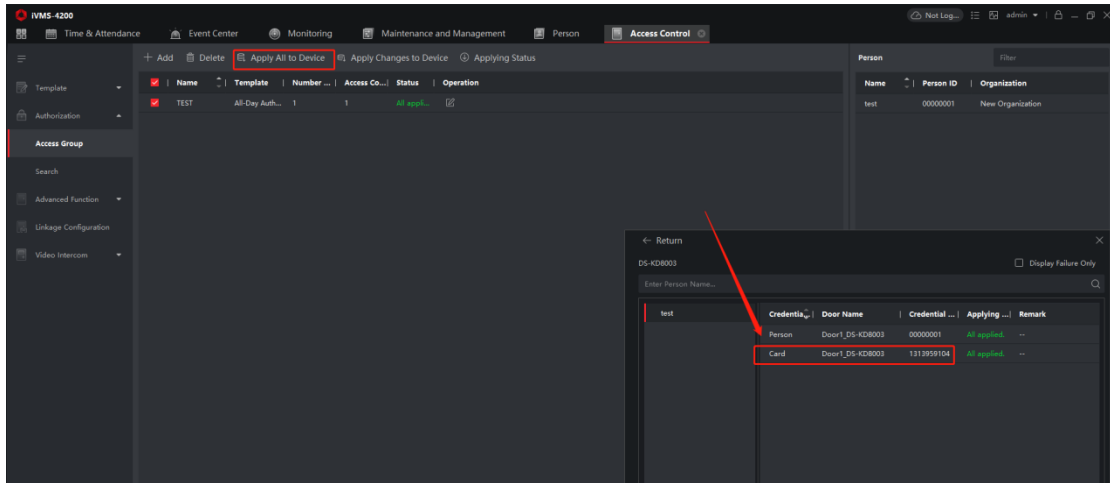
第四步：创建人员，resident information 填入对应卡片持有人的楼层号和房间号。

Step 4: Create a person, fill in the floor number and room number of the corresponding card holder in the resident information.

第五步：下发人员到门口机，这里主控人员不用下发。因为门口机刷卡把楼层信息传递给主控，主控根据楼层联动继电器。

Step 5: Send the personnel to the door station, where the main control personnel do not need to send. Because the door machine swipes the card to transmit the floor information to the main control, and the main control links the relay according to the floor.
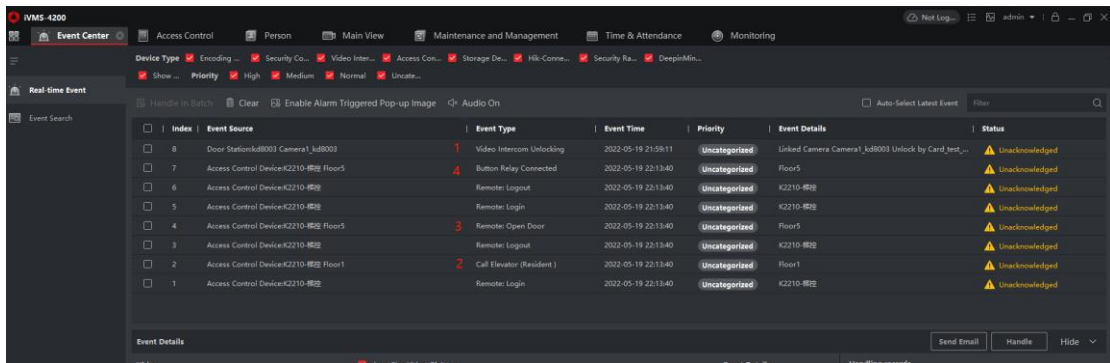
4、验证

4. Verify

当卡刷 8003 门口机时，住户 5 楼的信息会传递给主控产生对应楼层事件，联动对应楼层拖拽进来的继电器。

When the 8003 door phone is swiped, the information on the 5th floor of the resident will be transmitted to the main controller to generate the corresponding floor event, and the corresponding floor will be linked to the relay dragged in.

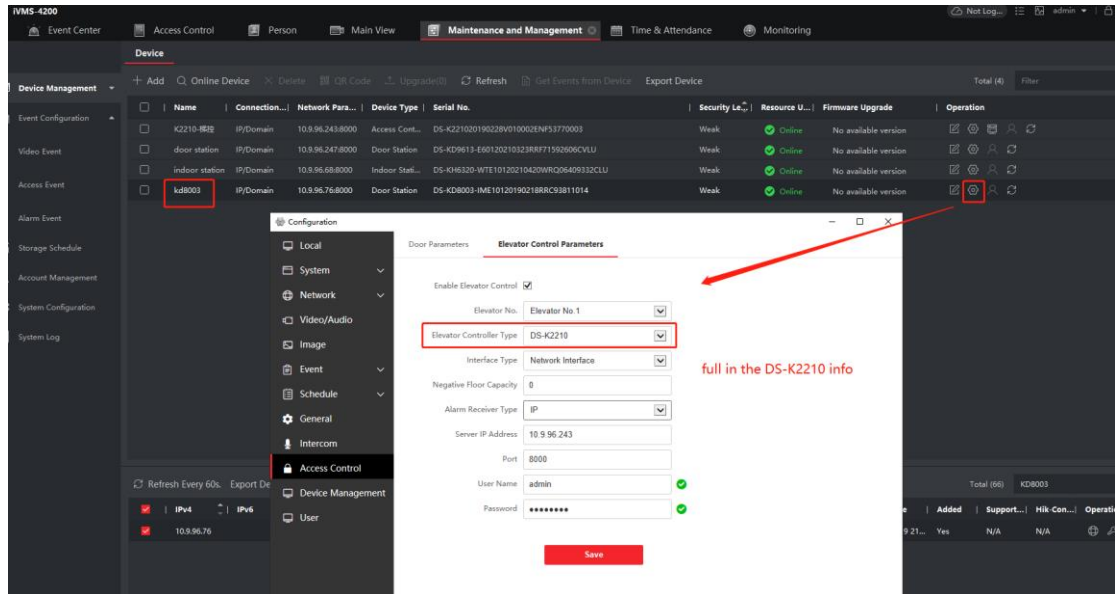下面为刷卡认证通过，楼层权限 floor5 联动对应的继电器输出。(继电器一直保持连接状态)

The following is the relay output corresponding to the swipe card authentication and the linkage of the floor authority floor5. (The relay remains connected all the time)

Tips

1、门口机要传输楼层信息给梯控，需要在门口机添加上主控的信息。
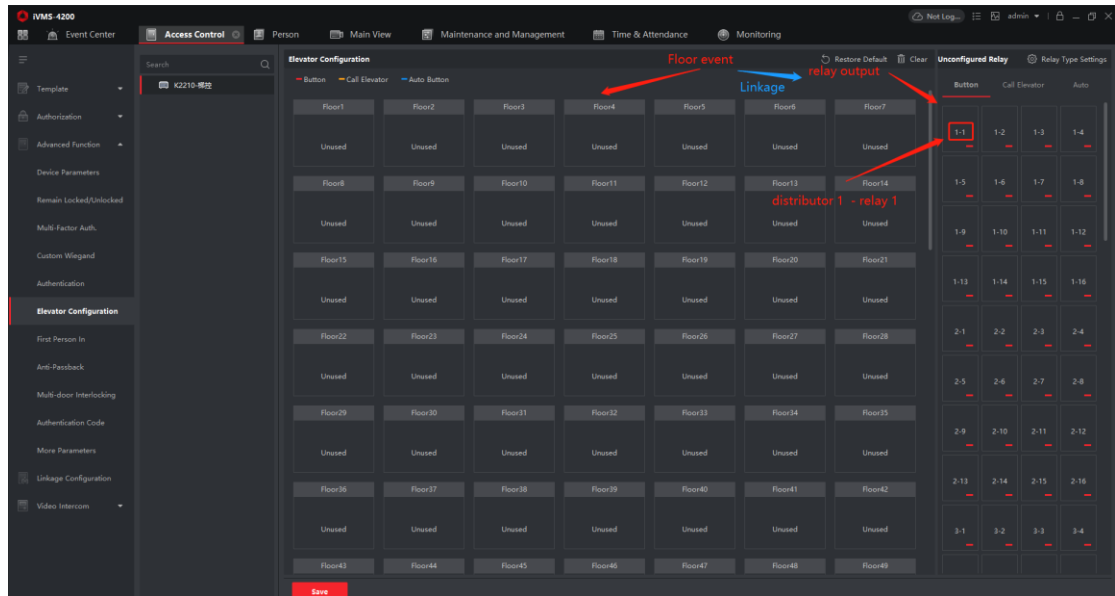
1. To transmit floor information to the elevator control, the door station needs to add the main control information to the door station.

2、楼层联动对应分控的继电器输出，如果不配置，那么主控收到的楼层事件不会去联动相应分控的继电器。

2. The floor linkage corresponds to the relay output of the sub-control. If it is not configured, the floor event received by the main control will not be linked to the corresponding sub-control relay.

Not Log... | admin ▼

Event Center | Access Control | Person | Main View | Maintenance and Management | Time & Attendance | Monitoring

Event Center | Type ✓ Encoding ... ✓ Security Co... ✓ Video Inter... ✓ Access Con... ✓ Storage De... ✓ Hik-Conne... ✓ Security Ra... ✓ DeepinMin...

Real-time Event

✓ Show ... | Priority ✓ High ✓ Medium ✓ Normal ✓ Uncate...

Event Search

Handle in Batch | Clear | Enable Alarm Triggered Pop-up Image | Audio On | ☐ Auto-Select Latest Event | Filter

☐	Index	Event Source	Event Type	Event Time	Priority	Event Details	Status
☐	7	Door Station:kd8003 Camera1_kd8003	**1** Video Intercom Unlocking	2022-05-19 22:04:57	Uncategorized	Linked Camera Camera1_kd8003 Unlock by Card_test_...	⚠ Unacknowledged
☐	6	Access Control Device:K2210-梯控	Remote: Logout	2022-05-19 22:19:26	Uncategorized	K2210-梯控	⚠ Unacknowledged
☐	5	Access Control Device:K2210-梯控	Remote: Login	2022-05-19 22:19:26	Uncategorized	K2210-梯控	⚠ Unacknowledged
☐	4	Access Control Device:K2210-梯控 Floor5	**3** Remote: Open Door	2022-05-19 22:19:26	Uncategorized	Floor5	⚠ Unacknowledged
☐	3	Access Control Device:K2210-梯控	Remote: Logout	2022-05-19 22:19:26	Uncategorized	K2210-梯控	⚠ Unacknowledged
☐	2	Access Control Device:K2210-梯控 Floor1	**2** Call Elevator (Resident)	2022-05-19 22:19:26	Uncategorized	Floor1	⚠ Unacknowledged
☐	1	Access Control Device:K2210-梯控	Remote: Login	2022-05-19 22:19:26	Uncategorized	K2210-梯控	⚠ Unacknowledged

relay connected event not produce