


如何配置可视对讲外接 485 读卡器和门锁\ How to configure the 485 card reader and door lock to connect the video intercom

介绍: 基于可视对讲门口机外接 485 读卡器和门锁, 本文以门口机型号 DS-KV8113-WME1(B) V2.2.53 build 210907、室内机型号 DS-KH8350-WTE1 V2.1.2 build 191014、读卡器型号 DS-K1108MK V2.1.0_200904、电磁锁型号 DS-K4H2501 作为例子。适用于其他可视对讲外接 485 读卡器和门锁的设备。

Introduction: Based on visual intercom, the villa door station is externally connected with 485 card reader and door lock, this article uses the villa door station model DS-KV8113-WME1(B) V2.2.53 build 210907 and the indoor station model DS-KH8350-WTE1 V2.1.2 Build 191014, card reader model DS-K1108MK V2.1.0_200904, electromagnetic lock model DS-K4H2501 as examples. It is suitable for other video intercom devices with external 485 card reader and door lock.

DS-KV8113-WME1(B) [Home](#) > [Video Intercom Products](#) > [IP Series](#) > [Pro Series](#) >




1 Button Metal Villa Door Station

- Support Wifi, convenient setting up and no wiring required
- Support web configuration
- Aluminum alloy, Nice industry design, IP65, IK08, 3 indicator integrated
- Internal Mifare card reader, 1-ch Indoor station access control
- Noise suppression and echo cancellation
- 2MP HD Camera with IR supplement
- Standard PoE/12 VDC

[Add to Favorites](#)

Contact Us

DS-KH8350-WTE1 [Home](#) > [Video Intercom Products](#) > [IP Series](#) > [Pro Series](#) >

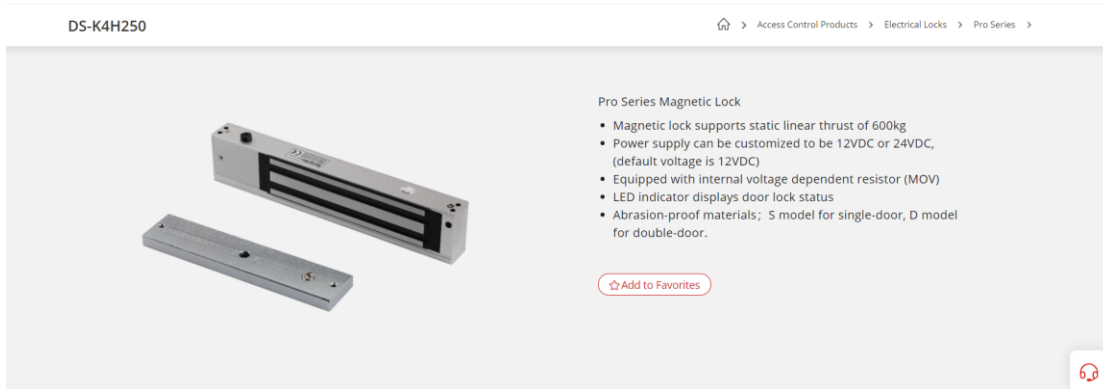


KH8 Series Indoor Station

- IP indoor station
- Reddot award 2017 winner, 7" Touch-Screen Indoor Station
- Wi-Fi (for W version), standard PoE/ 12 VDC
- TF card, max 32G, for capture while video calling
- 8-ch alarm input , 2 alarm output, 1x485
- Remote unlocking via the client or the APP
- Views live videos of door stations and external cameras

[Add to Favorites](#)

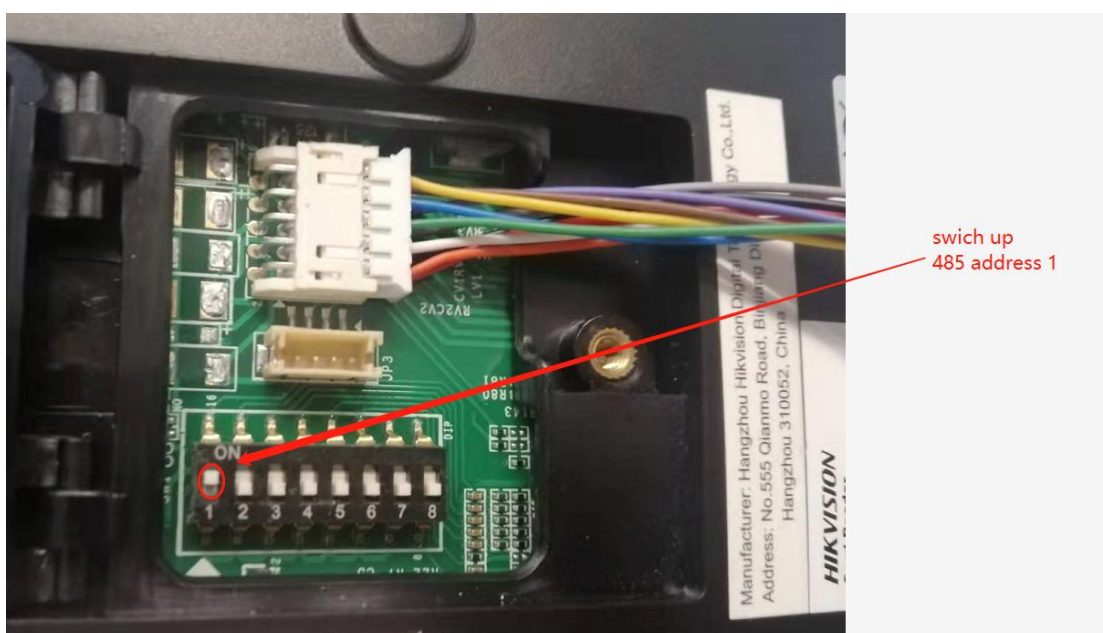
Contact Us



一、接线 Wiring

第一步：首先对读卡器进行拨码，将读卡器背面的 DIP 拨码到 485 地址 1，如下图。

Step 1: First dial the card reader, dial the DIP on the back of the card reader to 485 address 1, as shown in the figure below.

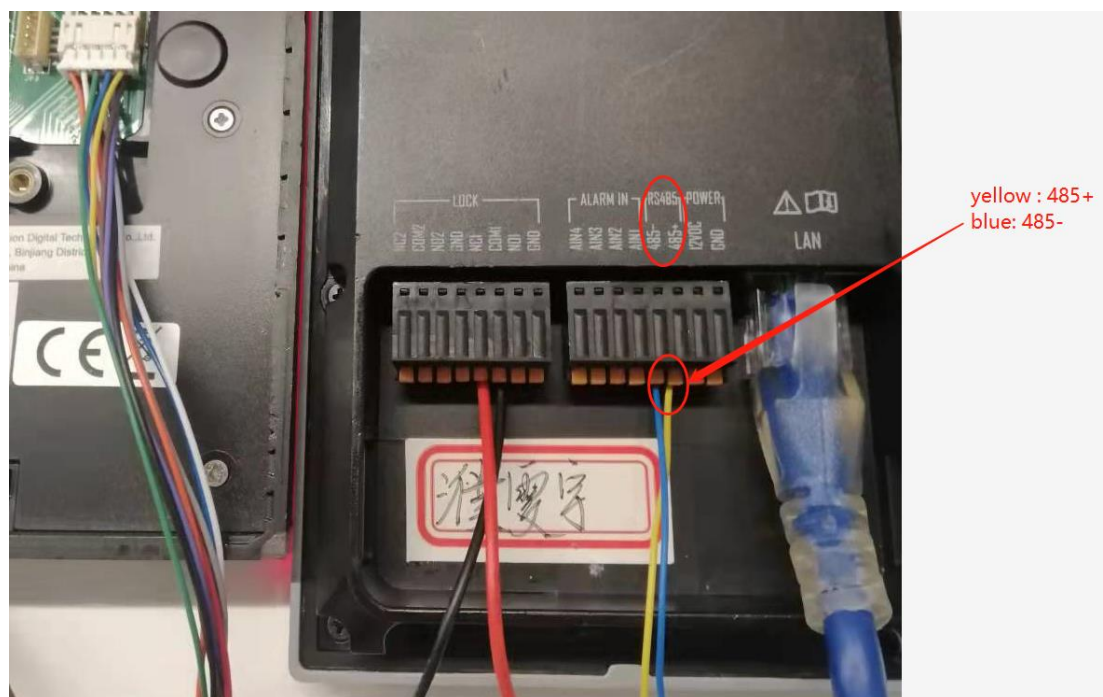


Tips: 这里的读卡器拨码地址为 1 表示开门锁 1，如果设置为 2 表示开门锁 2，其他地址默认开锁 1，地址 0 无效。

Tips: Here, the card reader's dial code address is 1 to open the door lock 1, if set as 2 to open the door lock 2, other addresses default to unlock 1, and address 0 is invalid.

第二步：门口机和读卡器的 485 线一起对接，如下图。

Step 2: Connect the door station and the 485 line of the card reader together, as shown in the figure below.

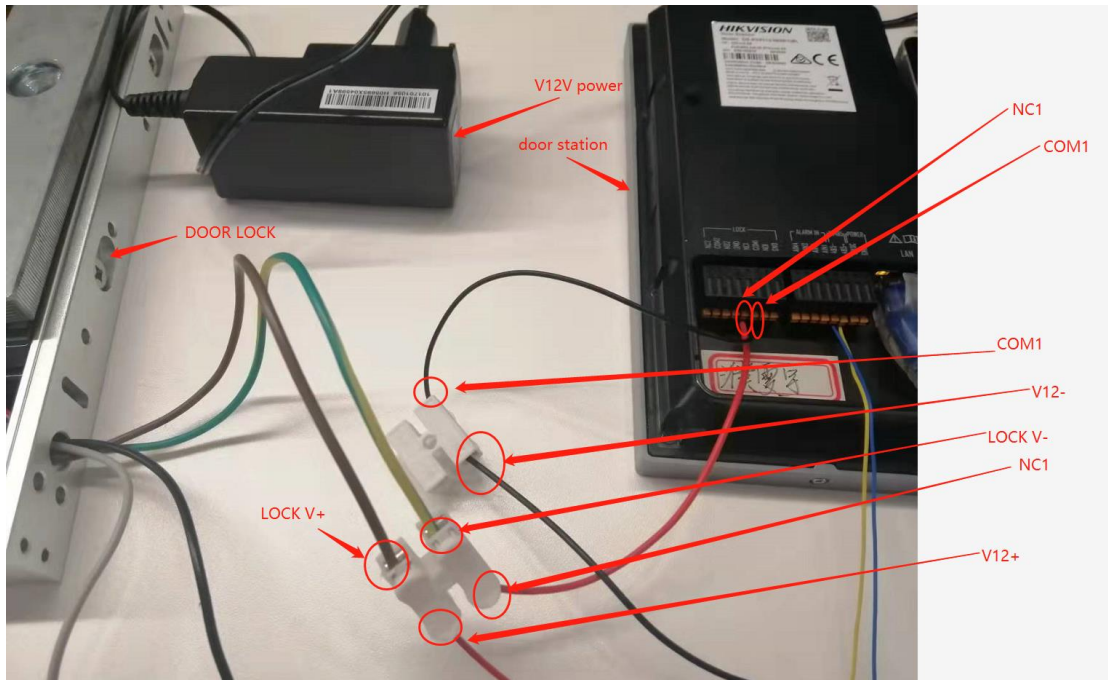


Tips: 一般 485 的线就是黄 485+、蓝 485-，不要相互接反。

Tips: Generally, the 485 lines are yellow 485+ and blue 485-, do not connect them in reverse.

第三步：门口机和门锁接线，如下图。

Step 3: Wiring the door station and the door lock, as shown in the figure below.



Tips: 注意这里需要串上一个 12V 电源，使得正常状态下常闭，当刷卡开门时，继电器输出常开信号，使得门锁失电开锁。这里以接门锁 1 为例，门锁 2 同理。

Tips: Note that the 12V power supply needs to be connected here to make it normally closed under normal conditions. When the card is swiped to open the door, the relay outputs a normally open signal to make the door lock open when it loses power. Here, take the door lock 1 as an example, and the door lock 2 is the same.

二、配置 Configuration

第一步：可视对讲配置，将门口机和室内机添加到 4200 后，室内机注册到门口机。也可以通过室内机 wizard 端配置将室内机注册至门口机。（请参考相关 How to 文档）

Step 1: Video intercom configuration, after adding the door phone and indoor phone to the 4200, the indoor phone is registered to the door station. It is also possible to register the indoor station to the door station through the configuration of the indoor station wizard. (please refer to relevant How to documents)

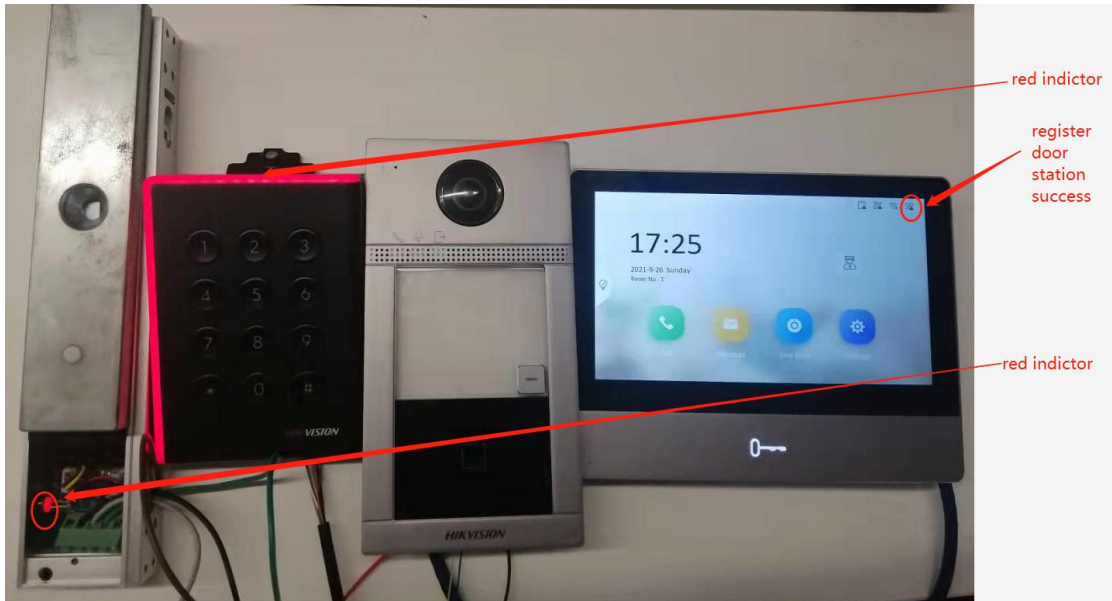
Name	Connection...	Network Para...	Device Type	Serial No.	Security Le...	Resource U...	Firmware Upgrade	Operation
KH6320	IP/Domain	10.9.96.253:8000	Indoor Stati...	DS-KH8350-WTE1012021...	Weak	Online	No available version	✎ ⚙️ 👤 ↻
KV8113(B)	IP/Domain	10.9.96.18:8000	Door Station	DS-KV8113-WME1(B)012...	Weak	Online	No available version	✎ ⚙️ 👤 ↻

三、检查设备状态 Check the Status of the Device

检查门锁、外接读卡器和门口机的状态判断是否已准备就绪。外接读卡器红灯常亮、门

锁指示灯常亮，室内机显示 SIP（表示已经注册成功至门口机）。

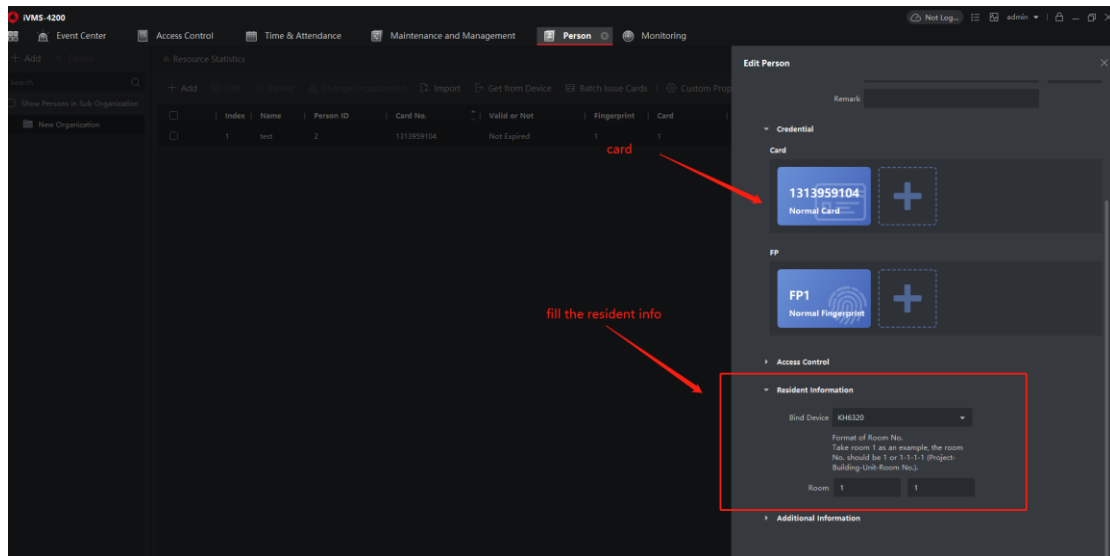
Check the status of the door lock, external card reader and door station to determine whether it is ready. The red light of the external card reader is always on, the door lock indicator is always on, and the indoor station displays SIP icon (indicating that it has been successfully registered to the door station).



四、下发人员 Issuing Staff

第一步：4200 注册人员的卡号。

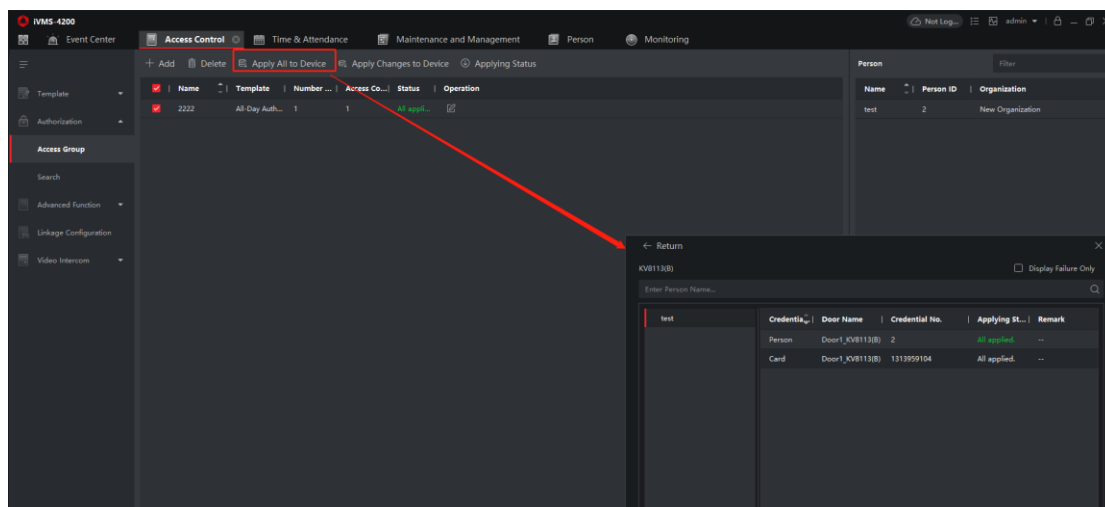
Step 1: The card number of 4200 registered personnel.



第二步：下发人员到门口机，别忘记填写住户信息，否则会下发人员失败。

Step 2: Distribute personnel to the door station. Don't forget to fill in the resident information,

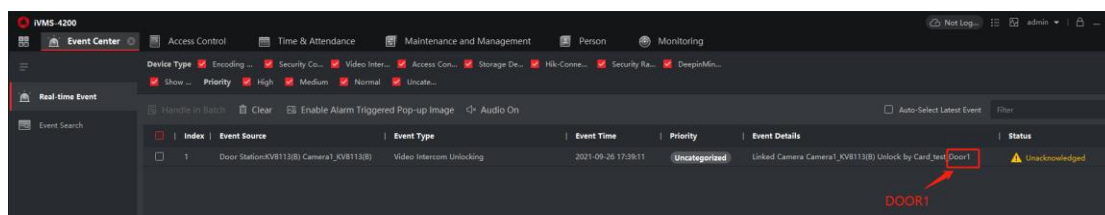
otherwise the dispatch of personnel will fail.



五、刷卡验证 Verification of the Swipe Card

从实时事件中心能够看到外接读卡器的刷卡记录。

From the real-time event center, you can see the card swiping records of the external card reader.

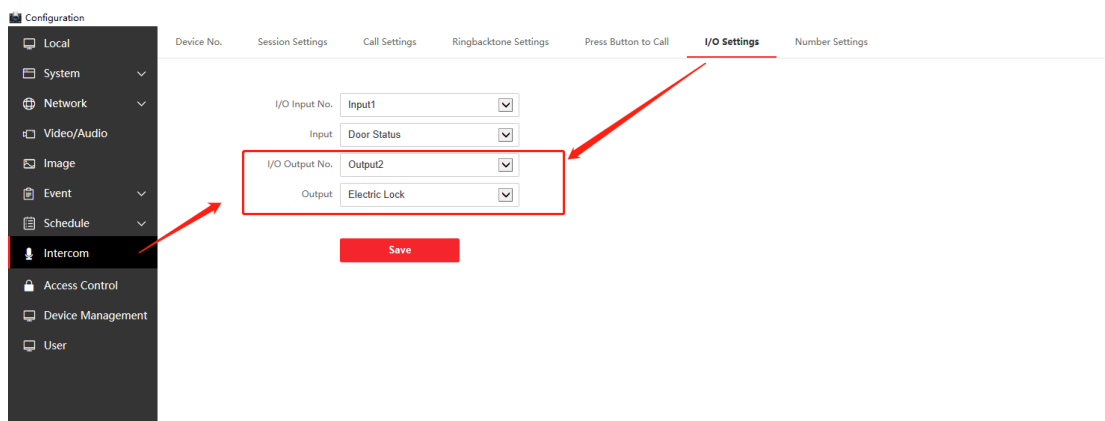


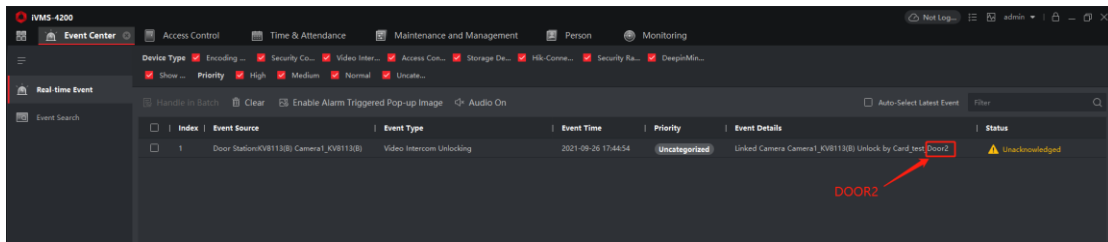
注意

1、读卡器 485 地址为 2，需要使能第二把锁。

Note

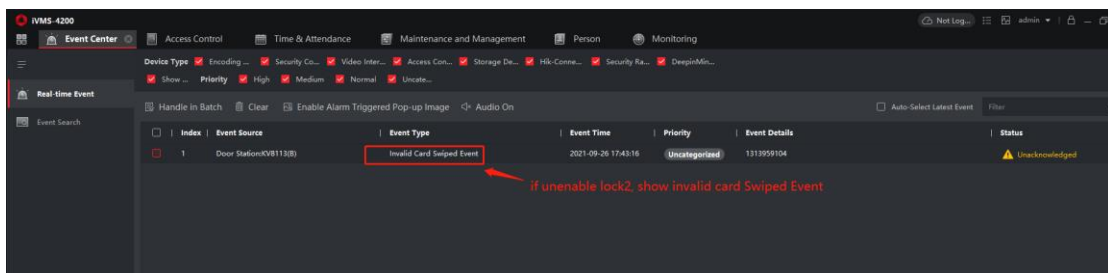
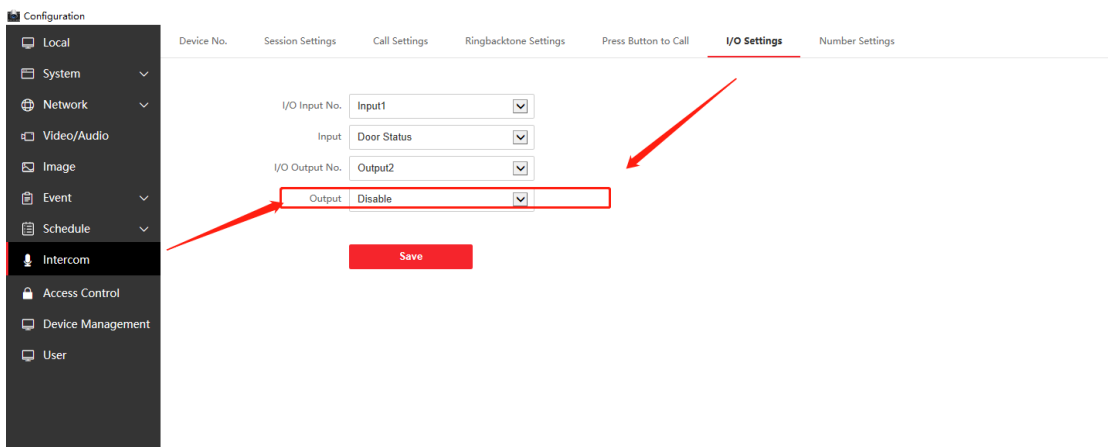
1. The 485 address of the card reader is 2, and the second lock needs to be enabled.





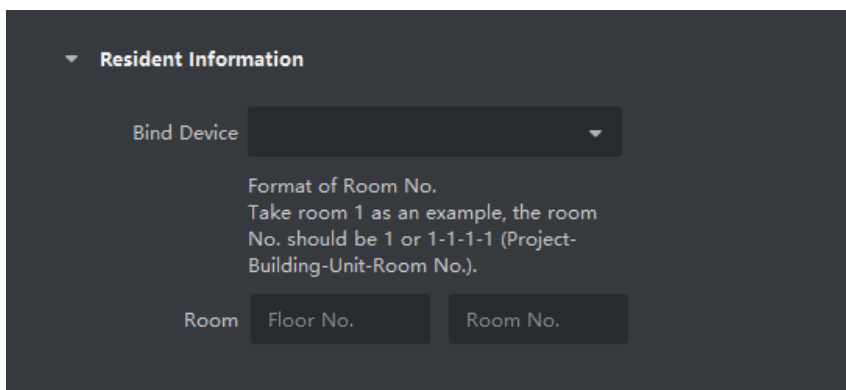
Tips: 如果外接读卡器 485 地址为 2，但是没有使能第二把锁，会报如下错误。

Tips: If the 485 address of the external card reader is 2, but the second lock is not enabled, the following error will be reported.



2、如果下发人员不填写人员的 resident information， 下发人员会失败。

2. If the issuing staff does not fill in the resident information of the staff, the issuing staff will fail.



Applying Status



Input the device name....



Name	Progress	Result	Remark
KV8113(B)	100%	Applying failed.	Details

