

Modular Firmware V2.2.62_230204 Release Note

(2023-02-10)

Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	V2.2.62_230204
iVMS-4200 Version	Latest version

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements.

New Features

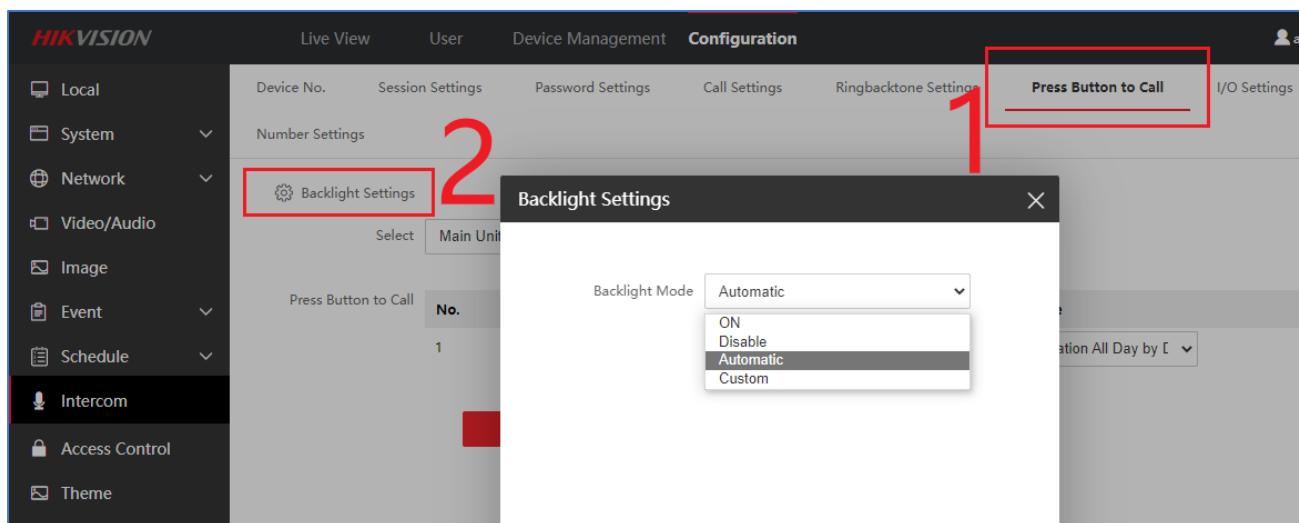
1. Add sub module **backlight** control: 4 modes (close, open, auto and custom), support DS-KD-KK, DS-KD-KP, DS-KD-INFO modules

Close: always OFF

Open: always ON

Auto: ON and OFF according to the ambient light brightness

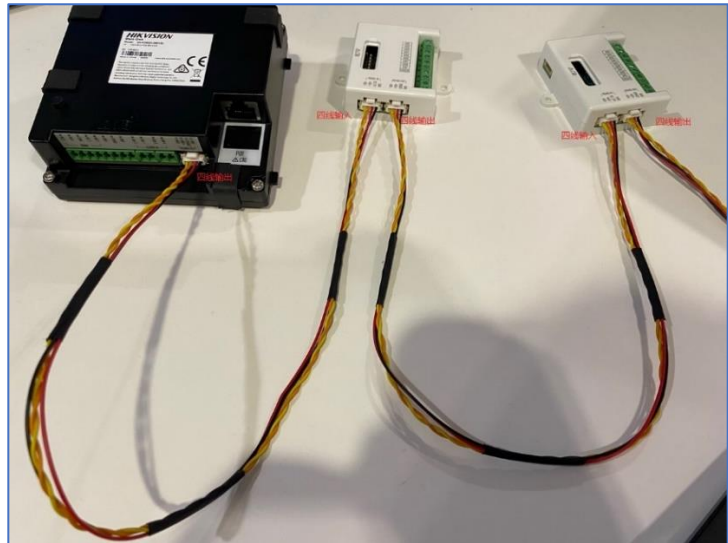
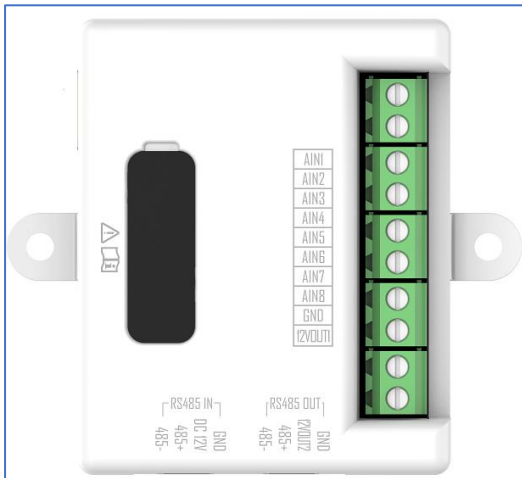
Custom: ON and OFF according to configured time schedule



2. Compatible with new button extending sub module DS-KD-AL8, the module is configured and upgrade firmware from main module KD8003 remote configuration, you can link the alarm input No. to indoor station room No., once the input is triggered (short connected), the linked indoor station will be called.

Note:

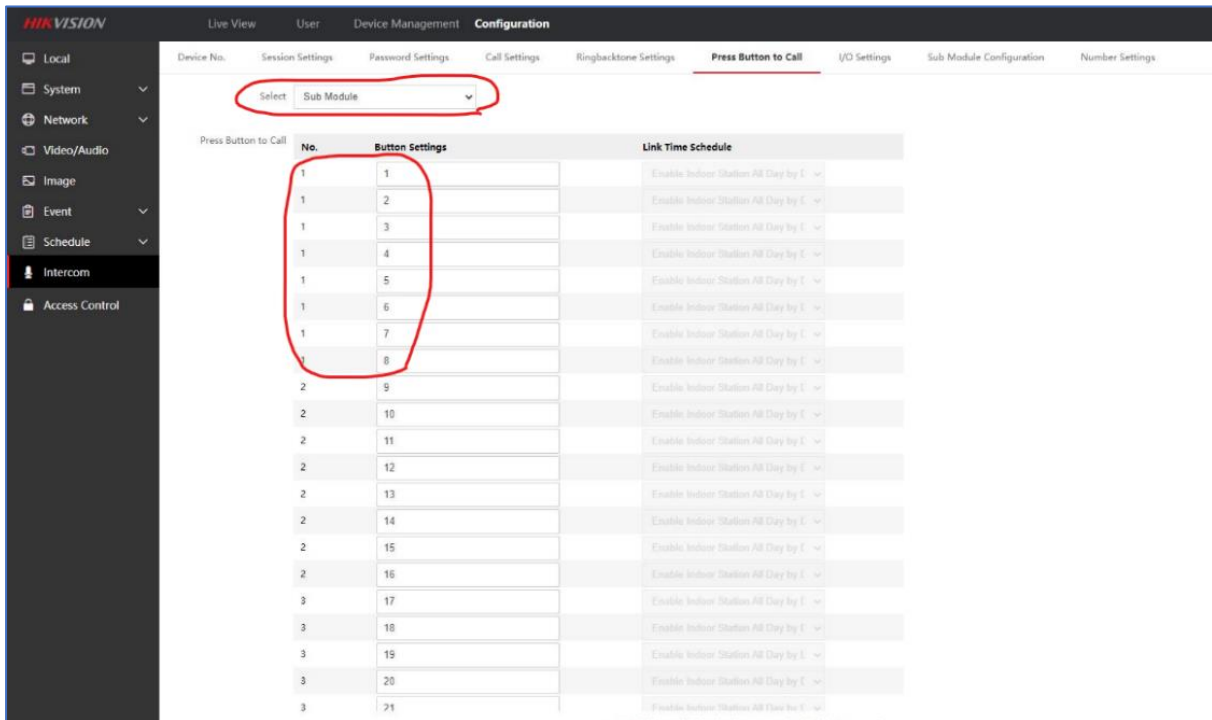
- Maximum support 20 button extending modules cascading
- Each DS-KD-AL8 support 8 alarm input signal, so totally maximum 160 alarm inputs can be connected to one KD8003.
- Each module should have a unique DIP switch address.
- Make sure all modules are connected and each use unique DIP settings before power on the main module KD8003



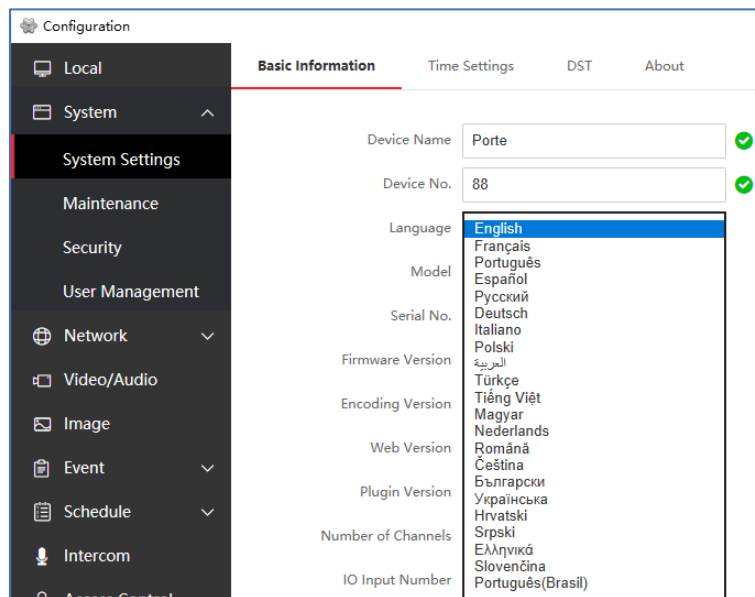
HIKVISION Configuration

Sub Module Configuration

No.	Module type	Status	Version	Operation
1	Nametag Module	Online	V2.0.0 build221121	⊗
2	Nametag Module	Online	V2.0.0 build221121	⊗
3	Nametag Module	Online	V2.0.0 build221121	⊗
4	Nametag Module	Online	V2.0.0 build221121	⊗
5	Nametag Module	Online	V2.0.0 build221121	⊗
6	Nametag Module	Online	V2.0.0 build221121	⊗
7	Nametag Module	Online	V2.0.0 build221121	⊗
8	Nametag Module	Online	V2.0.0 build221121	⊗
9	Nametag Module	Online	V2.0.0 build221121	⊗
10	Nametag Module	Online	V2.0.0 build221121	⊗
11	Nametag Module	Online	V2.0.0 build221121	⊗
12	Nametag Module	Online	V2.0.0 build221121	⊗
13	Nametag Module	Online	V2.0.0 build221121	⊗
14	Nametag Module	Online	V2.0.0 build221121	⊗
15	Nametag Module	Online	V2.0.0 build221121	⊗
16	Nametag Module	Online	V2.0.0 build221121	⊗
17	Nametag Module	Online	V2.0.0 build221121	⊗
18	Nametag Module	Online	V2.0.0 build221121	⊗
Total 18				



3. Support Portuguese language



4. Support capture device image through ISAPI protocol.

/ISAPI/Streaming/channels/1/picture?snapshotImageType=JPEG&videoResolutionWidth=1280&videoResolutionHeight=720&imageQuality=better

snapshotImageType: picture format, only support JPEG now

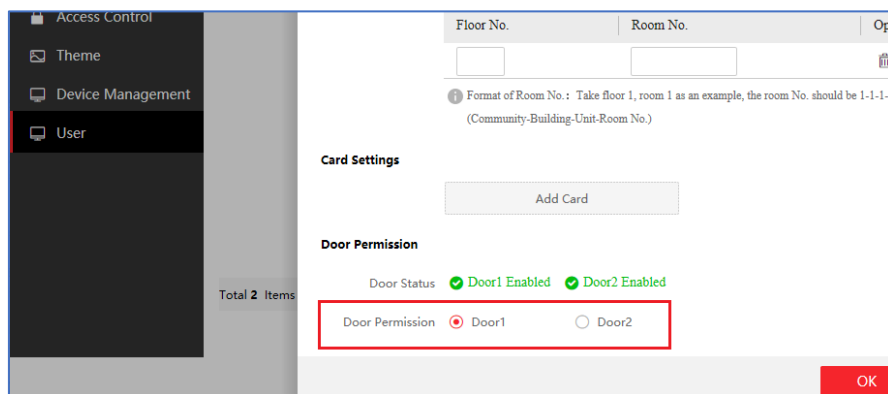
videoResolutionWidth: videoResolutionHeight: picture resolution, if not use this parameter, by default it's 704*576. Supported resolution: 1280*720, 704*576, 704*480, 352*288, 352*240, 176*144, 176*120

imageQuality: support best, better, normal, general

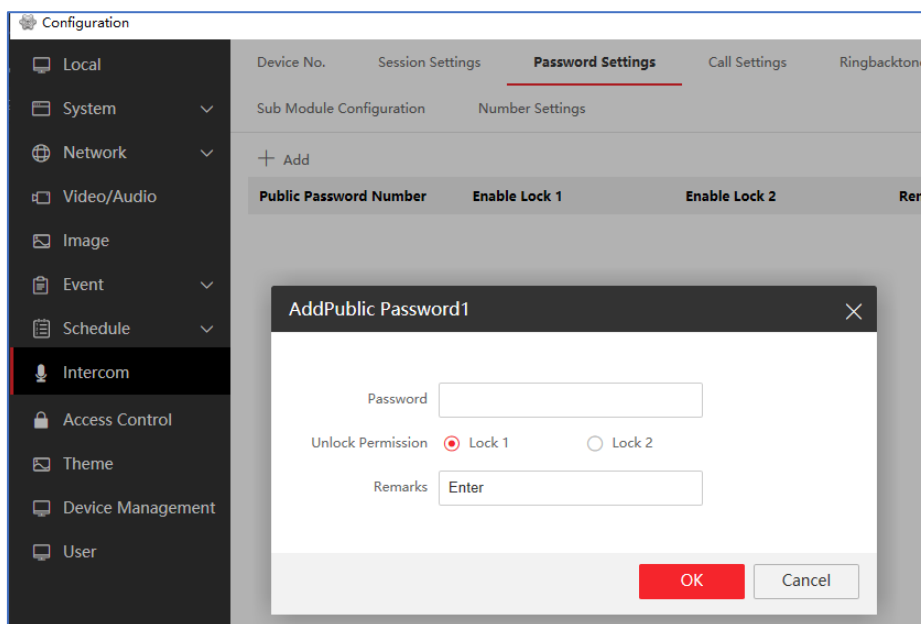
Modified Features

1. Support swipe card to open lock2: when adding new person, you can link to lock 1 or lock 2, and after swipe card, the related lock will be open.

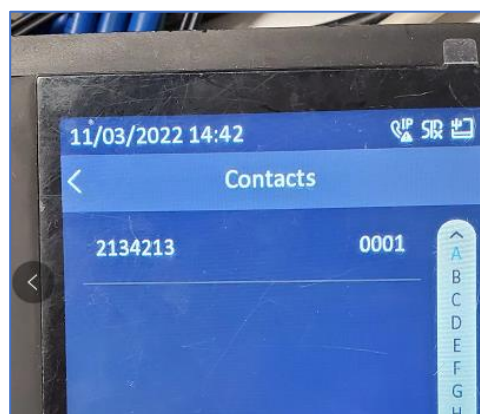
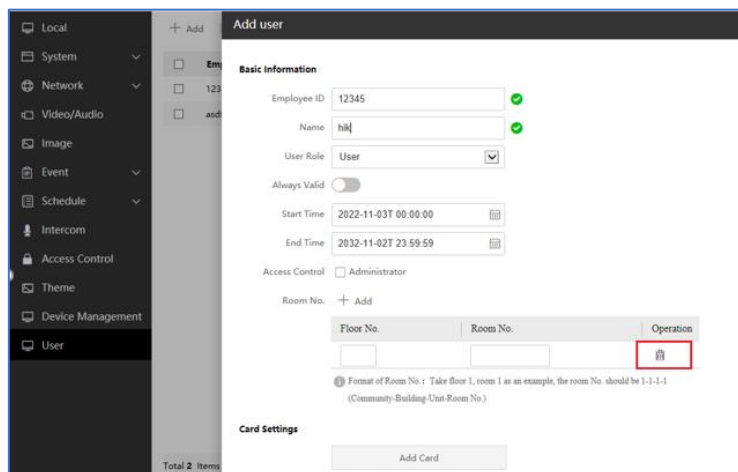
Note: before the lock was linked to card module DIP switch, now we cancelled this logic so that we can open different lock with same card module.



2. Support open door1 and door2 with different public password on same keypad DS-KD-KP or DS-KD-TD module.



3. When open door2 with card or public password, but door2 is not enabled from main module KD8003, the device will prompt “Bi-Bi” sound and will not upload any event to iVMS or HikCentral (device will upload “invalid card” event in previous version firmware)
4. Support not showing the person in DS-KD-DIS and KD-TDM module
When adding person, if you don't input the room No., this person will not be displayed in KD-DIS or KD-TD/TDE/TDM module



Employee ID	User Type	Name	Floor No.	Room No.	Card Number.	Start Time	End Time	Operation
123454	User	uhih			0	2022-11-03T00:00:00	2032-11-02T23:59:59	
asdfasdf	User	2134213	1	1-1-1	0	2022-11-03T00:00:00	2032-11-02T23:59:59	

5. Device name support multi-language, it will be shown in indoor station live view page
6. Modified the KD-IN indicator module light control logic, the light status is same as lock relay status (it was door magnetic status in previous firmware)
7. Fixed issue that DS-KD-DIS module screen occasional hang and contact list not updating
8. Fixed issue that touch display module occasional not show unlock icon.
9. Improved door contact input interface detection sensitivity
10. Fixed issue that sub door station can't open door with public password

Modular Firmware V2.2.56_220713 Release Note (2022-07-13)

Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	V2.2.56_220713
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

FIX

1. Supports CS registration mode in SIP registration, support clients initiate registration just once to the server to

finish the registration

The screenshot shows the HIKVISION web interface. The top navigation bar includes 'Live View', 'User', 'Device Management', and 'Configuration'. The left sidebar has a menu with 'Local', 'System', 'Network', 'Basic Settings', 'Advanced', 'Video/Audio', 'Image', 'Event', 'Schedule', 'Intercom', and 'Access Control'. The main content area is titled 'SIP' and contains the following settings:

- Enable VOIP Gateway
- Register User Name:
- Registration Password:
- Server Address:
- Server Port:
- Expiry Time: minute(s)
- Register Status:
- Number:
- Display User Name:

A red 'Save' button is located at the bottom center of the configuration area.

2. Supports multi-language switching without device rebooting.
3. Fixed the problem that the actual lock time is more than the set duration of 1 second.

Modular Firmware V2.2.56_220607 Release Note (2022-06-20)

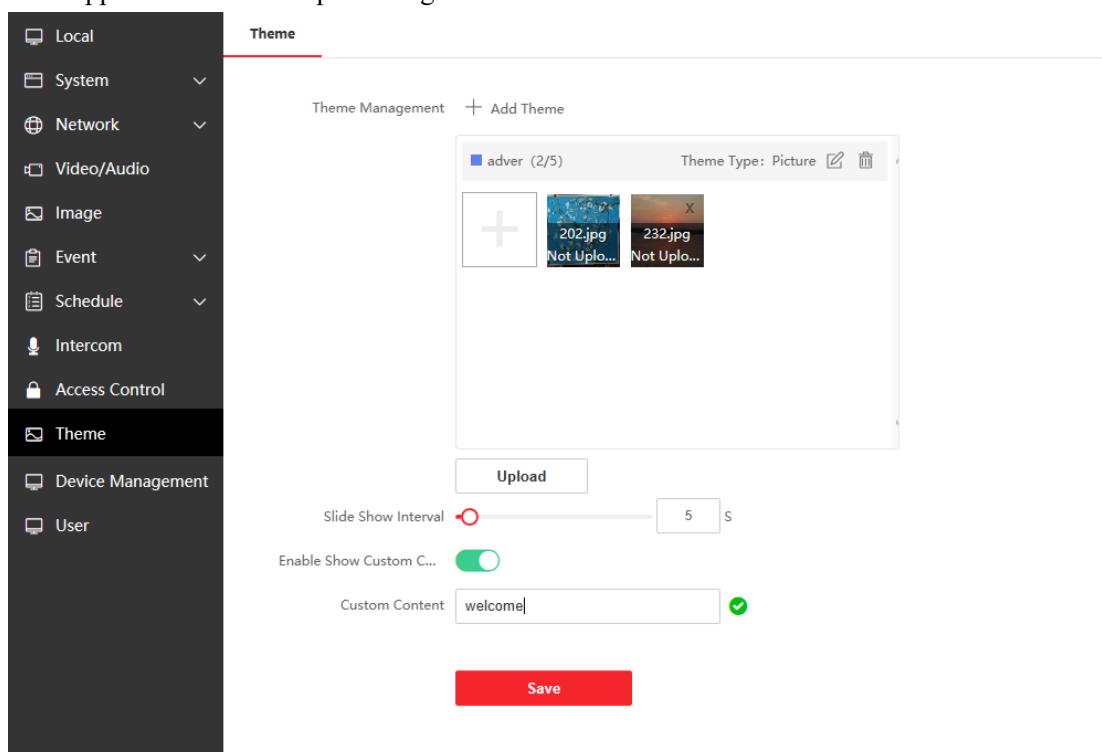
Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	V2.2.56_220607
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

New

1. Compatible with the Touching Modules:

- DS-KD-TD version: V1.0.1_220607
- DS-KD-TDM version: V1.0.1_220607
- DS-KD-TDE version: V1.0.1_220607

2. Support advertisement publishing.



Fix

1. The card compatibility was optimized from 10000 to 6000.
2. All the user information will be listed when searching by “%”.

Modular Firmware V2.2.52_220518 Release Note (2022-05-30)

Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	V2.2.52_220518
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

3. Compatible with the new version Indoor Stations:

- DS-KH9310-WTE1(B)
- DS-KH9510-WTE1(B)
- DS-KH6350-WTE1

- DS-KH6350-TE1
 - DS-KH6320-LE1(B)
 - DS-KH6320-LE1(B)/White
 - DS-KH6320-TE1(B)
 - DS-KH6320-WTE1(B)
 - DS-KH6360-TE1
4. Compatible with more card reader models:
- DS-K1108AD
5. Fix the problem that standard SIP cannot be automatically registered after restarting.

Modular Firmware V2.2.52_211126 Release Note (2021-11-28)

Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	Modular Door Station: V2.2.52_211126
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Fix

1. Fixed some bugs.

Modular Firmware V2.2.50_210728 Release Note (2021-07-15)

Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	Modular Door Station: V2.2.50_210728
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Modify

- 1、 **Since V2.2.50_210728, remote degradation of devices is not supported in all subsequent versions.** When degradation occurs, it will prompt Upgrading failed.

Notice: Although the device can be degraded by serial port, the device will fail to start and cannot change the version by using serial port again, which means that the device will be completely unusable.

The screenshot shows the Hikvision maintenance interface. On the left is a dark sidebar menu with options: Local, System, System Settings, Maintenance (highlighted), Security, User Management, Network, Video/Audio, Image, Event, Schedule, Intercom, Access Control, Device Management, and User. The main content area is titled "Upgrade & Maintenance" and contains several sections: "Reboot" with a "Reboot" button; "Restore Parameters" with "Default" and "Restore All" buttons; "Export" with a "Device Param" dropdown and an "Export" button; "Import Config File" with a "Device Param" dropdown, a file input field, and an "Import" button; and "Upgrade" with a "Controller" dropdown, a file input field containing "C:\Users\puwenyu\Music\VIS_OUTDC", and an "Upgrade" button. A red notification box at the top says "Upgrading failed." Below the "Upgrade" section, a note states: "Note: The upgrading process will be 1 to 10 minutes, please don't disconnect power to the device during the upgrading process."

- 2、Newly support for French voice prompt "calling", "the line is busy" and "the door is open"
- 3、The method of adding sub door station is changed to the same method as protocol 1.0. (Fill in the Main Door Station IP and Registration Password in the configuration interface of Sub Door Station)

The screenshot shows the Hikvision intercom configuration interface. The left sidebar menu is the same as in the previous image, with "Intercom" highlighted. The main content area has tabs for "Device No.", "Session Settings", "Time Parameters", "Ringbacktone Settings", "Press Button to Call", and "I/O Settings". Under "Device No.", there are sub-sections for "Sub Module Configuration" and "Number Settings". The "Sub Module Configuration" section contains: "Device Type" dropdown set to "Door Station"; "Floor No." dropdown set to "1"; and "Door Station No." input field containing "1", which is highlighted with a red border. Below this is an "Advanced Settings" section with a dropdown arrow. At the bottom center is a red "Save" button.

Device No. **Session Settings** Time Parameters Ringbacktone Settings Press Button to Call I/O Settings

Sub Module Configuration Number Settings

Registration Password

Main Door Station IP

Main Station IP

Center IP

Save

- Local
- System
- Network
- Video/Audio
- Image
- Event
- Schedule
- Intercom**
- Access Control
- User

Note: you can refer to the attached file below about how to add a Sub door station.



How to add a single sub door station

Modular Firmware V2.2.13_210129 Release Note (2021-02-07)

Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	Modular Door Station: V2.2.13_210129
iVMS-4200 Version	Latest version
Hik-Connect APP	Latest version

Modify

1. Optimize RS485 communication efficiency with sub-module

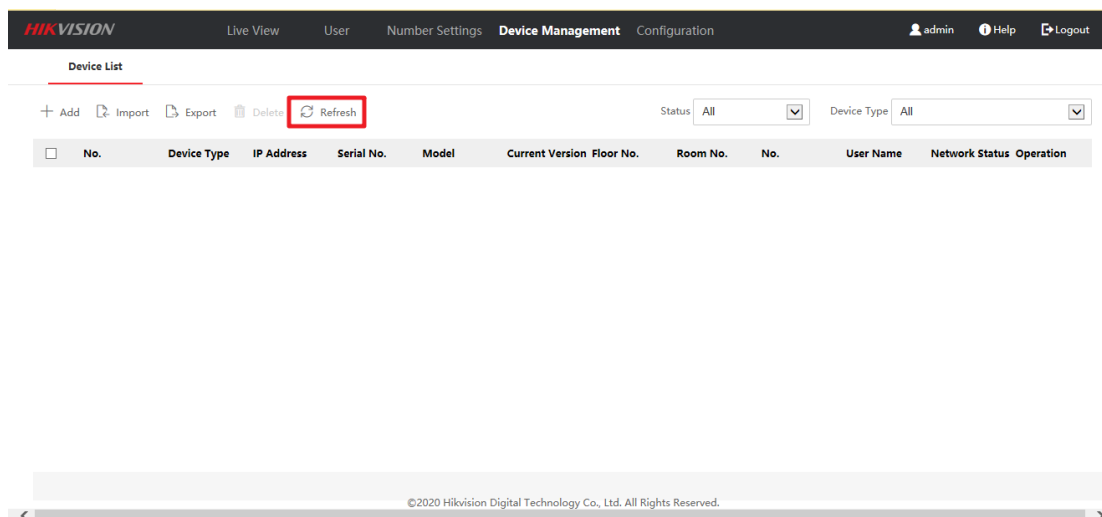
Modular Firmware V2.2.13_201222 Release Note

(2021-01-05)

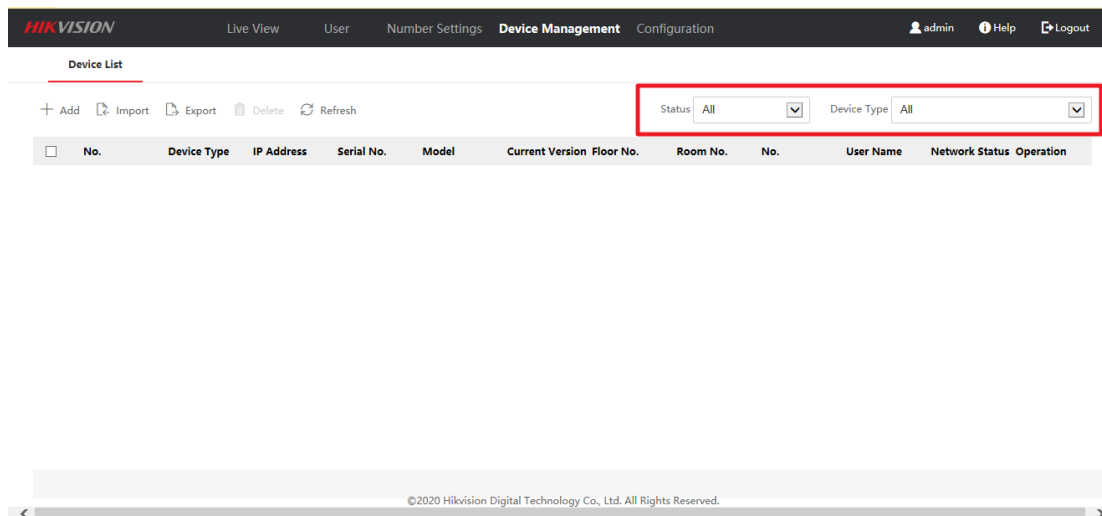
Device Model	DS-KD8003-IME1、DS-KD8003-IME2
Firmware Version	Modular Door Station: V2.2.13_201222
iVMS-4200 Version	3..5.x.x Build21xxxx
Hik-Connect APP	4..11.0.927220

New Function

1. New refresh button is used to refresh the status of added devices

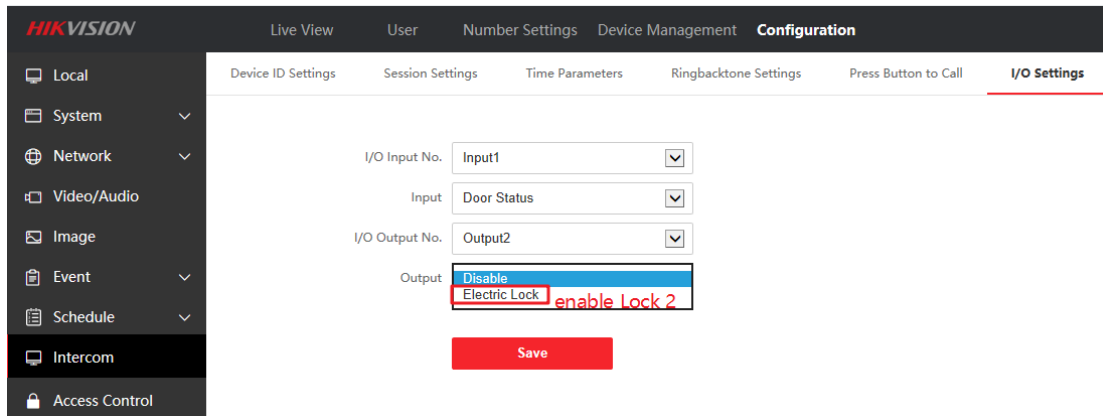


2. Added 'All' option, indoor station and sub-door station will be displayed together.



Modify

1. Modify the language display of some errors



The screenshot shows the Hikvision configuration interface. The top navigation bar includes 'Live View', 'User', 'Number Settings', 'Device Management', and 'Configuration'. The left sidebar lists various settings categories: Local, System, Network, Video/Audio, Image, Event, Schedule, Intercom, and Access Control. The main content area is titled 'I/O Settings' and contains the following fields:

- I/O Input No.: Input1
- Input: Door Status
- I/O Output No.: Output2
- Output: A dropdown menu with options 'Disable', 'Electric Lock', and 'enable Lock 2'. The 'enable Lock 2' option is highlighted in red.

A red 'Save' button is located below the 'Output' dropdown menu.

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action.

For any questions and request for this firmware, please contact our local technical support team.

Note:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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