Indoor Station Firmware Release Note

(2025-02-07)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1，DS-KH6360-TE1, DS-KH6360-WTE1,
Firmware Version	V2.2.100_build250114

Note： if the device firmware is earlier than V2.2.92_build241008, please upgrade to V2.2.92 first, and then upgrade it newer version, or the upgrade will be failed.

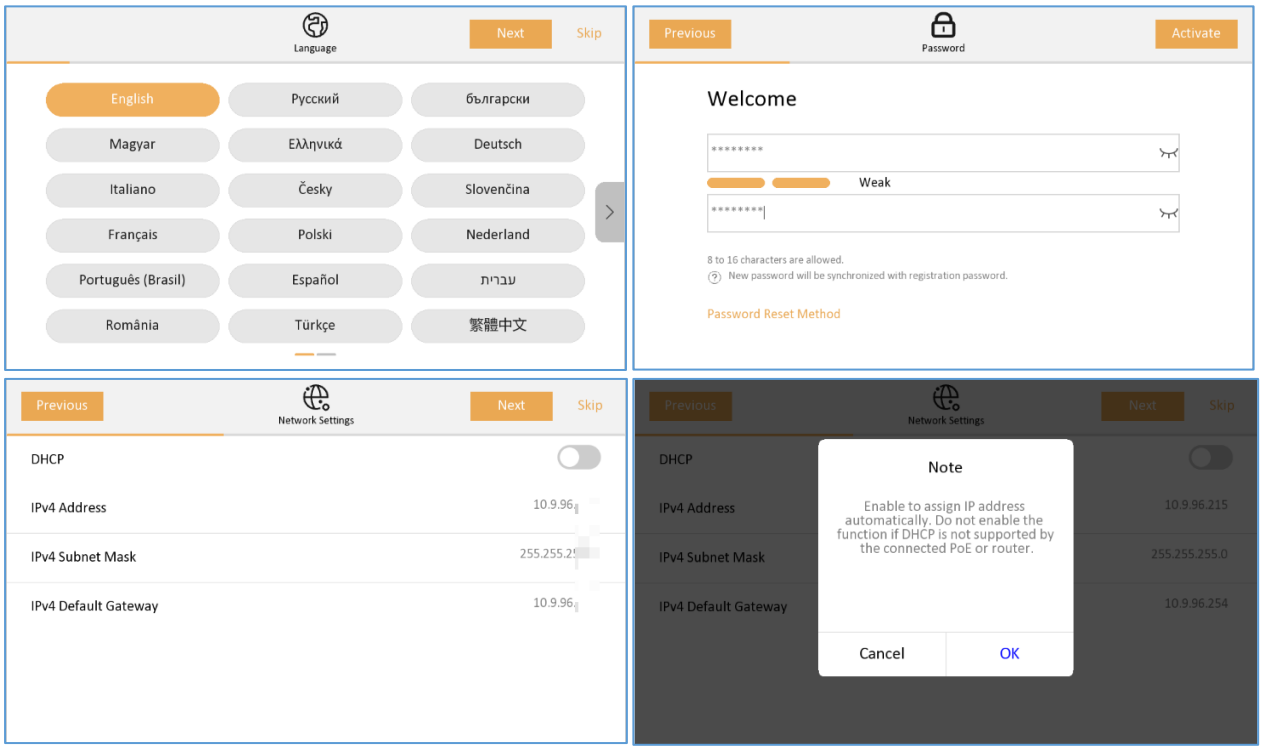
V2.2.92_build241008 firmware download link:

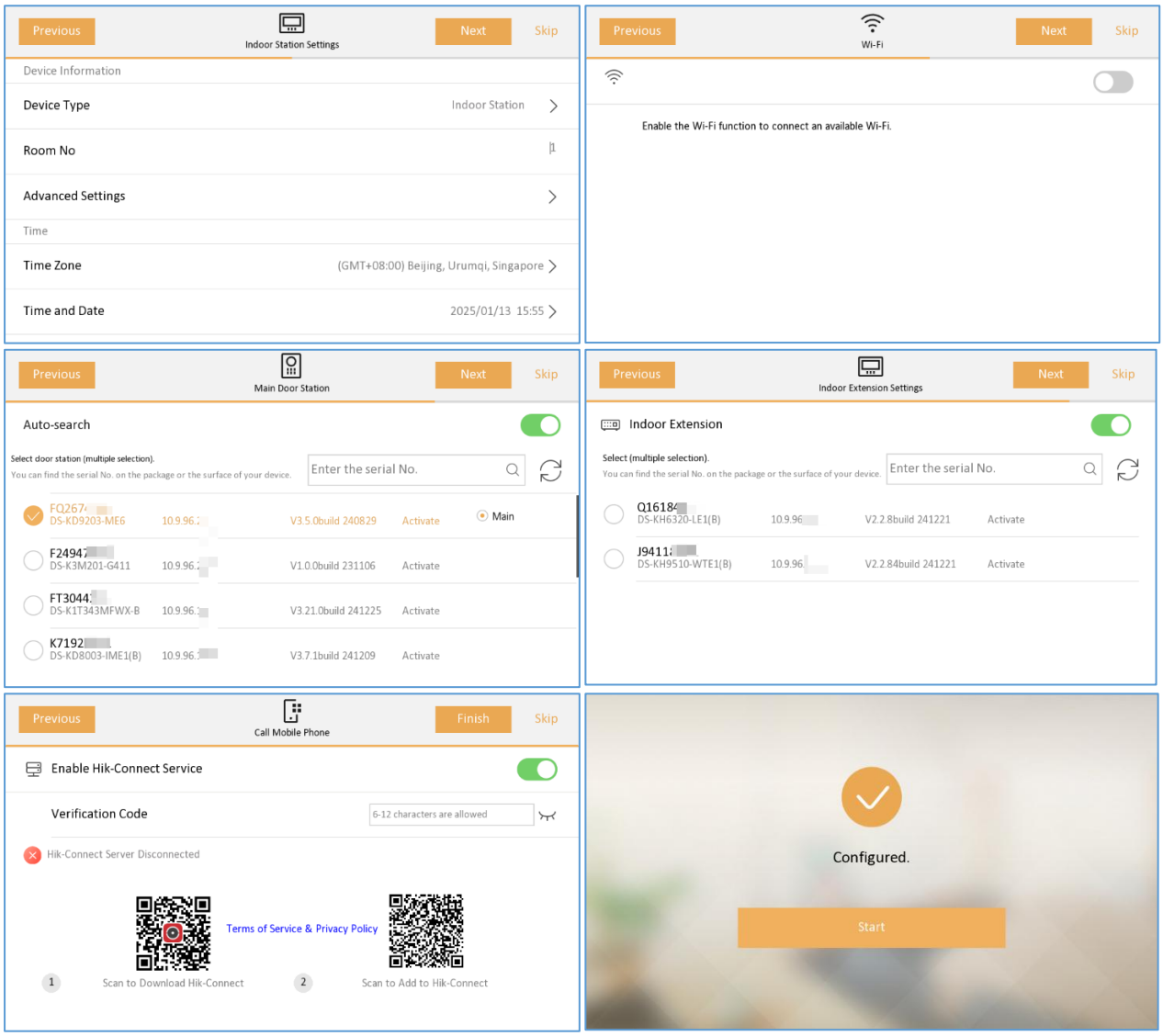
https://drive.ticklink.com/hcs/controller/hik-manage/fileDownload?link=rd5ybkxE&

password: F0u8

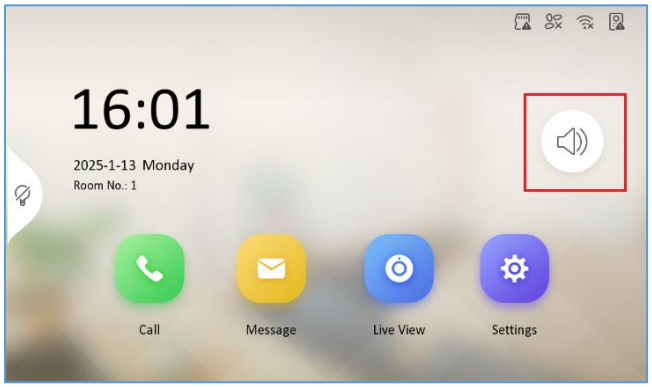
New Features

1. Optimized the wizard UI





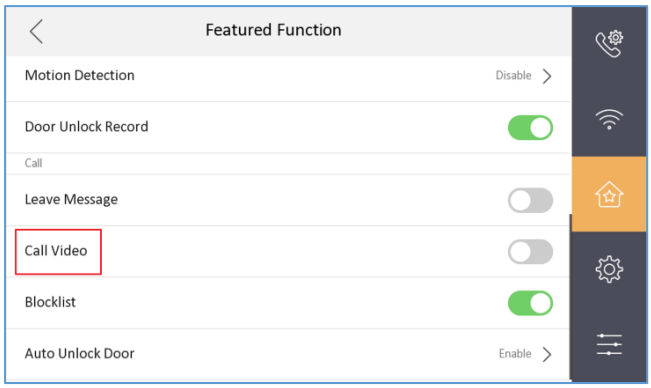
2. Support one key mute on home page.

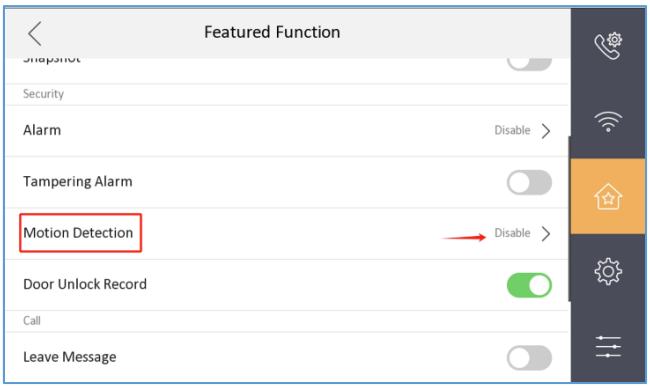


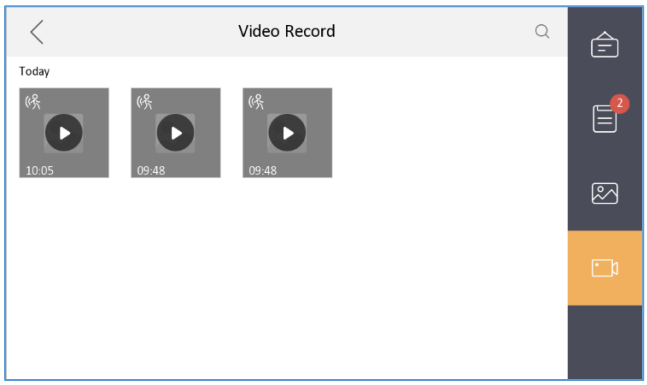
3. Support recording video of motion, intercom call on TF card and playback on indoor station local.
   Note: a. Please enable motion detection in the door station in advance before motion recording function.

b. Limited by device internal storage capacity, the video can only be stored inside TF card

c. Video size: a 3 minutes motion video(sub stream) will occupy about 10MB TF card capacity;







4. Support add and manage door station user (card and password) on indoor station.

   Note: please make sure door station support this function and use latest firmware.

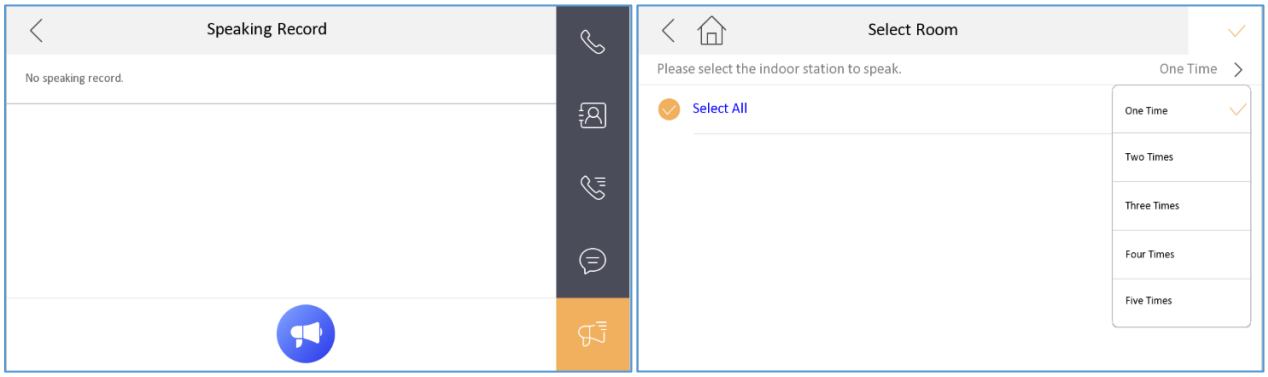




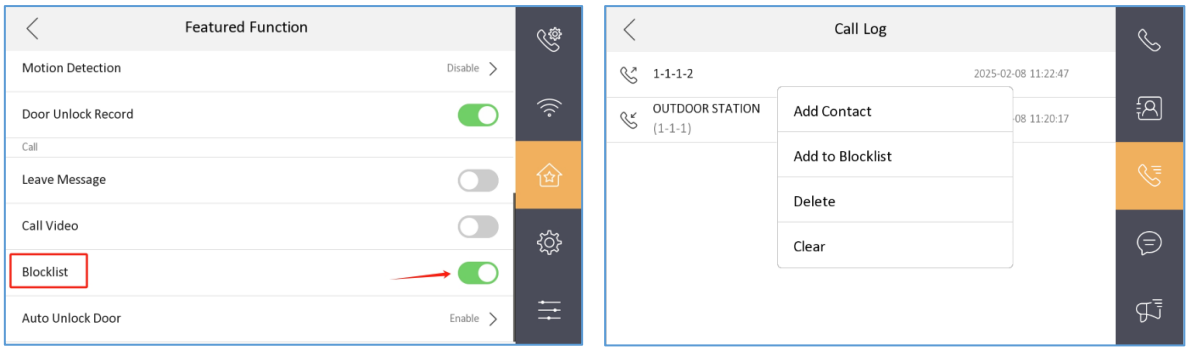
5. Support IPv6 network for SDK/RTSP/SADP protocol

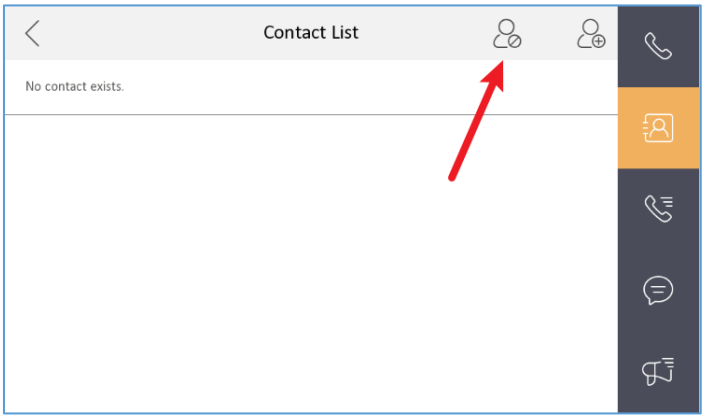


6. Support one key speak between indoor station and extension in same house.

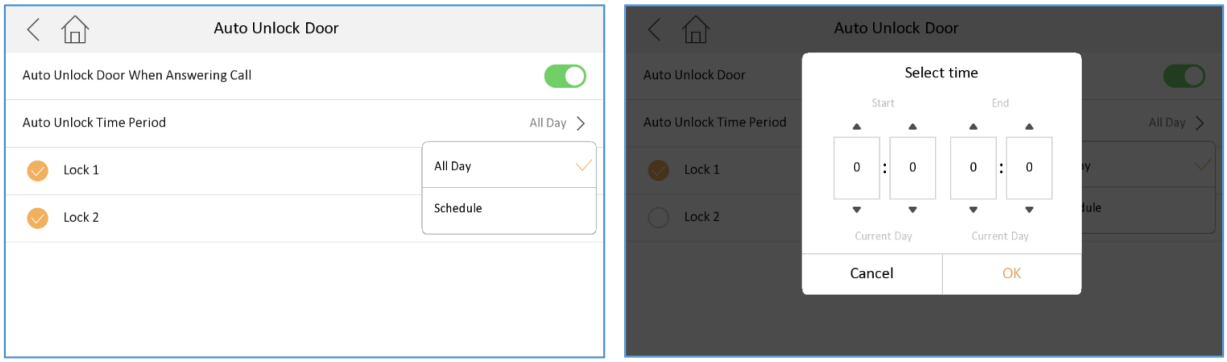


7. Support blocklist function, after enable, you can long press the calling record and add this number to blocklist, and manage blocked number from contact page.

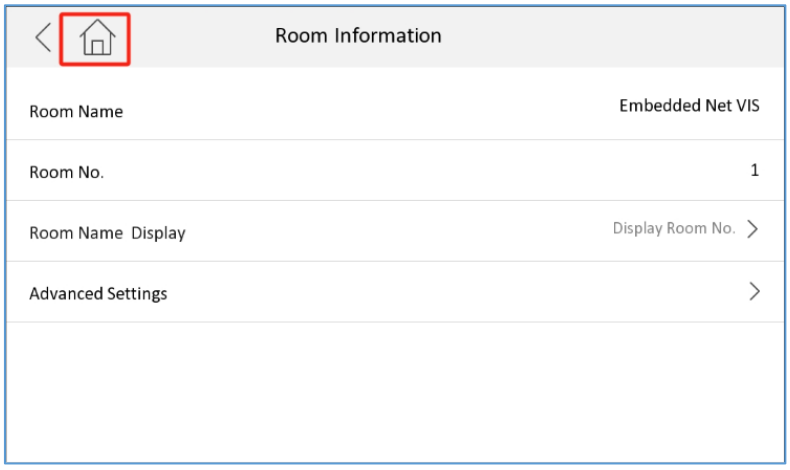




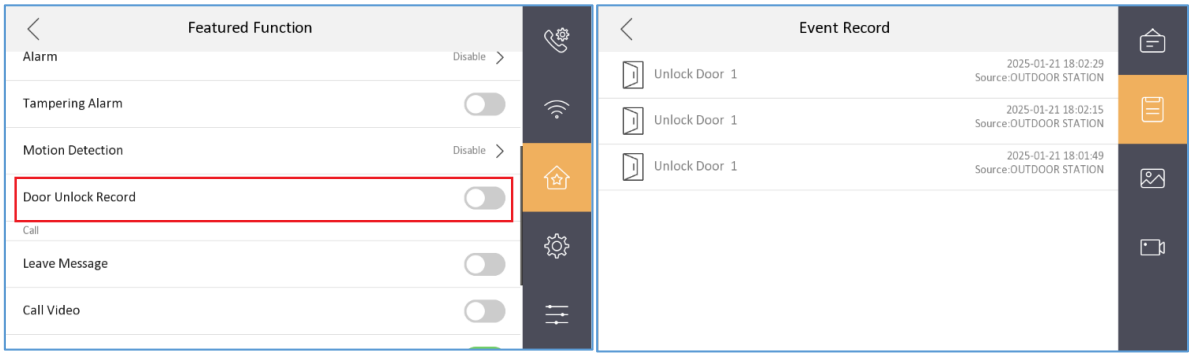
8. Support unlock automatically after receive call and set valid time duration.



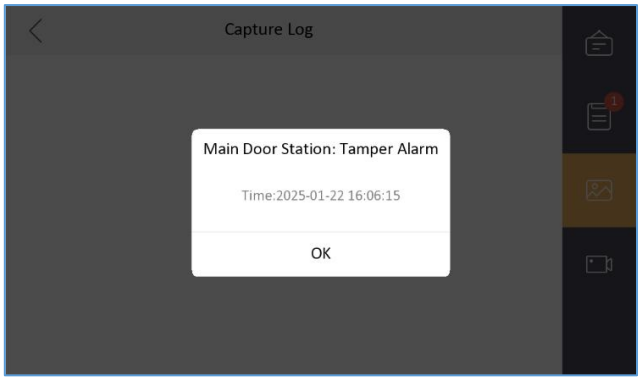
9. In the secondary or tertiary menu, one key is supported to return to the main interface

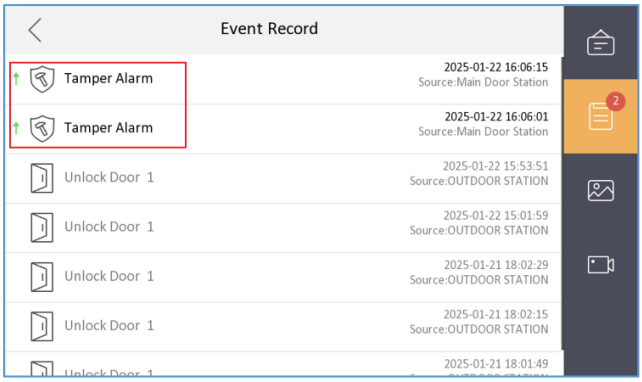


10. Support checking door station unlock records on indoor station (disabled by default).

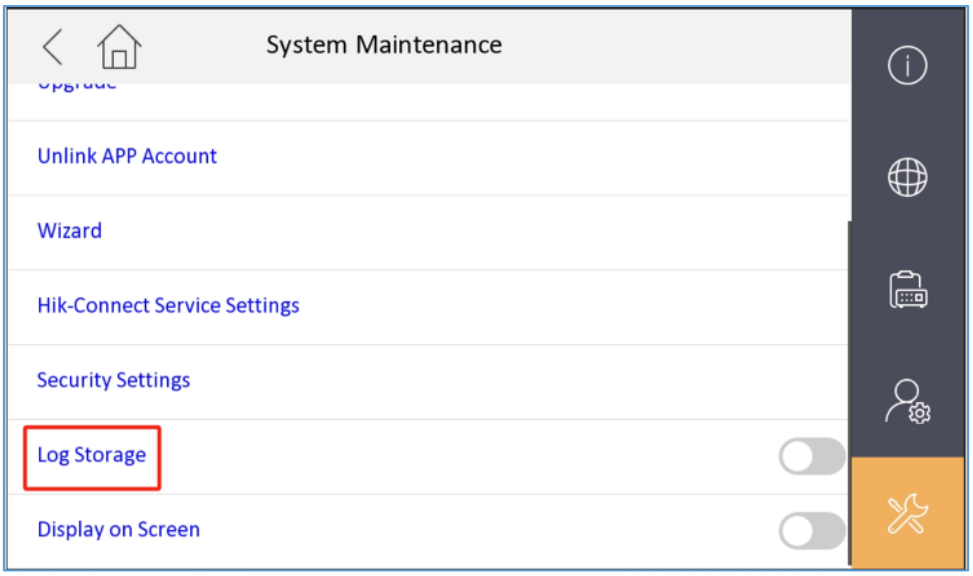


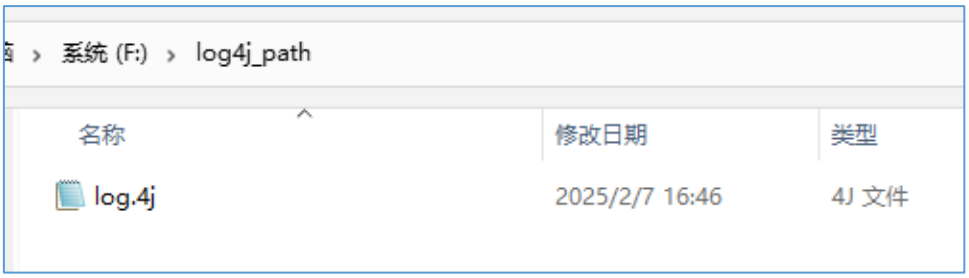
11. Support receiving the tamper alarm of door station





12. Support saving device debug logs into TF card, after enable the device will create a folder named "log4j_path" and device logs will be saved automatically in TF card.

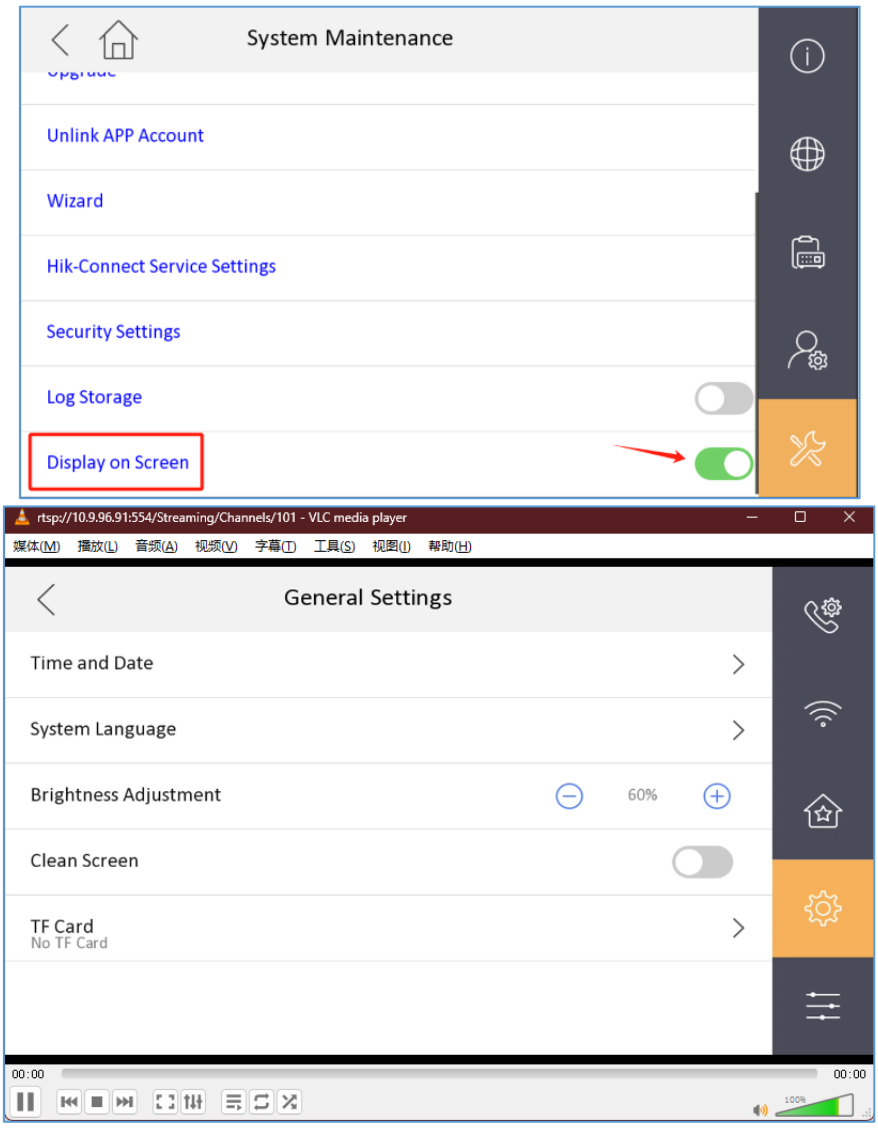




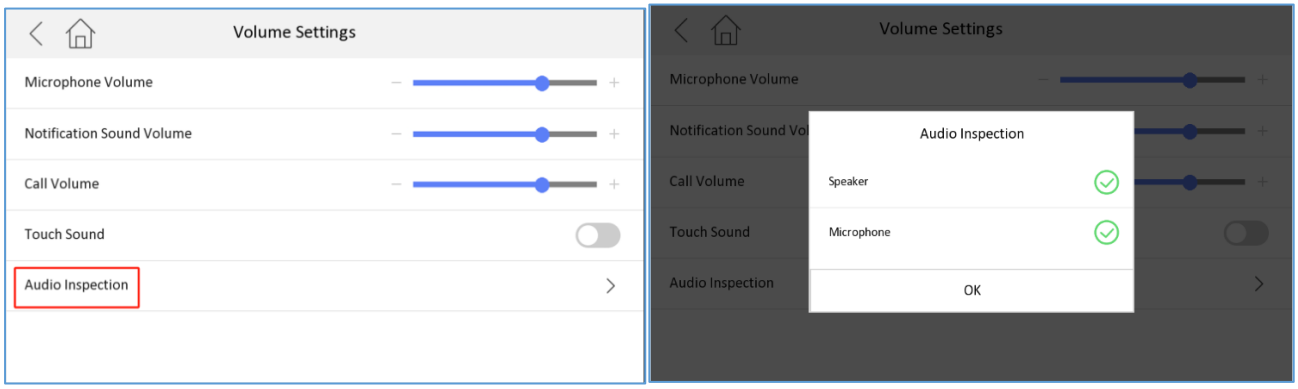
13. Support display on screen function. After enable, you can live view real time indoor station screen with VLC media player through RTSP protocol. For example rtsp://admin:password@IP Address:554/Streaming/Channels/101

Note: a. The function will occupy high performance of device, we recommend to use only for training or capturing the screenshot for making marketing / how-to documents.

b. The door station video stream is encrypted in sdk protocol, we can't see it in the VLC player in this way.

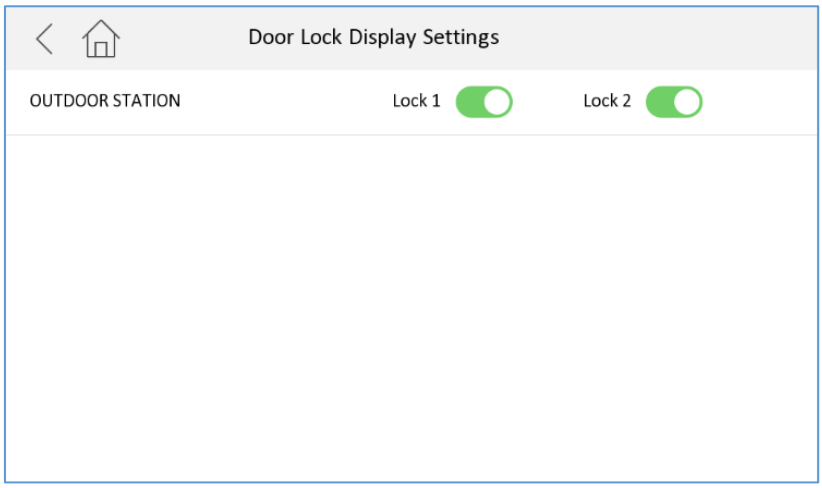


14. Support audio inspection function, customer can check whether microphone and speaker hardware are good or not by themselves.



15. Support live view the camera image (if it's supported by the 3rd party device) before answer the VOIP call. (In previous version, we can only see the image after answer/pick up the call)

16. Support lock icon display configuration for each door station



Modified Features

1. The menu for voice messages has been moved to the Call Log page
2. Optimized the compatibility for standard SIP server
3. Optimized the issue that the background of the main interface of some models is white and the font size is too small

Indoor Station Firmware Release Note

(2024-11-01)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1，DS-KH6360-TE1, DS-KH6360-WTE1,
Firmware Version	V2.2.96_build241028

Modified Features

1. Adjust the audio gain adjustment and optimized the anti-echo effect

Indoor Station Firmware V2.2.92_build241008

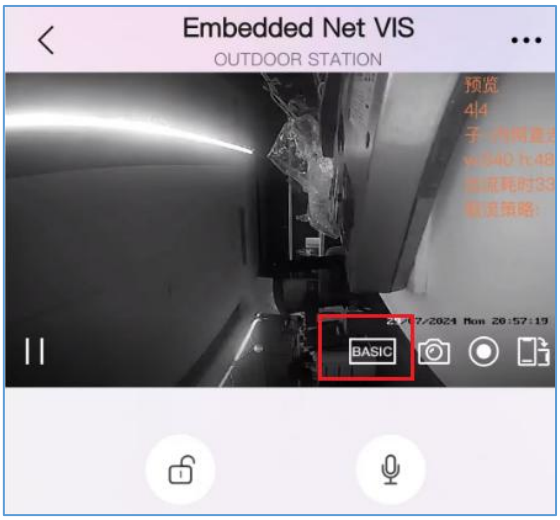
Release Note (2024-10-25)

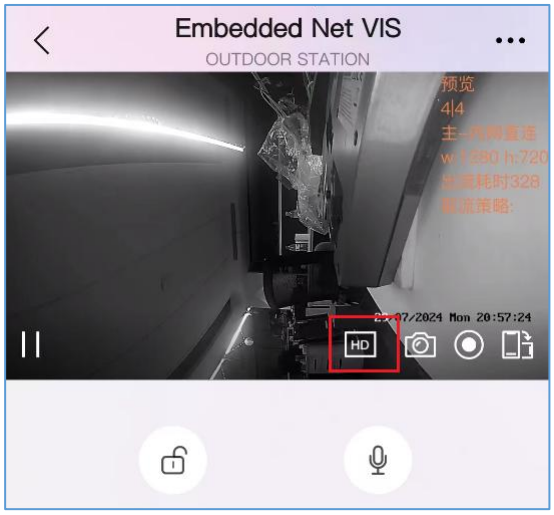
Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1，DS-KH6360-TE1, DS-KH6360-WTE1,
Firmware Version	V2.2.92_build241008

New Features

1. Optimize the audio quality with NetEQ algorithm and add 16KHz sampling rate (only support 8KHz before), supports more audio formats (auto-negotiation), including G.711u, G.711a, G.722.1

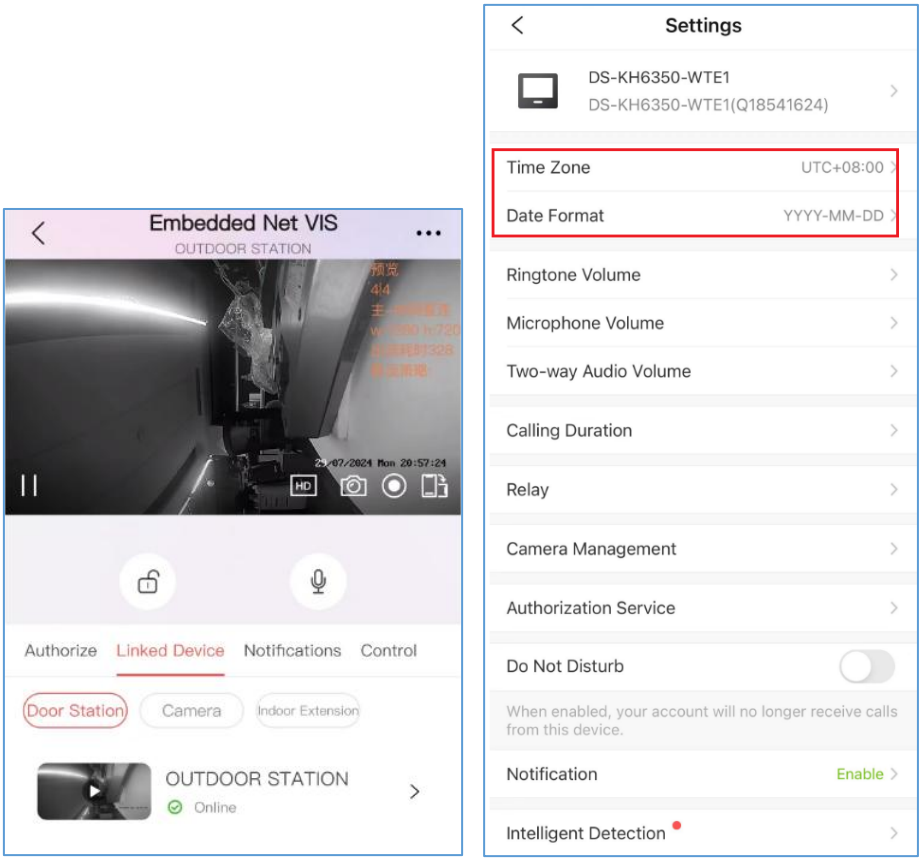
2. Support switching between main and sub stream (HD and Basic) when live view the door station from hik-connect app





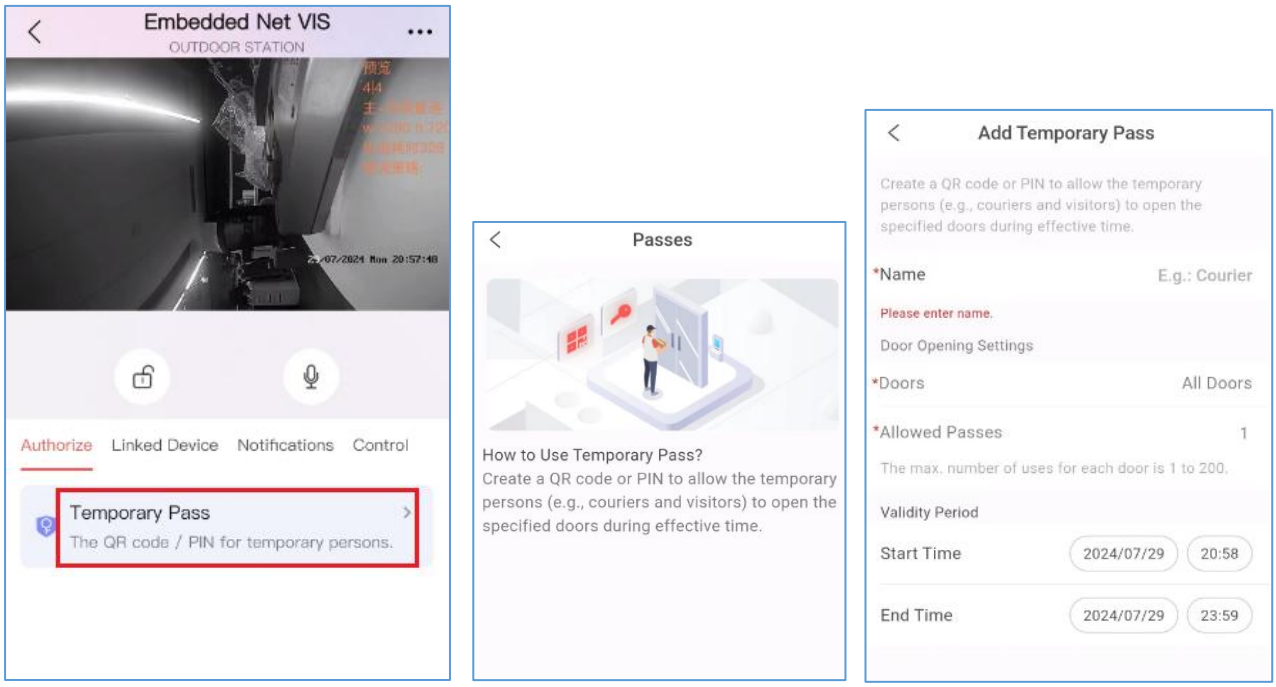
3. Synchronize the door station and camera name and display on the Hik-Connect app.

4. Support display doorphone, camera and indoor extension list, support time zone and date format setting from Hik-Connect app

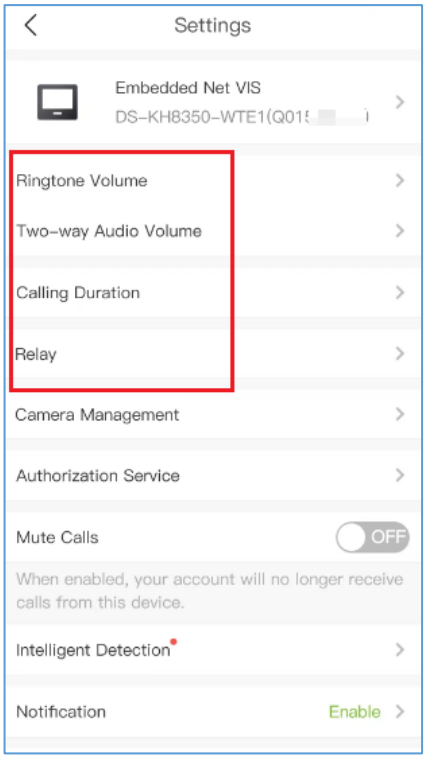


5. Support adding temporary visitor QR and PIN on Hik-Connect and apply to the door station.

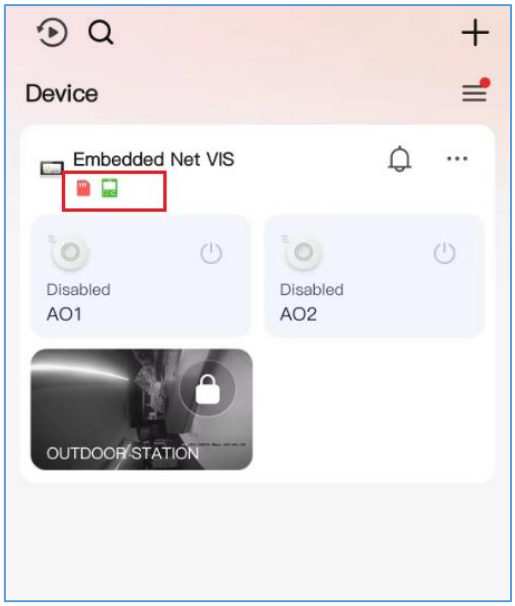
   Note: This function should be supported by the door station at the same time.

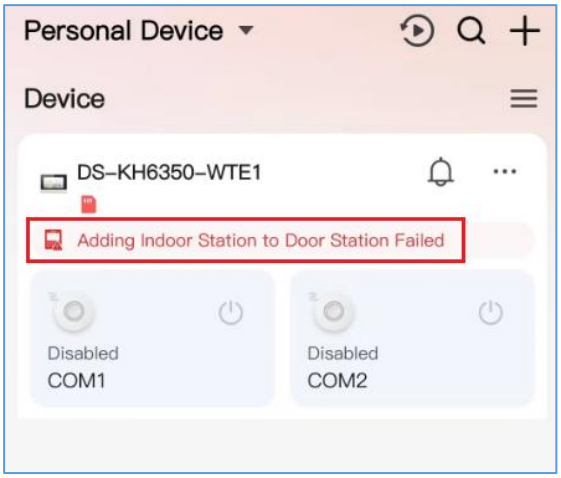


6. Configure the ringtone/intercom audio volume, call duration and TF card parameters from Hik-Connect



7. Show status on Hik-Connect main interface (including alarm output relay, door station registration, TF card and Wi-Fi status)

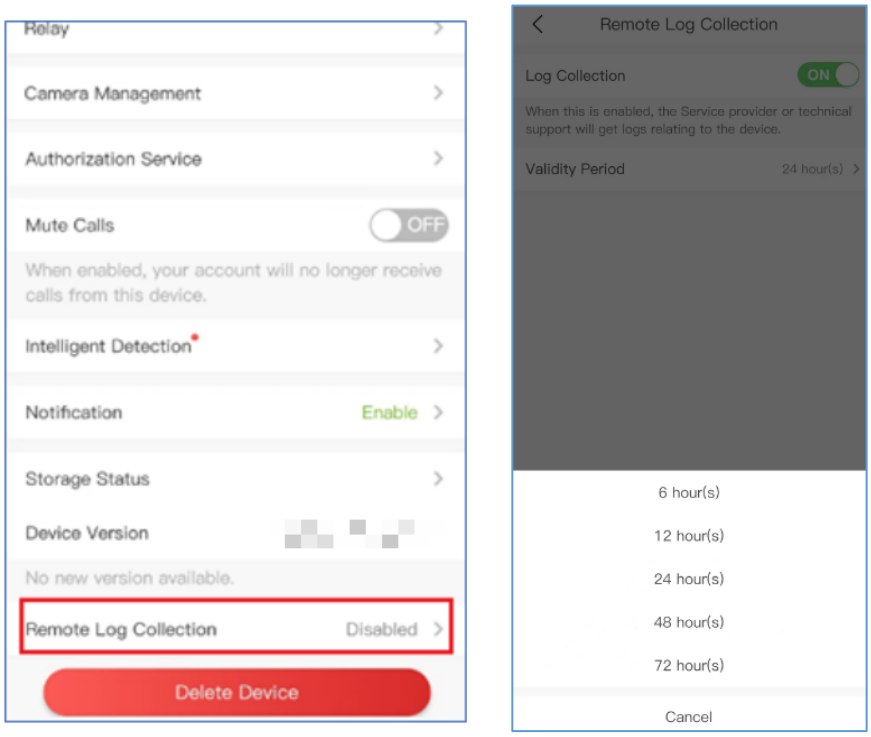




8. Support collecting the device log from Hik-Connect cloud after the end user enable the

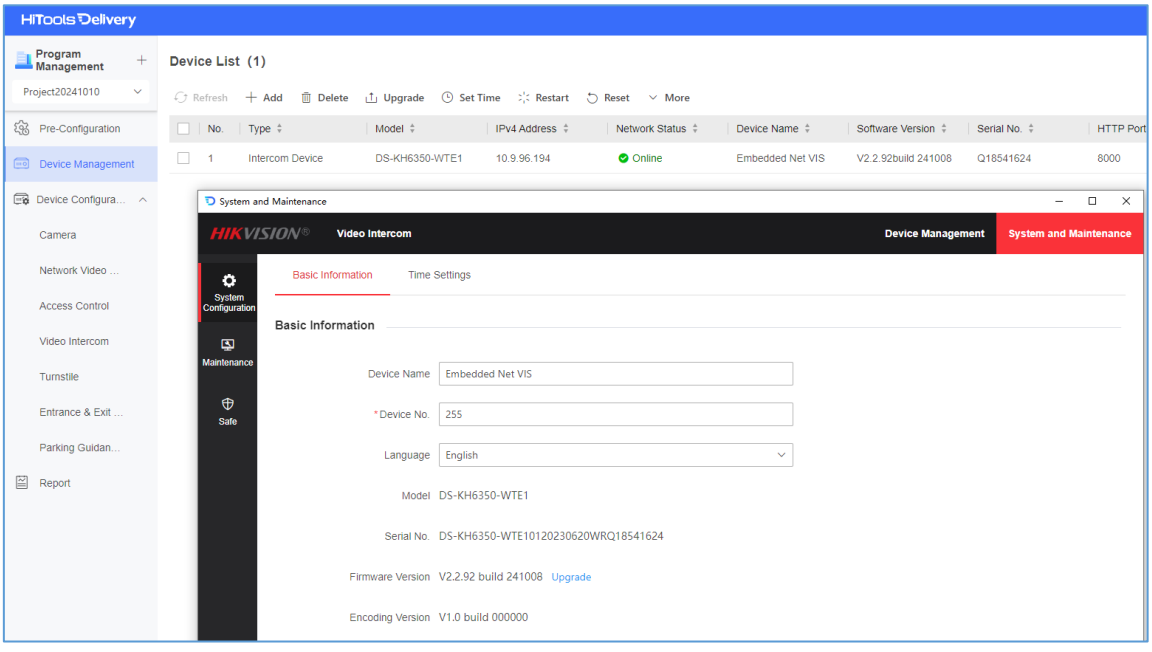
authorization service from App, within the valid duration, technical support can collect the device log.

Note: Please send the issue video and device SN to technical support for better issue understanding.



9. Compatible with HiTools Delivery, and open remote configuration to make some basic settings.

Download link: https://www.hikvision.com/en/support/tools/hitools/cl7f0143d2c781a3e3/



Modified Features

1. Optimize some local UI display issues
2. Optimize the some error prompts after wrong password input.

Indoor Station Firmware V2.2.24_build240115 Release Note (2024-01-31)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1，DS-KH6360-TE1, DS-KH6360-WTE1,
Firmware Version	V2.2.24_build240115

Reason of Upgrade

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

Modified Features

1. Optimize translation of DND(Do Not Disturb) function in local GUI, change from indoor extension to indoor station.
2. Remove the prompt including "Hik-Connect" in NEU fw.
3. Fixed: When using some brand standard SIP servers, there is no video when the door station calls the indoor station through standard SIP
4. Fixed the issue that there is a small probability that the wifi hotspot cannot be scanned
5. Fixed the issue that when the outer door station called the indoor station, there was no lock button or there was a lock button but the unlocking failed in hik-connect app.
6. Optimized the logic of associating the wizard with activated door station
7. Modify the ringback tone file of the indoor station

Indoor Station Firmware V2.2.20_build230601

Release Note (2023-06-06)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1，DS-KH6360-TE1, DS-KH6360-WTE1,
Firmware Version	V2.2.20_build230601
iVMS-4200	V3.9.1.4 or later

Reason of Upgrade

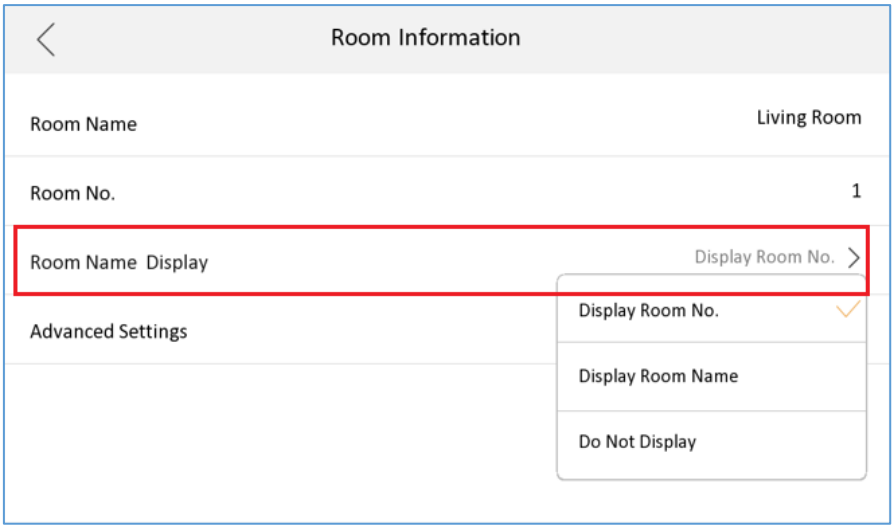
Add new feature, fix bugs, enhance products quality and meet customers' requirements.

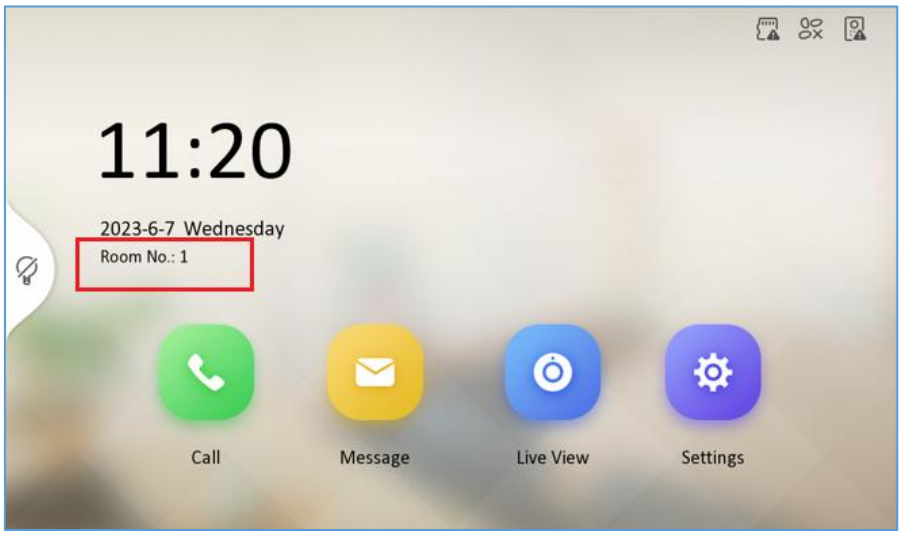
New Features

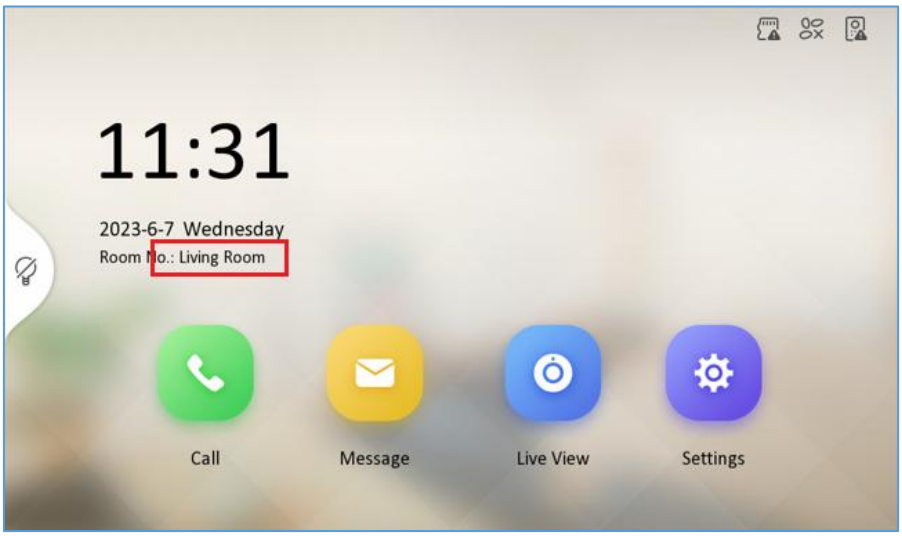
8. support 35 languages

English	Deutsch	Nederland	繁體中文	Tiếng Việt	Português
Русский	Italiano	Português (Brasil)	Eesti	Hrvatski	Lietuvių
български	Česky	Español	Dansk	Slovenščina	Latviešu
Magyar	Slovenčina	עברית	Svenska	Srpski	монгол
Ελληνικά	Français	România	Norsk	العربية	O'zbekcha
	Polski	Türkçe	Suomi	УКРАЇНА	Қазақша

9. support self-defined indoor station name on the screen, there are 3 option, display room No., Room name or do not display, by default it's room No.







10. support 16 indoor extension (it was 5 before)

11. support modify main door station name from hik-connect (sub door station name can be changed from hik-connect local, but it will not be applied to device, this function will be supported in the future)

Modified Features

1. Optimize the IP allocation logic in the wizard, when the indoor station choose to use the default IP 192.0.0.64, it will be conflict with other indoor station, so it will automatically modify the IP address to 192.0.0.X which is not conflict with other devices
2. Move floor number parameter to advanced settings menu

Indoor Station Firmware V2.2.8_build230219 Release Note (2023-03-02)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1
Firmware Version	V2.2.8_build230219
iVMS-4200	V3.8.3.1 or later

Reason of Upgrade

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

Modified Features

3. Fix the occasional connection failure between indoor station and indoor extension
4. Enhance the stability of Wi-Fi connection
5. Fix the audio issue between indoor extension and outer door station
6. Fixed the problem that when the indoor station and the door station are registered to Asterisk standard SIP server, there is no unlock icon when the door station calls the indoor station
7. Increase the indoor station intercom voice volume.

Indoor Station Firmware V2.2.2_build221223 Release Note (2022-12-30)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1，DS-KH6351-TE1，DS-KH6351-WTE1
Firmware Version	V2.2.2_build221223
iVMS-4200	V3.8.3.1 or later

Recommended Firmware

It is recommended to use the following devices and version together, because they can cooperate and work normally after the docking test.

Device type	Test model	Version
Door station	KD8003	Protocol 1.0：V2.0.8_build200701
	KD8003(B)	Protocol 2.0：V2.2.58_build220725
	KV6113(B)/KV8X13(B)	V2.2.53_build220816
	KV6113(C)	V2.2.55_build220816
Indoor Station	DS-KH6320-LE1	V1.4.62_build220414
Main Station	KM9503	V1.0.36_build220619

Reason of Upgrade

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

Modified Features

8. Fixed the problem of not being able to slide the screen after resting the screen in the door station configuration page of the wizard
9. Fix the occasional defect: after the indoor station activation and configuration is completed, it prompts and display two identical indoor extensions.

Indoor Station Firmware V2.2.2_build221128

Release Note (2022-12-02)

Device Model	DS-KH6320-LE1(B)，DS-KH6320-LE1(B)/White，DS-KH6320-TE1(B)，DS-KH6320-WTE1(B)，DS-KH6350-WTE1，DS-KH6350-TE1
Firmware Version	V2.2.2_build221128
iVMS-4200	V3.8.3.1 or later

Recommended Firmware

It is recommended to use the following devices and version together, because they can cooperate and work normally after the docking test.

Device type	Test model	Version
Door station	KD8003	Protocol 1.0：V2.0.8_build200701
	KD8003(B)	Protocol 2.0：V2.2.58_build220725
	KV6113(B)/KV8X13(B)	V2.2.53_build220816
	KV6113(C)	V2.2.55_build220816
Indoor Station	DS-KH6320-LE1	V1.4.62_build220414
Main Station	KM9503	V1.0.36_build220619

Notes:

1. This version firmware is compatible with both protocol 1.0 and 2.0 door station firmware

Devices of Door Station	Firmware	Protocol Type
First Generation	All versions	Protocol 1.0
KD8003	V2.0.X	Protocol 1.0
	V2.2.3 and above	Protocol 2.0
KV(B) Series	V2.1.X	Protocol 1.0
	V2.2.3 and above	Protocol 2.0
KB8113	V2.2.1	Protocol 1.0
	V2.2.10 and above	Protocol 2.0
KD9203/KD3003/KD8103/KD8023	All versions	Protocol 2.0

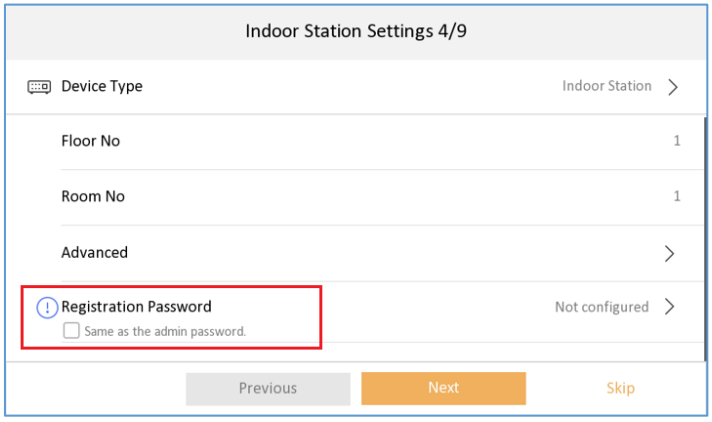
2. Test records only contain the cases for normally devices and do not represent all the scenarios and all the functions.

Reason of Upgrade

Add new feature, fix bugs, enhance products quality and meet customers' requirements.

New Features

1. The wizard is fully optimized, including:
   A. Quick setting for registration password
   After checked, the registration password of indoor station will be consistent with its activation password, no need to input manually.
   Note: Registration password is used to register between devices, if different, it will cause calling failed. All devices in same intercom system must use same registration password.



B. Link indoor station with main and sub door station

Note:

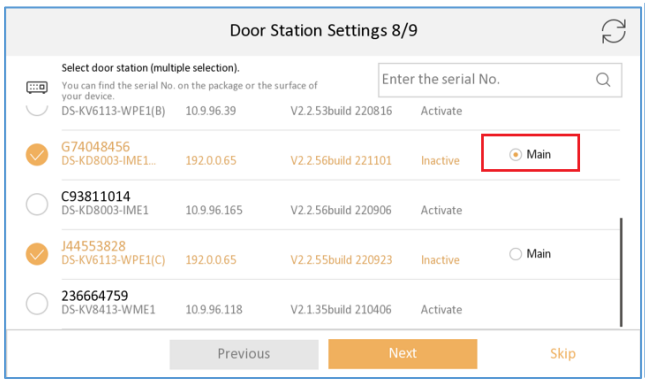
a. *the first selected will be the main door station by default, the second will be sub1, 3rd will be sub2, etc. You can also cancel and select the main door station manually.*

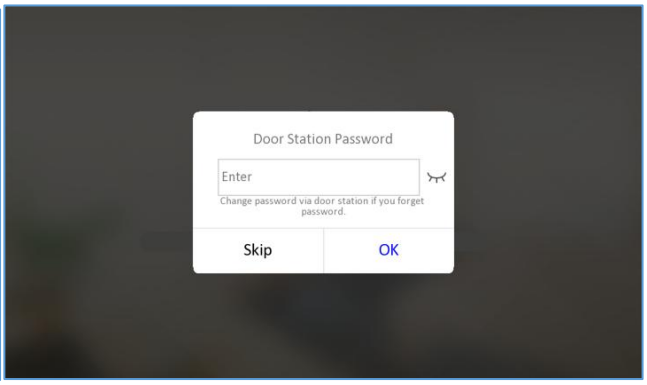
b. *Maximum select 17 door stations at one time (1 main and 16 sub door stations)*

c. *If the selected devices are not activated, indoor station will activate them with same activation and registration password, then set the IP address for them in same network segment automatically.*

d. *If the door station is already activated with different password, it will prompt you to input door station password*

e. *If the main and sub door station are activated with different activation password, the registration will be failed (sub door station can't call indoor station).*





C. Link indoor station with indoor extension

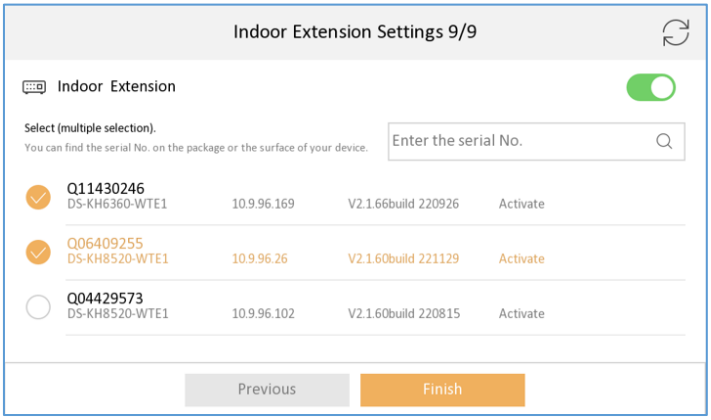
Note:

a. *The selected indoor station will be and numbered as indoor extension 1,2,3…*

b. *Maximum select 5 indoor extensions at one time*

c. *If the selected devices are not activated, indoor station will activate them with same activation and registration password, then set the IP address for them in same network segment automatically.*

d. *If the selected devices are activated with different password, the registration will be failed (door station can't call indoor extension).*



D. Pairing with main door station, sub door station and indoor extension

Note: The pairing time duration depends on the device quantity you selected in previous steps, it will take about up to 5 mins, please wait patiently until the process finish and show "Configured" as below.



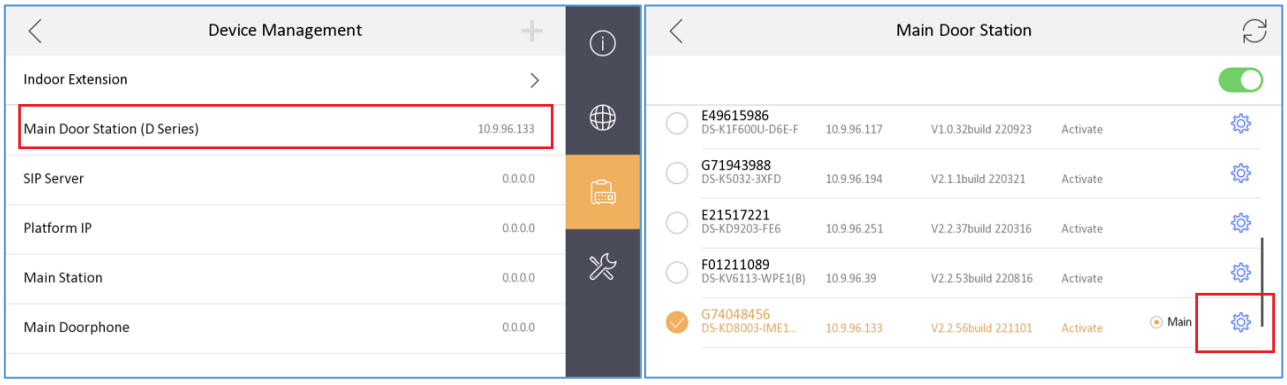
2. Set the important parameters of door station from indoor station *Menu-Advanced settings-Configuration-Device Management-Main Door Station* (*not from the wizard*).

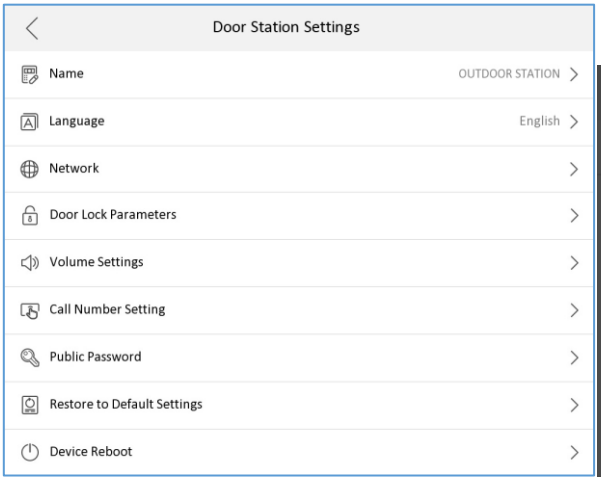
Note:

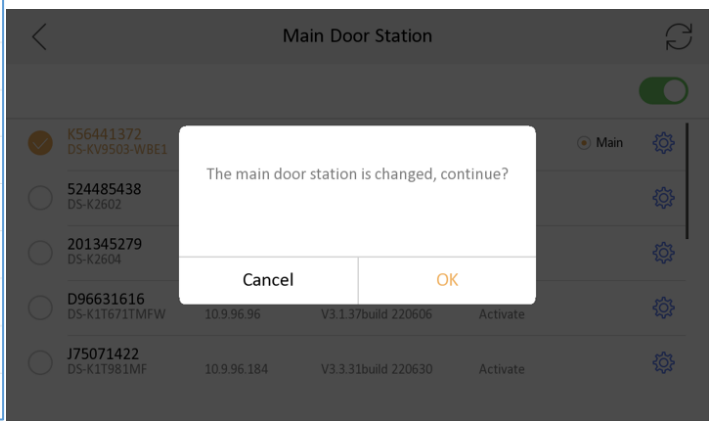
A. *You can change parameters of all door station (no matter it's linked or not) in the list by click the setting icon, see pic 2.*

B. *You can also change linked main door station from this list by click device from the list, if you want to change linked sub door station, please go to Advanced settings-Configuration-System maintenance-Wizard, and link device again.*

C. *After change the linked main door station, device will prompt "The main door station is changed, continue?", see pic4 as below*

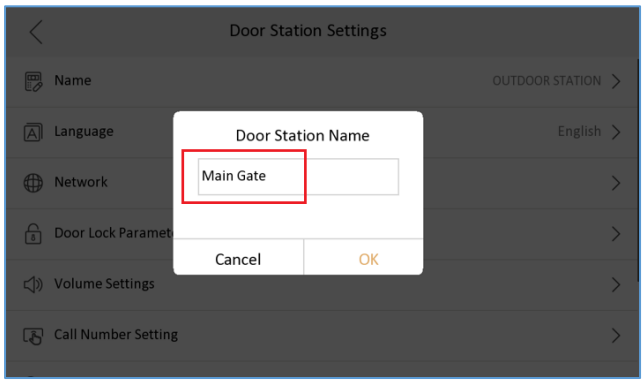


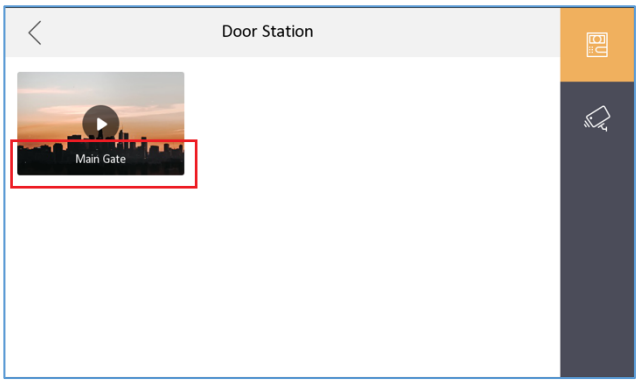


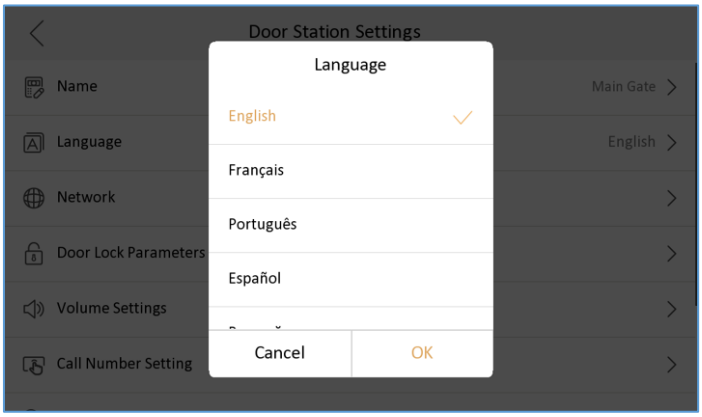


The parameters we can configured from indoor station including:

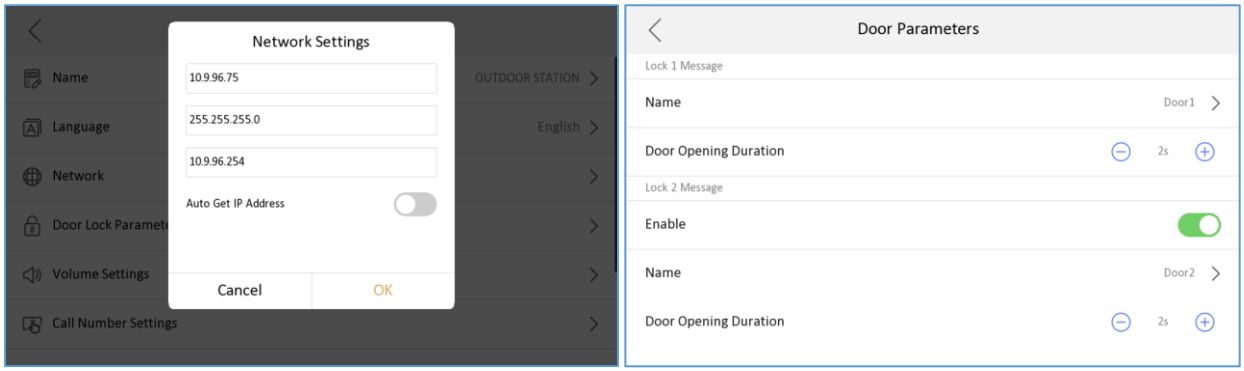
A. Set door station name (will be displayed in live view page), set door station language.



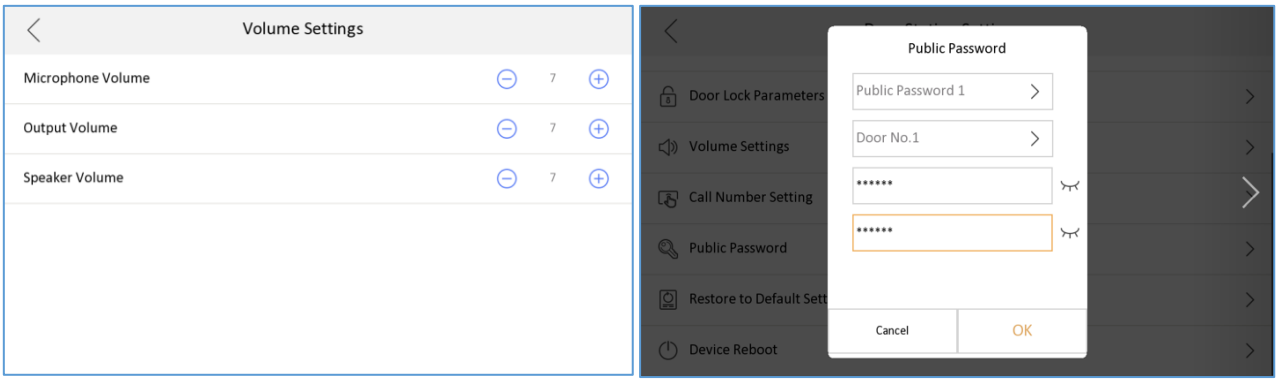


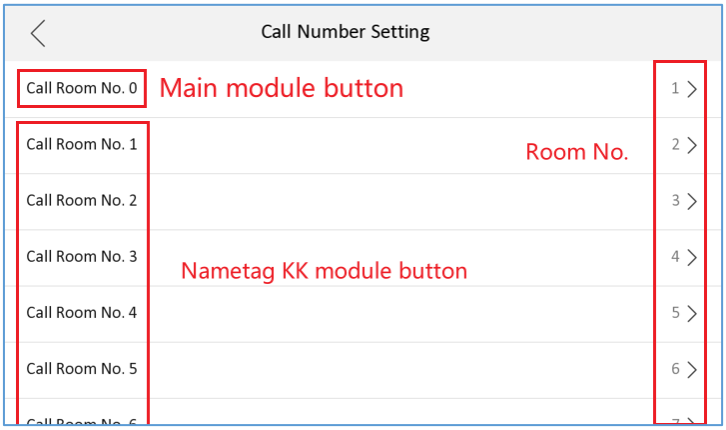


B. Set door station IP address, subnet mask, gateway, enable DHCP, lock name, door open duration, enable lock2, etc.

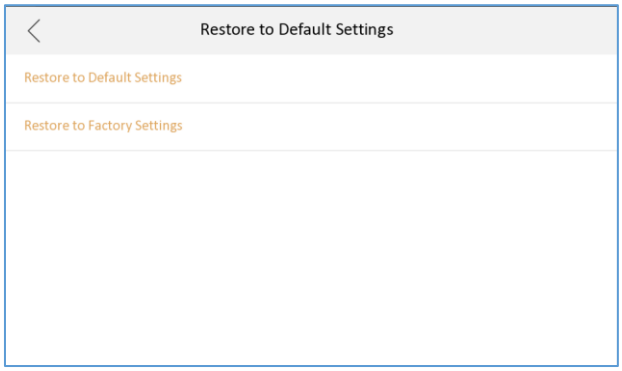


C. Door station volume setting, physical button call number, public password (lock1 or lock2)





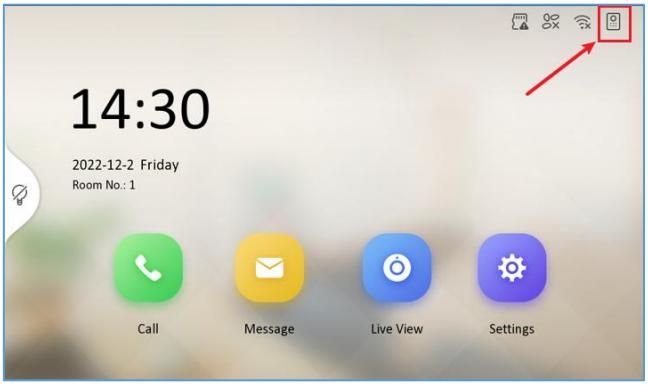
D. Restore door station to default or factory settings.



Modified Features

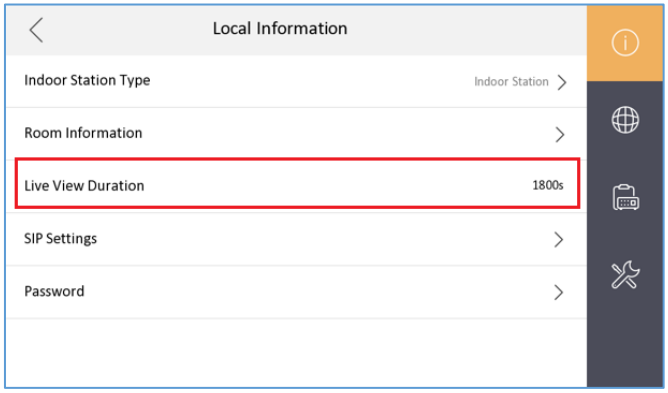
1. Optimized the icon of door station registration status in the main UI up right corner.

   Note: If the door station call indoor station failed, you can click this icon  *to register to door station manually, if register failed, it will indicate the reason for the failure.*

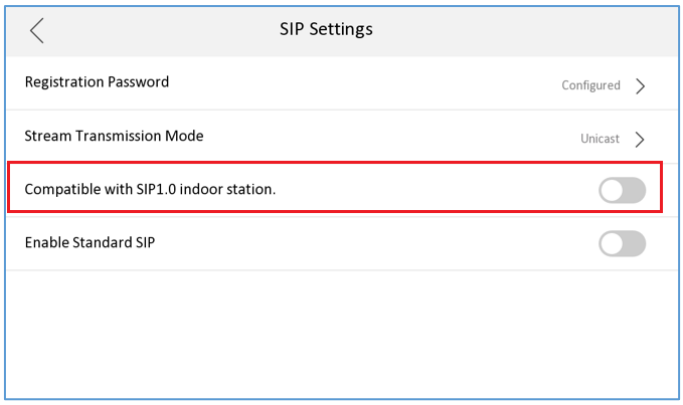


	Before	Now
Indoor station registers to door station success		
Indoor station registers to door station failed		
Indoor station registers to door station and KM9503 success		SIP

2. Door station and IP camera live view duration increase to 1,800s, range 10-1,800s, 30s by default.



3. Support switching between protocol 1.0 and 2.0, by default it's protocol 2.0
   After enable, the indoor station is compatible with protocol 1.0 indoor extension and not compatible with protocol 2.0 indoor extension.
   Note: After enable, all indoor extension of this indoor station must be protocol 1.0 firmware, don't mix protocol 1.0 and 2.0 indoor extension under same indoor station, or it will result to calling failed.



----------Finish----------Indoor Station Firmware V2.2.2_build221128 Release Note

6 Series Indoor Stations
Version: V2.1.66_build220926
Release Note
(2022-09-29)

Firmware Basic Information	Firmware Version	V2.1.66_build220926
	Device Type	DS-KH6320-LE1(B) DS-KH6320-LE1(B)/White DS-KH6320-TE1(B) DS-KH6320-WTE1(B) DS-KH6350-WTE1 DS-KH6350-TE1

Fix

Optimized the screen touching sensitivity of the following product models:

- DS-KH6350-TE1

- DS-KH6350-WTE1

***Note**: This version is only worked with DS-KH6350-W/TE1.*

6 Series Indoor Stations
Version: V2.1.58_build220815
Release Note
(2022-08-23)

Firmware Basic Information	Firmware Version	V2.1.58_build220815
	Device Type	DS-KH6350-WTE1 DS-KH6320-LE1(B) DS-KH6320-LE1(B)/White DS-KH6320-TE1(B) DS-KH6320-WTE1(B) DS-KH6360-TE1 DS-KH6360-WTE1

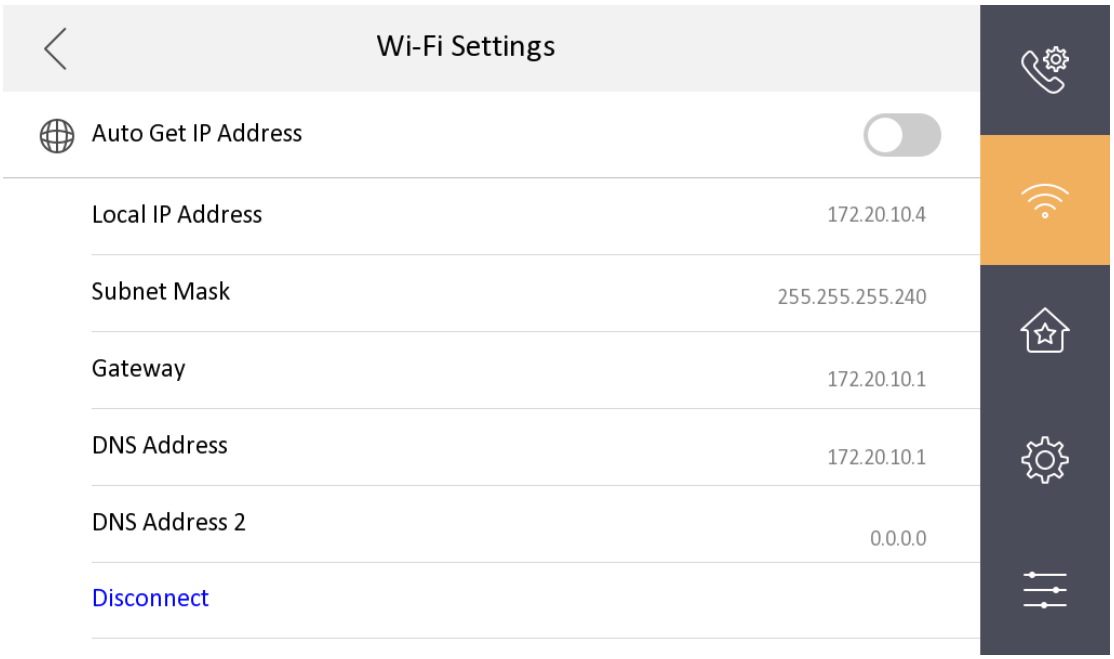
Fix some bugs

6 Series Indoor Stations
Version: V2.1.50_build220720
Release Note
(2022-07-20)

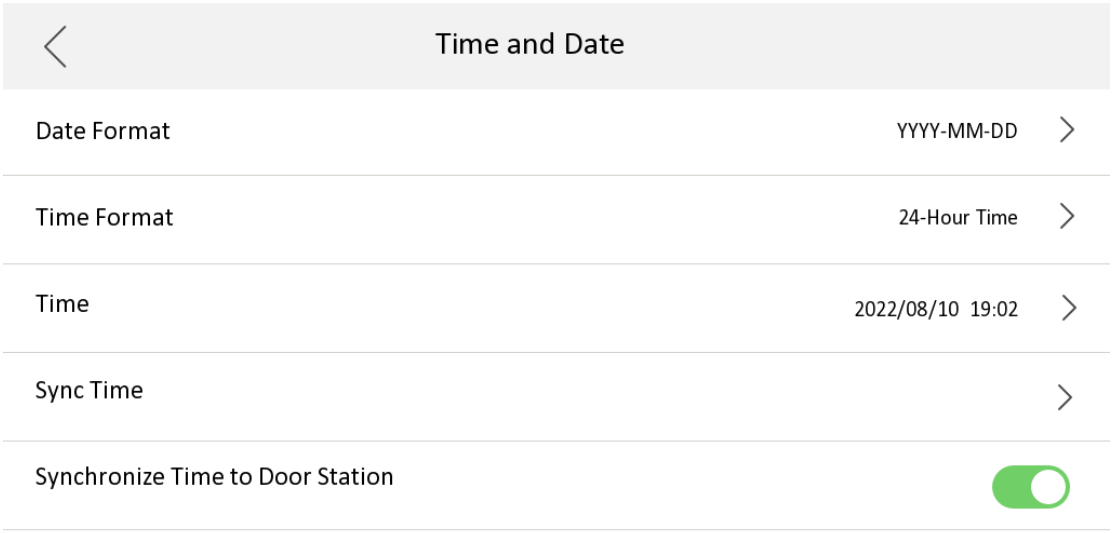
Firmware Basic Information	Firmware Version	V2.1.50_build220720
	Device Type	DS-KH6350-WTE1 DS-KH6320-LE1(B) DS-KH6320-LE1(B)/White DS-KH6320-TE1(B) DS-KH6320-WTE1(B) DS-KH6360-TE1 DS-KH6360-WTE1

New

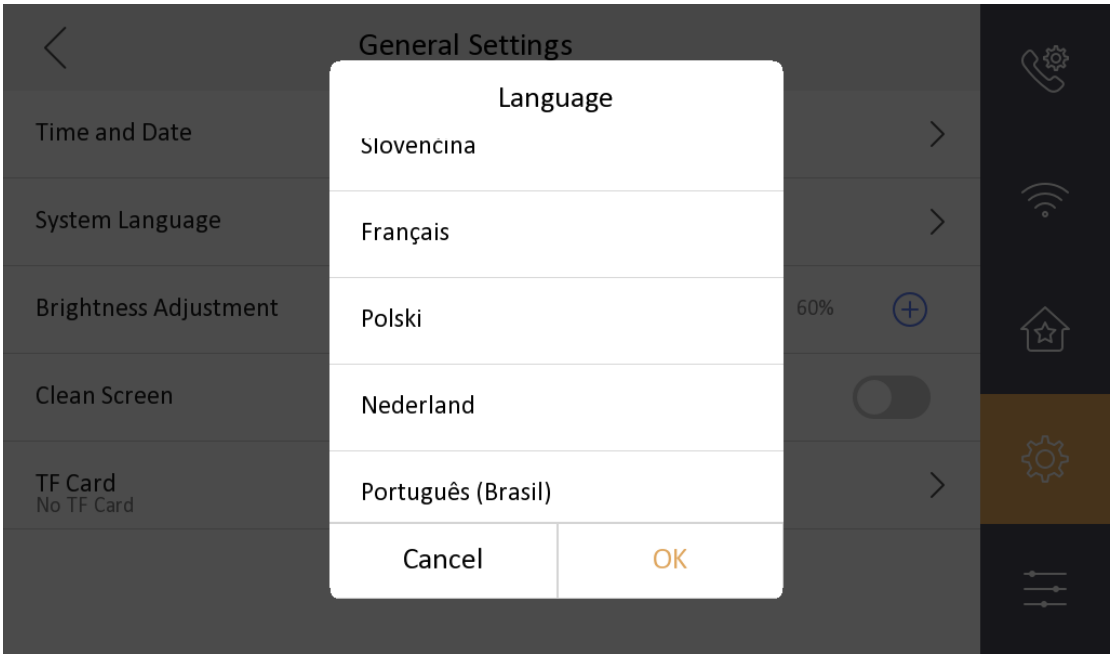
1. Support configure the Static IP of Wi-Fi (enable device configure DHCP，IP address, Subnet mask, gateway, DNS1, DNS2).



2. Indoor station supports configuring time and time zone information for the door station.

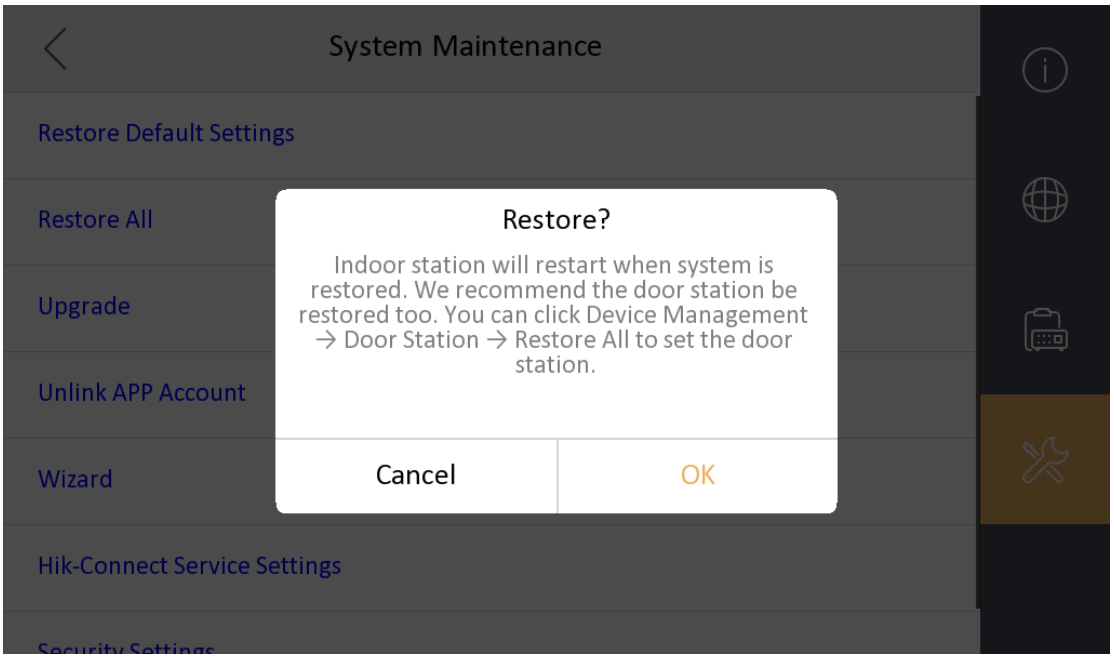


3. Support C-S registration mode of indoor station, and master station.
4. Two new Standard language(Portuguese,Slovak) have been added.

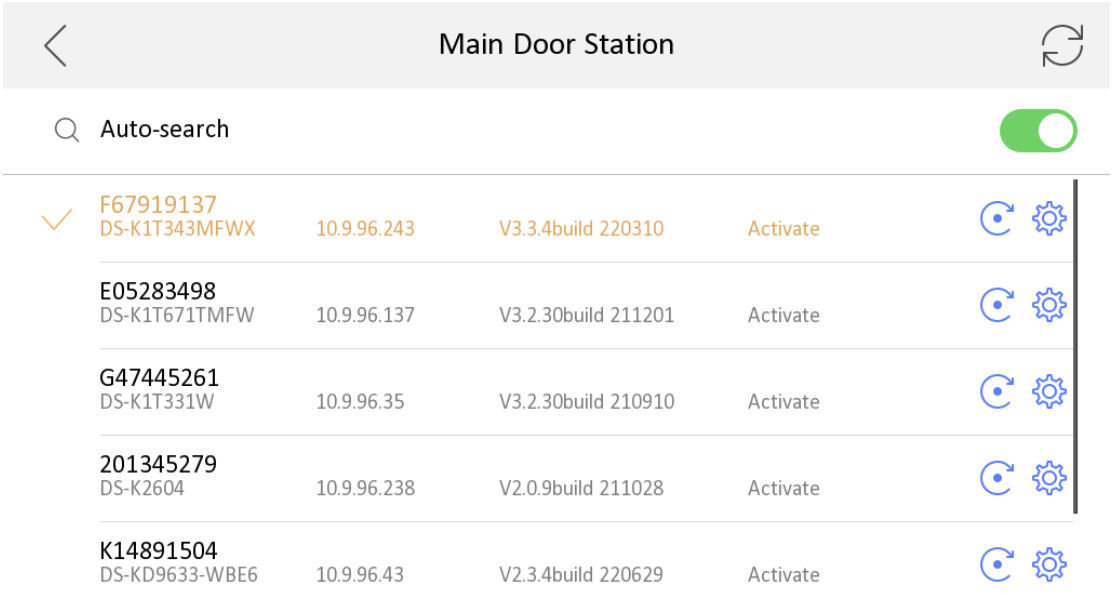


Fix

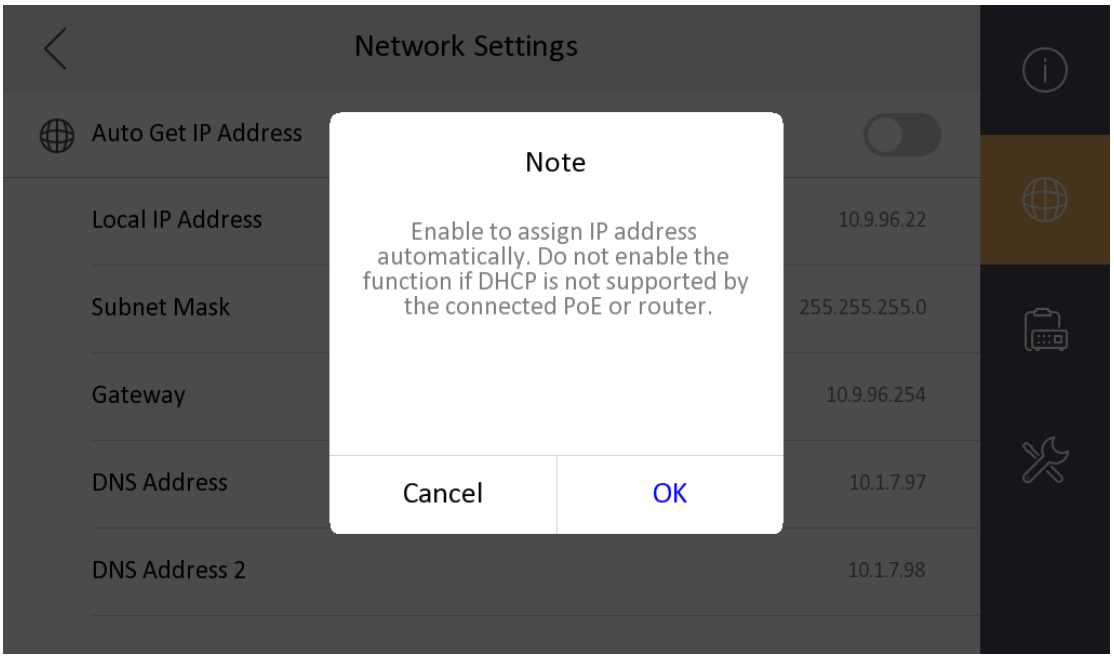
1. Fix the indoor station maintenance interface. When click restore or restore all, a prompt information will pop.



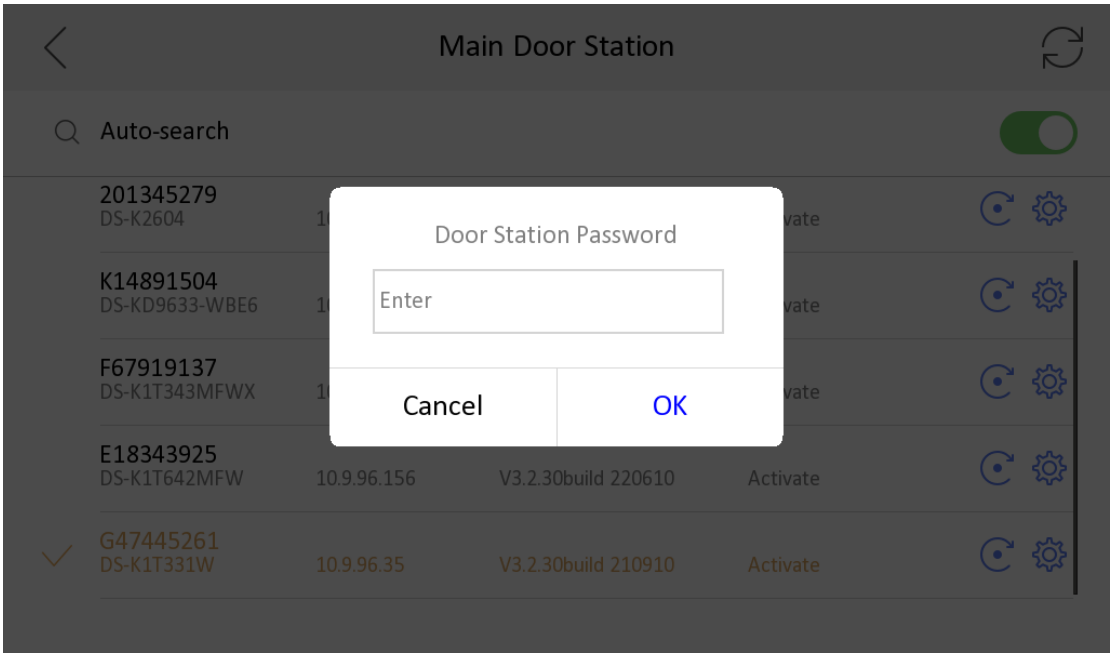
2. The indoor station wizard-related devices added the effect of selecting the door station.



3. Add a prompt information when assign network IP address automatically.



4. In configure wizard to related door station, when the door station password is different from the indoor station, prompt information will pop.



6 Series Indoor Stations
Version: V2.1.44_build220516
Release Note
(2022-05-22)

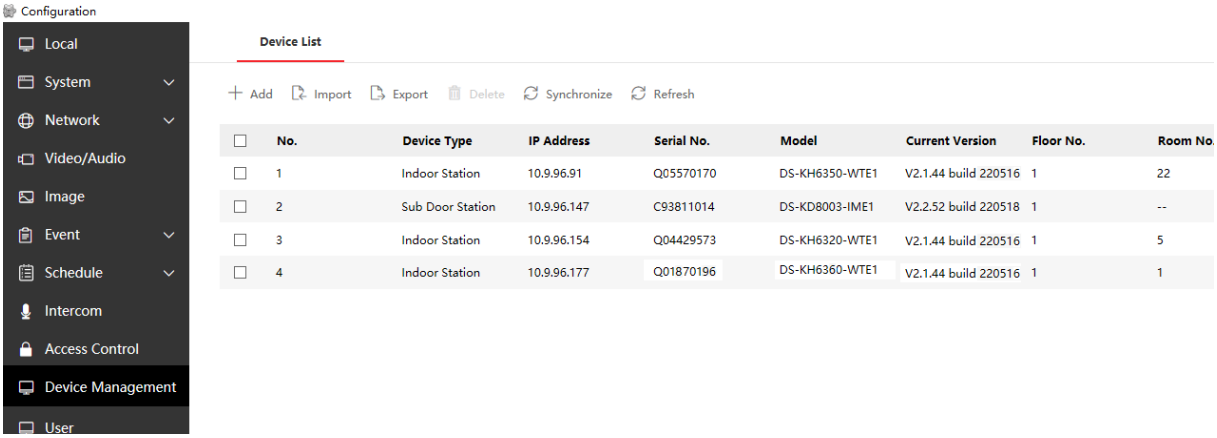
Firmware Basic Information	Firmware Version	V2.1.44_build220516
	Device Type	DS-KH6350-WTE1 DS-KH6320-LE1(B) DS-KH6320-LE1(B)/White DS-KH6320-TE1(B) DS-KH6320-WTE1(B) DS-KH6360-TE1 DS-KH6360-WTE1

Fix

1. Fixed a sync issue between device and Hik-Connect service.
2. Fixed a sync issue for Main-Sub indoor station mode.

New

1. Support the network parameters synchronized from villa door station.



Version: V2.1.38_build220228
Release Note
(2022-03-01)

1. Firmware Basic Information

Firmware Basic Information	Firmware Version	V2.1.38_build220228
	Device Type	DS-KH6350-WTE1 DS-KH6320-LE1(B) DS-KH6320-LE1(B)/White DS-KH6320-TE1(B) DS-KH6320-WTE1(B) DS-KH6360-TE1 DS-KH6360-WTE1

Notes:

Please update firmware to the latest version to ensure the perfect user experience

1.1 Recommended Firmware

It is recommended to use the following devices and version together, because they can cooperate and work normally after the docking test.

Test resource	Device type	Version
Release device	**DS-KH6350-WTE1**	**V2.1.38_build220228**
Door Station	DS-KD9203-E6	V2.2.37_build210929
	KD8023-E6	V2.2.2_ build 201019
	DS-KD8003-IME1	V2.2.52_ build 211126
	DS-KB8113-IME1	V2.2.51_ build 211110
	DS-KV8413-WME1(B)	V2.2.53_ build 211104
Indoor Station	DS-KH9510-WTE1	V2.1.28_build210803
	DS-KH6320-LE1	V1.4.58_build210823
	KH6320-WTE1	V2.1.32_build210926
Main Station	KM9503	V1.0.32_build210926

Notes:

Test records only contain the cases for normally devices and do not represent all the scenarios and all the functions.

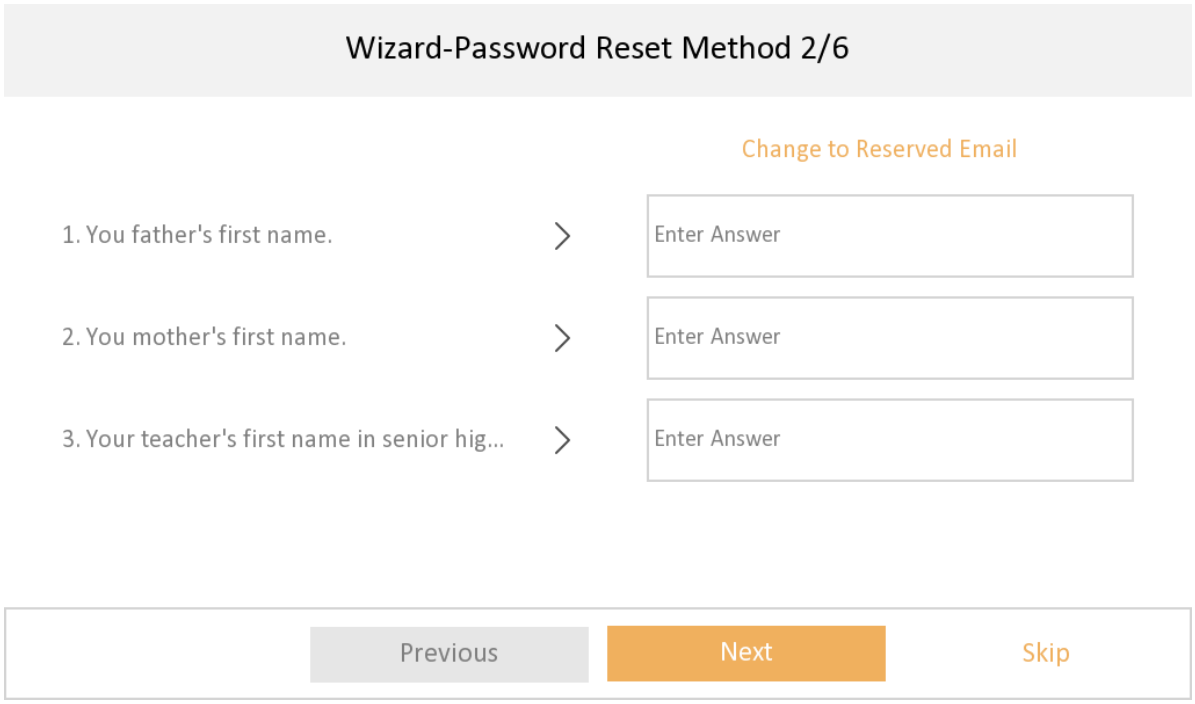
2. New Features

1. New version of the device is based on the last version and develop new appearances.

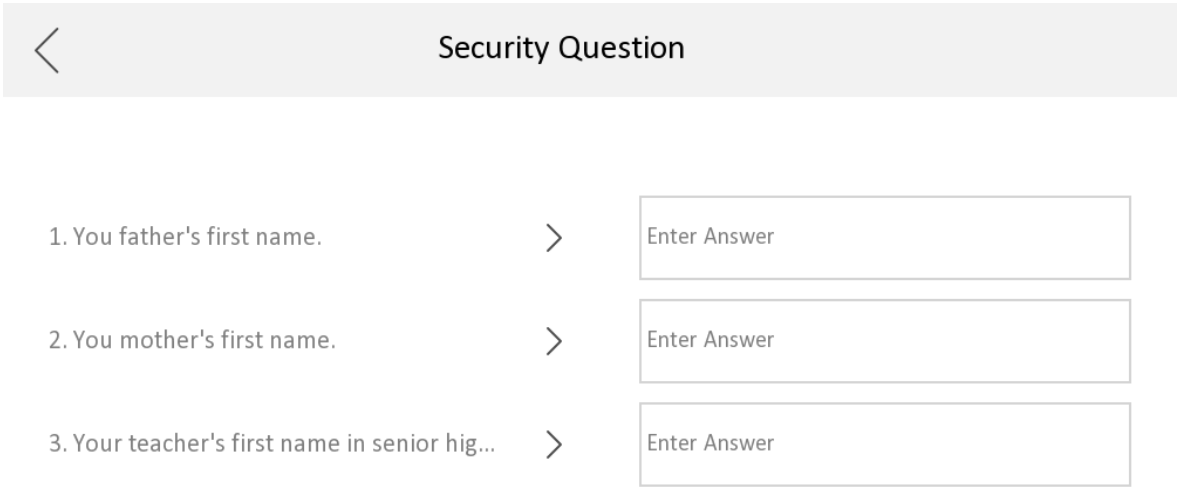


2. Support password recovery by security question. You can set as the following steps.

   (1) ”Wizard”>Password reset method>change to security question.

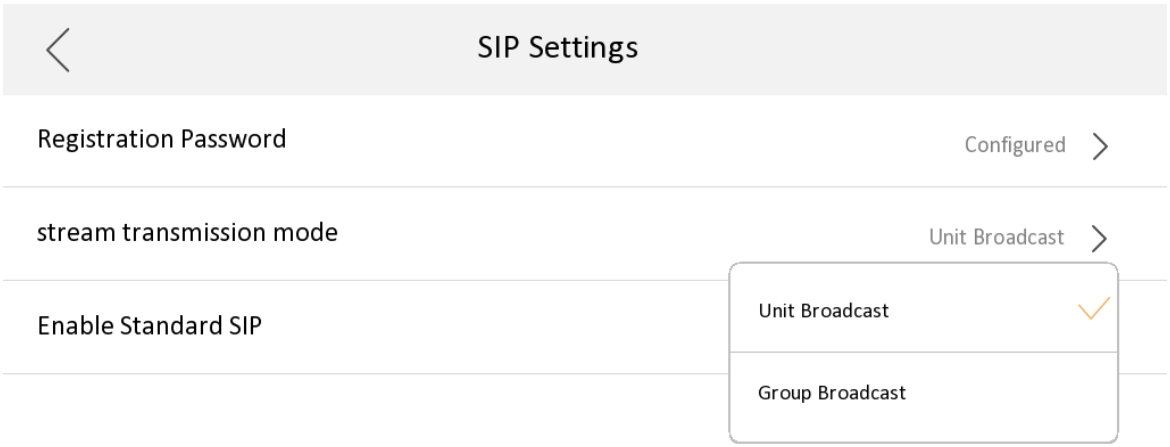


   (2) Configuration>system maintenance>security settings>security question

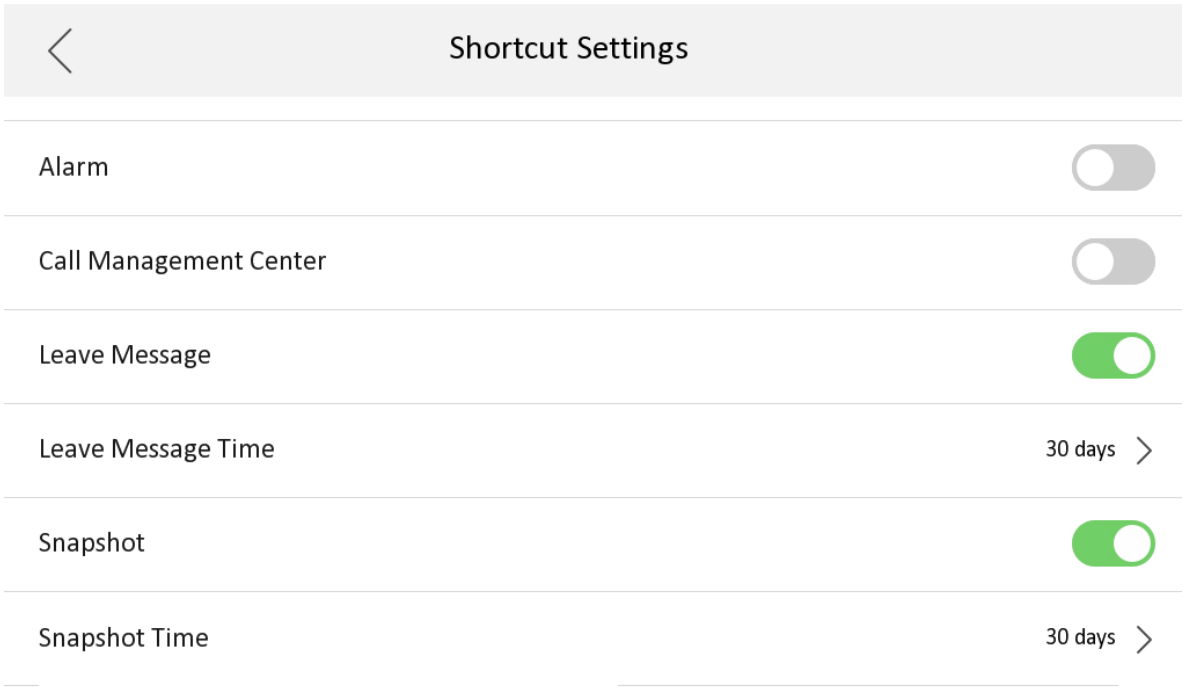


3. The indoor Station adds the configuration item of code stream transmission mode, supporting choosing unicast and multicast。

   According to the web setting for the switchers or the routers.



4. Add message and snapshot configuration options, which are closed by default. After opening, you can configure the deletion time of message and screenshot.



4. Modified

1. The function of password recovery by email is switched to the configuration wizard
2. The compatibility of standard SIP Server is improved: （1）ASTERISK（2）FreePBX（3）3CX（4）ELASTIX（5）PBXware（6）miniSipServer（7）Brekeke（8）OpenSIPs（9）Kamailio

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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