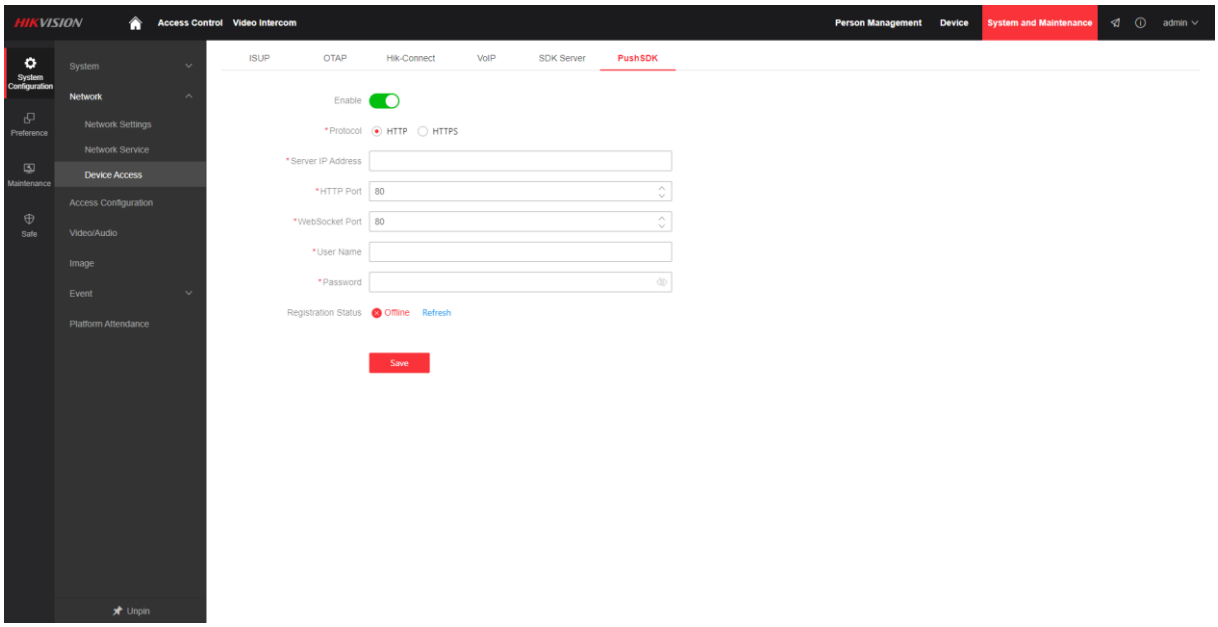
DS-K1T670 Series MinMoe Terminal

Release Notes (2026-2-4)

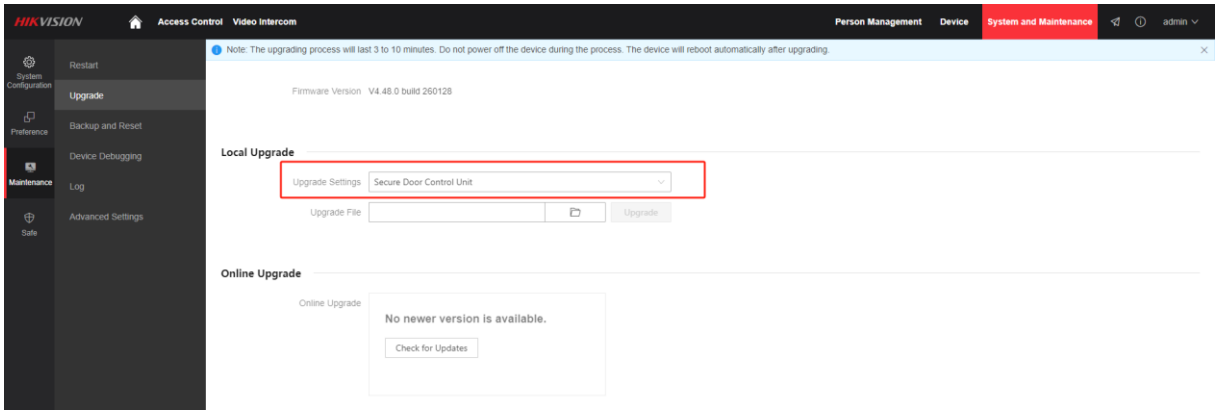
Device Model: DS-K1T670MX, DS-K1T670MX-WE, DS-K1T670MX-WB, DS-K1T670MX-QR, DS-K1T670MFWX, DS-K1T670MWX-QR, DS-K1T670MWX-WEQR, DS-K1T670MWX-WBQR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM:** ACS_670_F1plus_EN_NEU_ V4.48.0_build260128 ACS_670_F1plus_EN_STD_ V4.48.0_build260128 **Extension Module:** **DS-KAB670-QR** **DS-KAB670-QR** ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build250214 **Remote Key fob** **DS-PC2002-WECKV / DS-PC2002-WBCKV** 191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/

New features

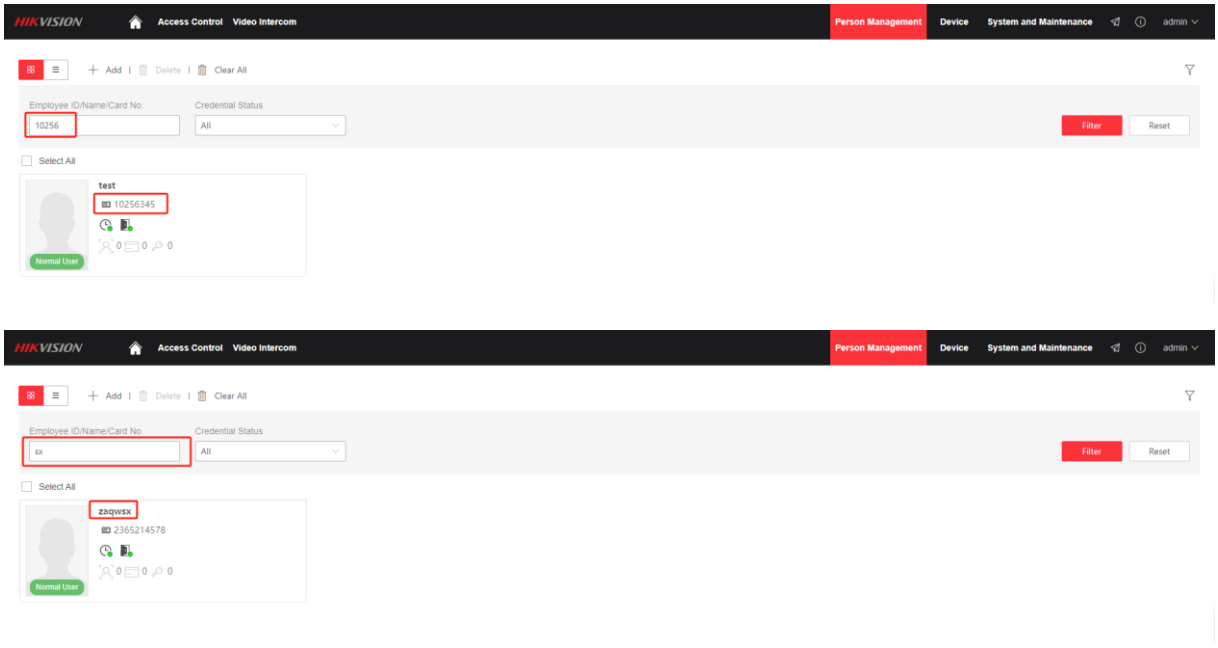
1. Support push SDK



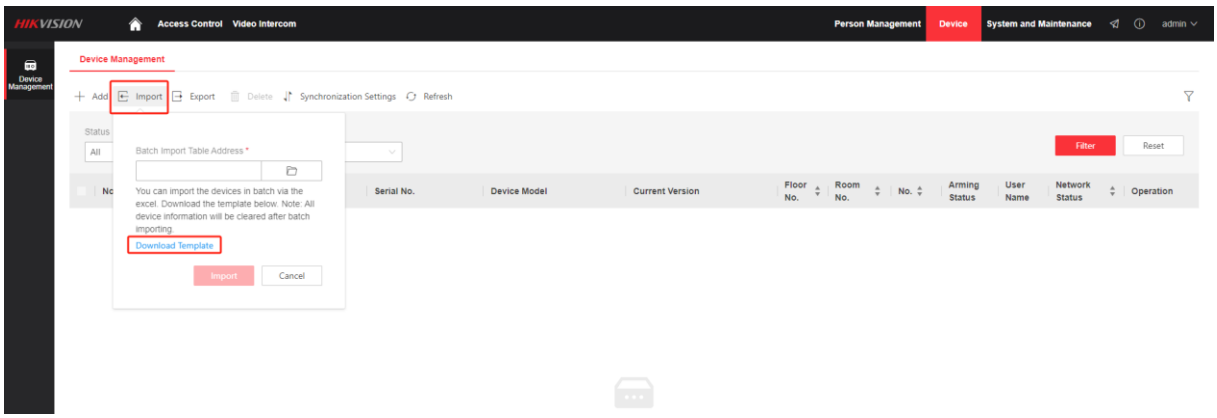
2. Support to upgrade “Secure Door Control Unit” in web page



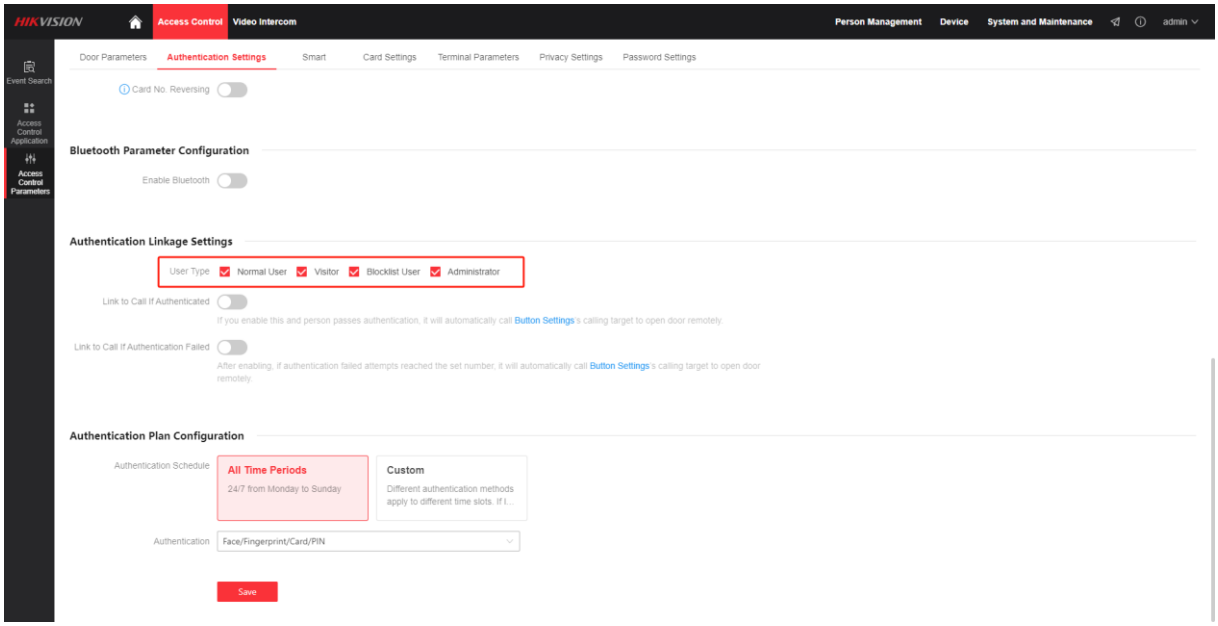
3. Support fuzzy search by personnel ID or name in web page



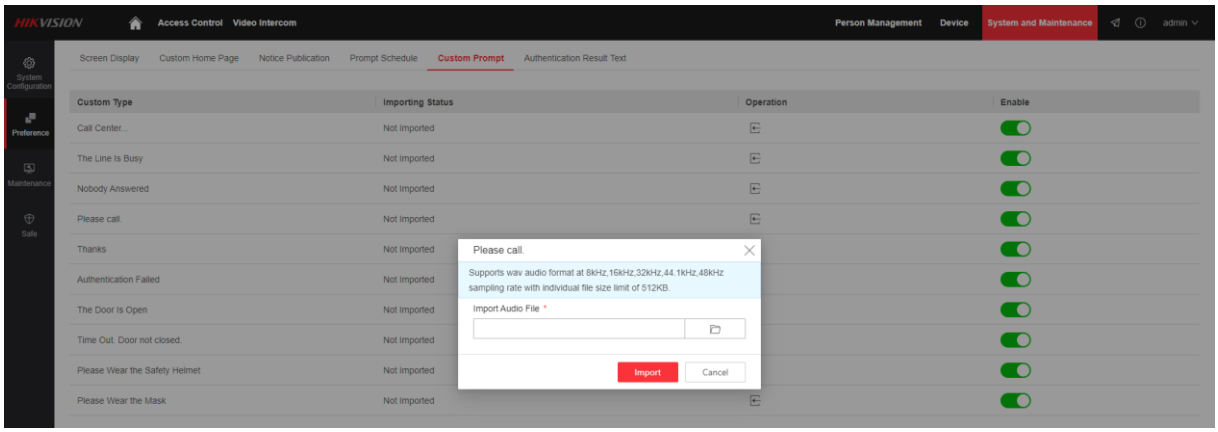
4. Add video intercom features (*batch import and activate sub door stations & indoor stations, configure network parameters, voice mailbox, sync community-building-unit info and master station info to sub door stations & indoor stations*)



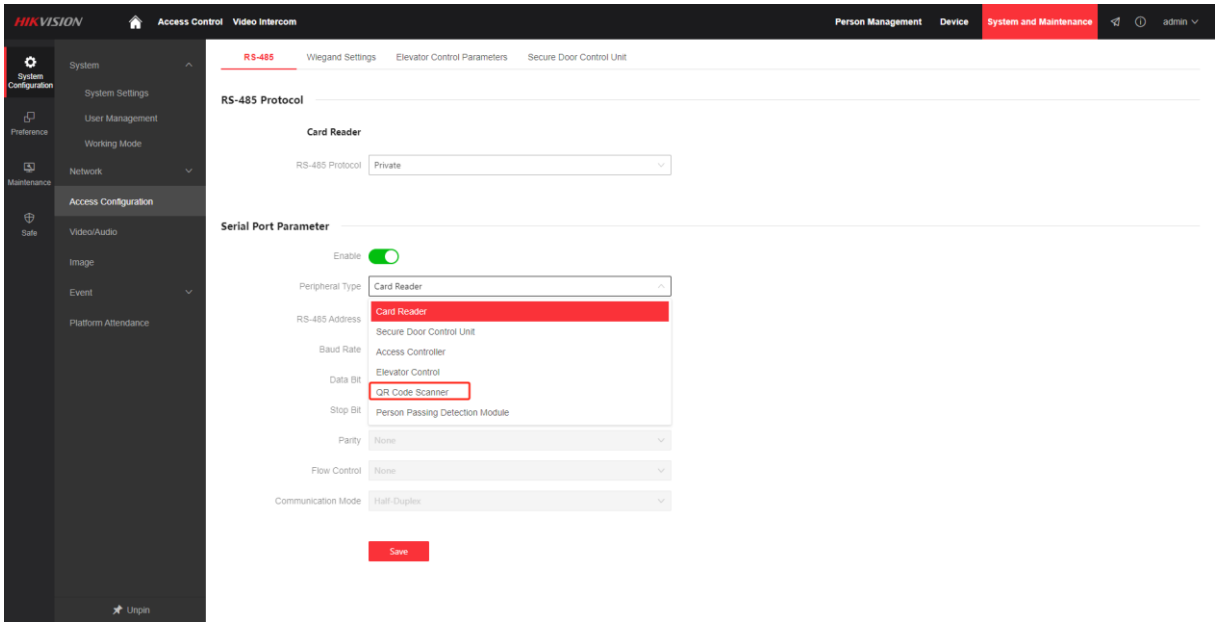
5. Support authentication linkage settings based on user types



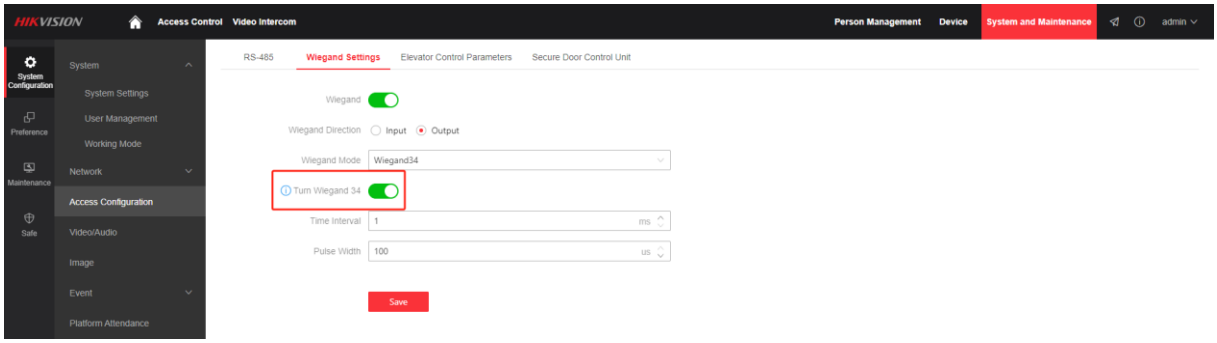
6. Support to verify audio sampling rate when importing audio files



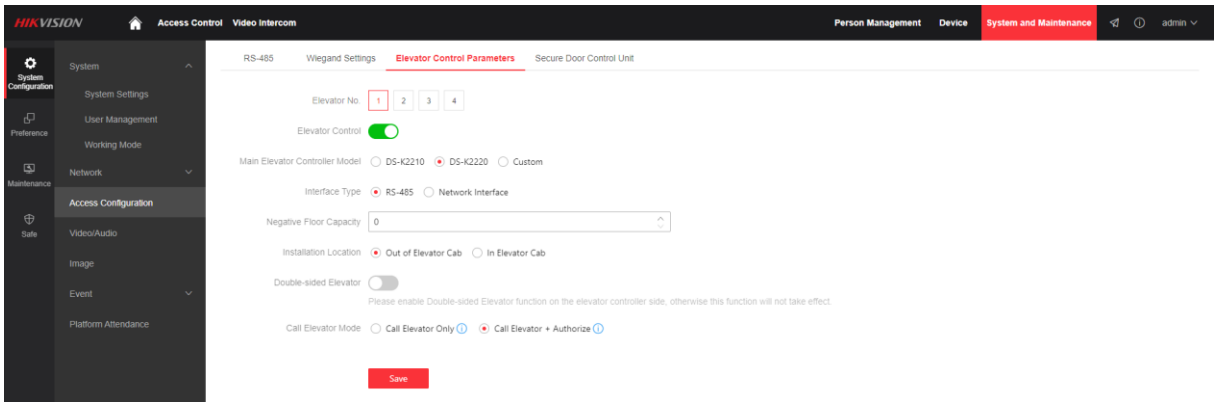
7. Support to scan QR code (with DS-KAB673-QR) when device sleeps
8. Support to connect to QR code scanner (QR300/340) via RS485



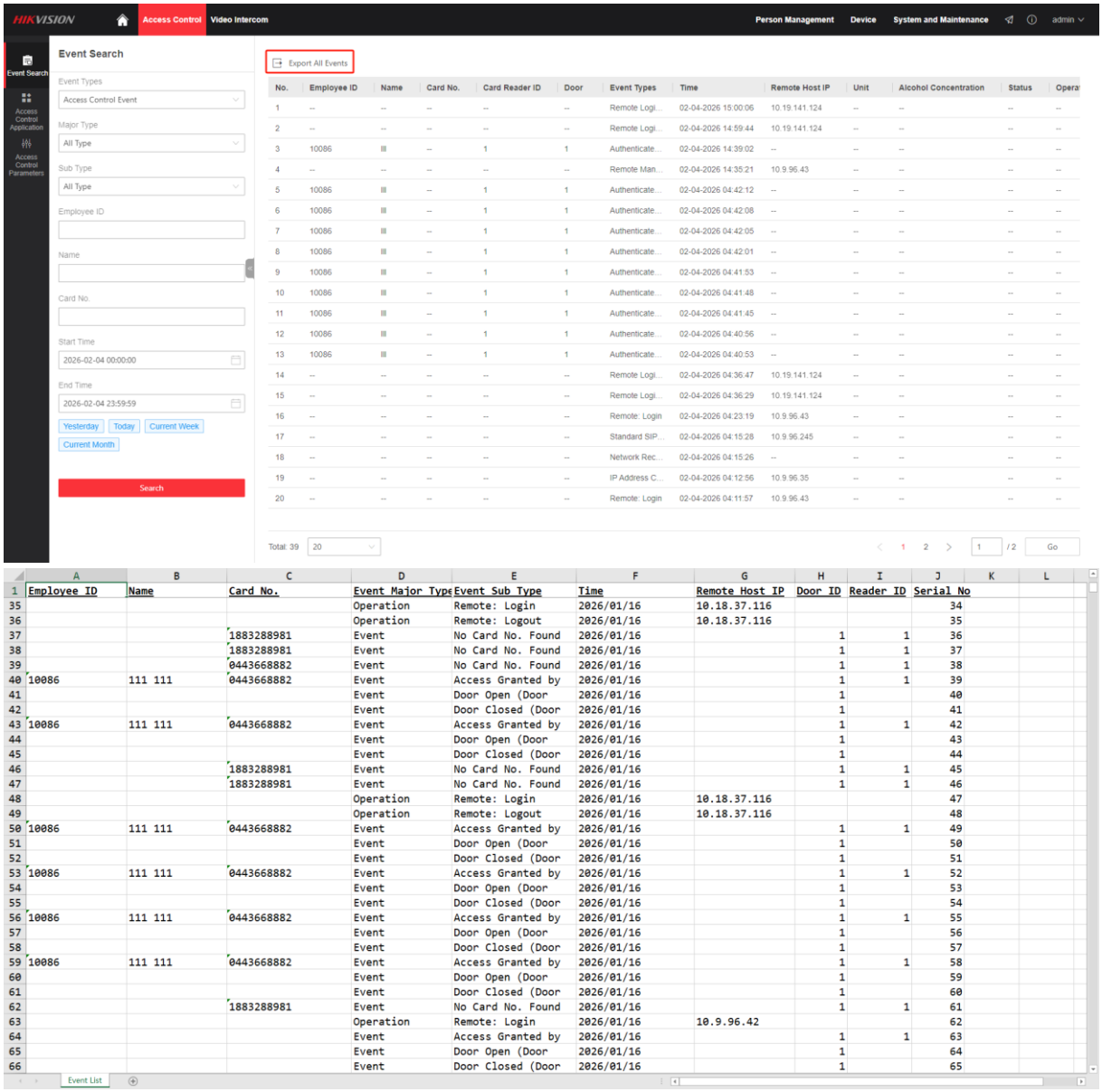
9. Support to fill zero and transfer to wiegand34 format (*10 digitals*) in output direction, as long as the length of original card number doesn't exceed 8 digitals



10. Support elevator control management features



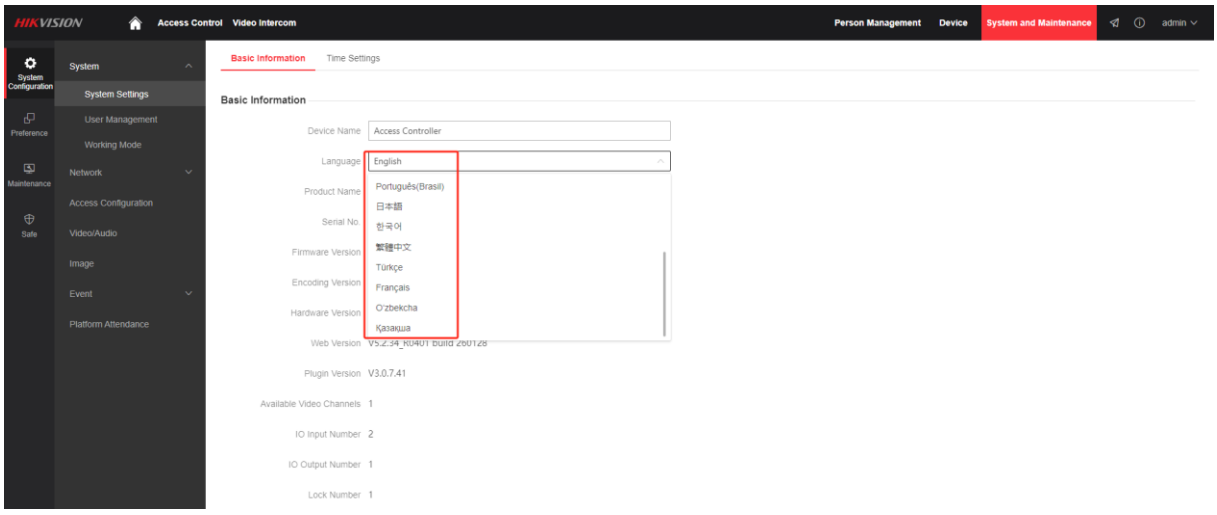
11. Support to directly export events from web page and view it



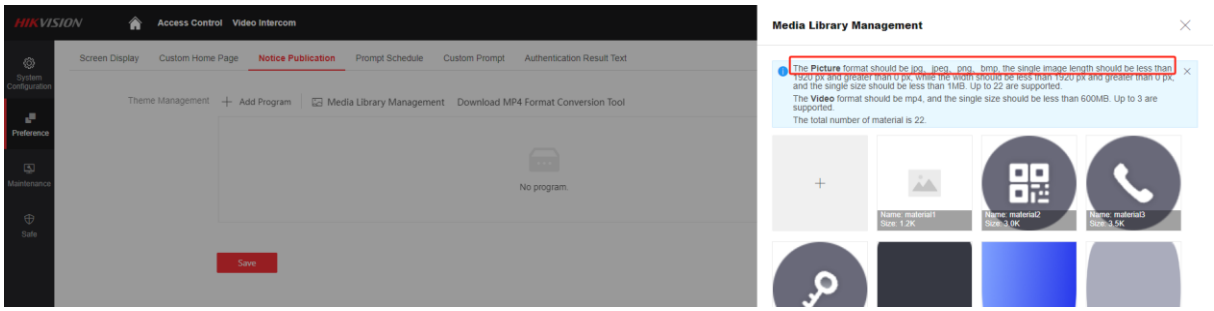
	A	B	C	D	E	F	G	H	I	J	K	L
1	Employee ID	Name	Card No.	Event Major Type	Event Sub Type	Time	Remote Host IP	Door ID	Reader ID	Serial No		
35				Operation	Remote: Login	2026/01/16	10.18.37.116			34		
36				Operation	Remote: Logout	2026/01/16	10.18.37.116			35		
37			1883288981	Event	No Card No. Found	2026/01/16		1	1	36		
38			1883288981	Event	No Card No. Found	2026/01/16		1	1	37		
39			0443668882	Event	No Card No. Found	2026/01/16		1	1	38		
40	10086	111 111	0443668882	Event	Access Granted by	2026/01/16		1	1	39		
41				Event	Door Open (Door	2026/01/16		1		40		
42				Event	Door Closed (Door	2026/01/16		1		41		
43	10086	111 111	0443668882	Event	Access Granted by	2026/01/16		1	1	42		
44				Event	Door Open (Door	2026/01/16		1		43		
45				Event	Door Closed (Door	2026/01/16		1		44		
46			1883288981	Event	No Card No. Found	2026/01/16		1	1	45		
47			1883288981	Event	No Card No. Found	2026/01/16		1	1	46		
48				Operation	Remote: Login	2026/01/16	10.18.37.116			47		
49				Operation	Remote: Logout	2026/01/16	10.18.37.116			48		
50	10086	111 111	0443668882	Event	Access Granted by	2026/01/16		1	1	49		
51				Event	Door Open (Door	2026/01/16		1		50		
52				Event	Door Closed (Door	2026/01/16		1		51		
53	10086	111 111	0443668882	Event	Access Granted by	2026/01/16		1	1	52		
54				Event	Door Open (Door	2026/01/16		1		53		
55				Event	Door Closed (Door	2026/01/16		1		54		
56	10086	111 111	0443668882	Event	Access Granted by	2026/01/16		1	1	55		
57				Event	Door Open (Door	2026/01/16		1		56		
58				Event	Door Closed (Door	2026/01/16		1		57		
59	10086	111 111	0443668882	Event	Access Granted by	2026/01/16		1	1	58		
60				Event	Door Open (Door	2026/01/16		1		59		
61				Event	Door Closed (Door	2026/01/16		1		60		
62			1883288981	Event	No Card No. Found	2026/01/16		1	1	61		
63				Operation	Remote: Login	2026/01/16	10.9.96.42			62		
64				Event	Access Granted by	2026/01/16		1	1	63		
65				Event	Door Open (Door	2026/01/16		1		64		
66				Event	Door Closed (Door	2026/01/16		1		65		

Event List

12. Add Kazakh language and Uzbek language

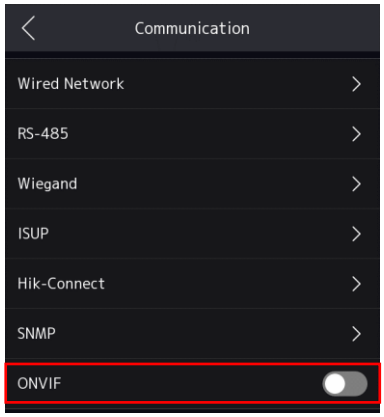


13. Add new picture formats: .jpg, .png and .bmp

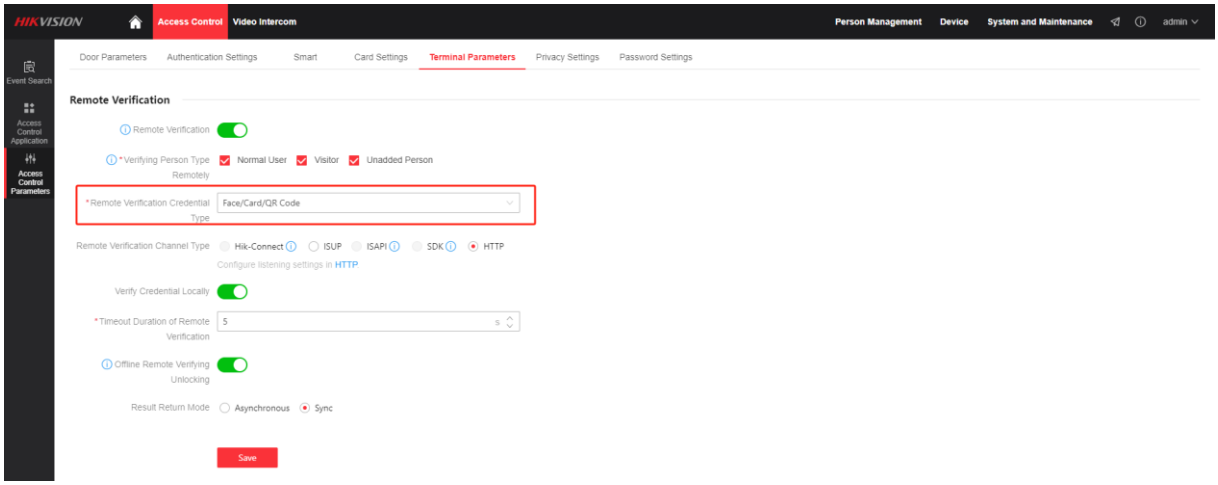


Optimizations

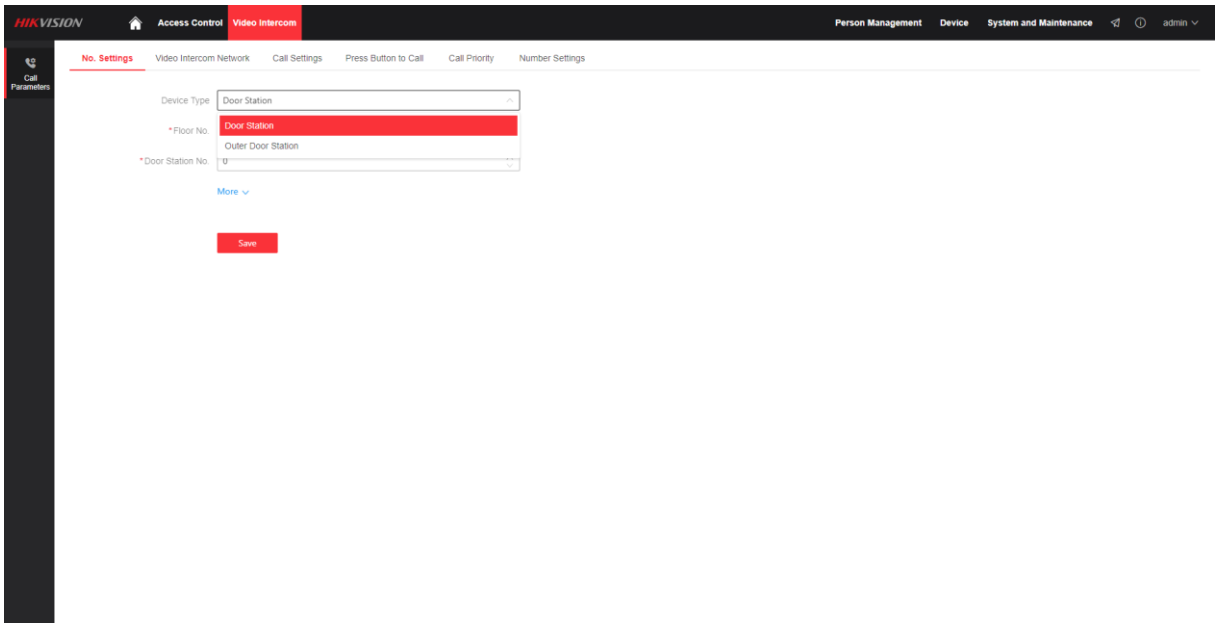
1. Support to manually enable ONVIF in local page



2. Increase dynamic employee QR code valid periods and times (one month & 1000 times，before they were 7 days & 255 times)
3. Optimize mobile access feature(*QR code, Bluetooth and NFC*)
4. Optimize remote verification features (*remote verification credential types, add QR code authentication events, user-define authentication result text and voice prompt, default authentication channel is ISAPI*)



5. Person information will be removed when switch from door station mode to outer door station mode



DS-K1T670 Series MinMoe Terminal Release Notes (2025-09-13)

Device Model: DS-K1T670MX, DS-K1T670MX-WE, DS-K1T670MX-WB, DS-K1T670MX-QR, DS-K1T670MFWX, DS-K1T670MWX-QR, DS-K1T670MWX-WEQR, DS-K1T670MWX-WBQR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM:** ACS_670_F1plus_EN_NEU_V4.39.200_build250913 ACS_670_F1plus_EN_STD_V4.39.200_build250913 **Extension Module:** **DS-KAB670-QR** **DS-KAB670-QR** ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build250214 **Remote Key fob** **DS-PC2002-WECKV / DS-PC2002-WBCKV** 191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/

Optimizations

1. Fix DST (daylight saving time) issue. After rebooting, the device DST remains correct
2. Fix calling-elevator issue. K1T670 is able to call corresponding floors after indoor stations release elevator buttons permission
3. Fix local authentication & remote unlock issue
4. Fix remote verification issue
5. Fix ONVIF issue

DS-K1T670 Series MinMoe Terminal Release Notes (2024-03-20)

Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM:** ACS_670_F1plus_EN_NEU_V4.39.20_build250211 ACS_670_F1plus_EN_STD_V4.39.20_build250211 **Extension Module:** **DS-KAB670-QR** **DS-KAB670-QR** ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build250214 **Remote Key fob** **DS-PC2002-WECKV / DS-PC2002-WBCKV** 191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/

Optimizations

Optimize the firmware to improve production efficiency

DS-K1T670 Series MinMoe Terminal Release Notes (2024-02-10)

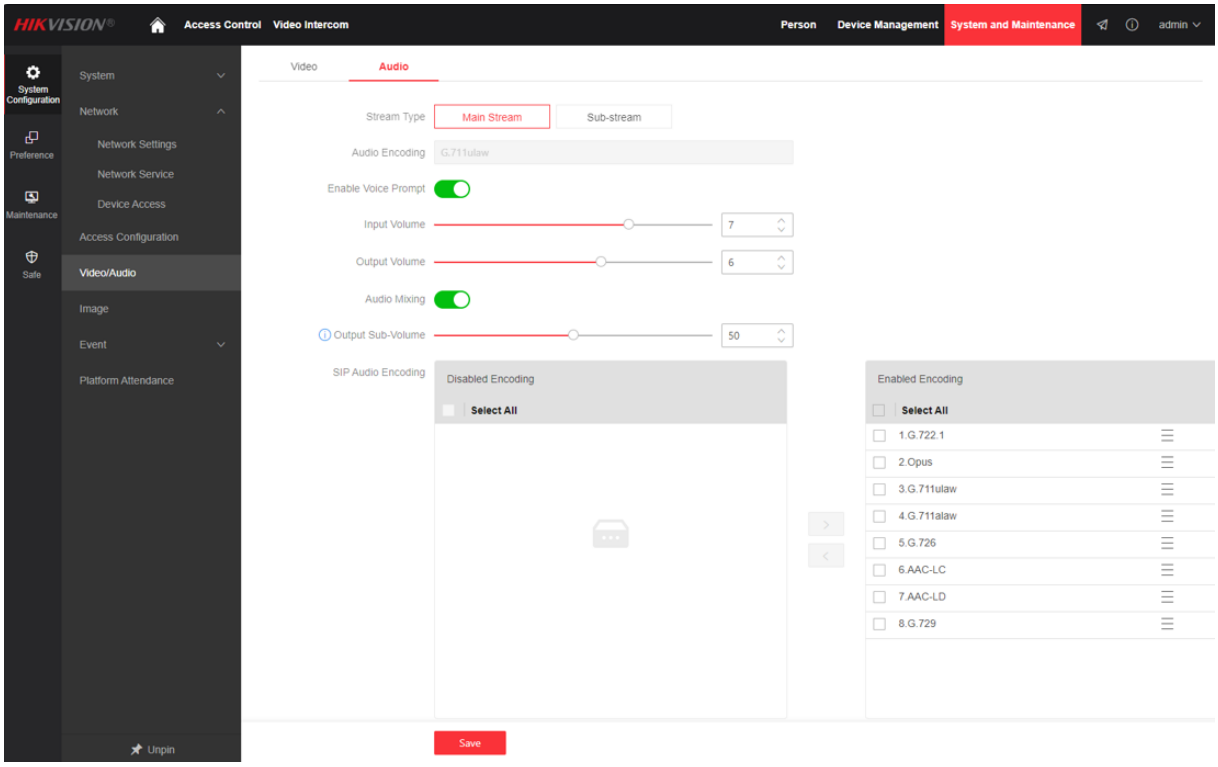
Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM:** ACS_670_F1plus_EN_NEU_V4.39.0_build250121 ACS_670_F1plus_EN_STD_V4.39.0_build250121 **Extension Module:** **DS-KAB670-QR** **DS-KAB670-QR** ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build241105 **Remote Key fob** **DS-PC2002-WECKV / DS-PC2002-WBCKV**

		191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/

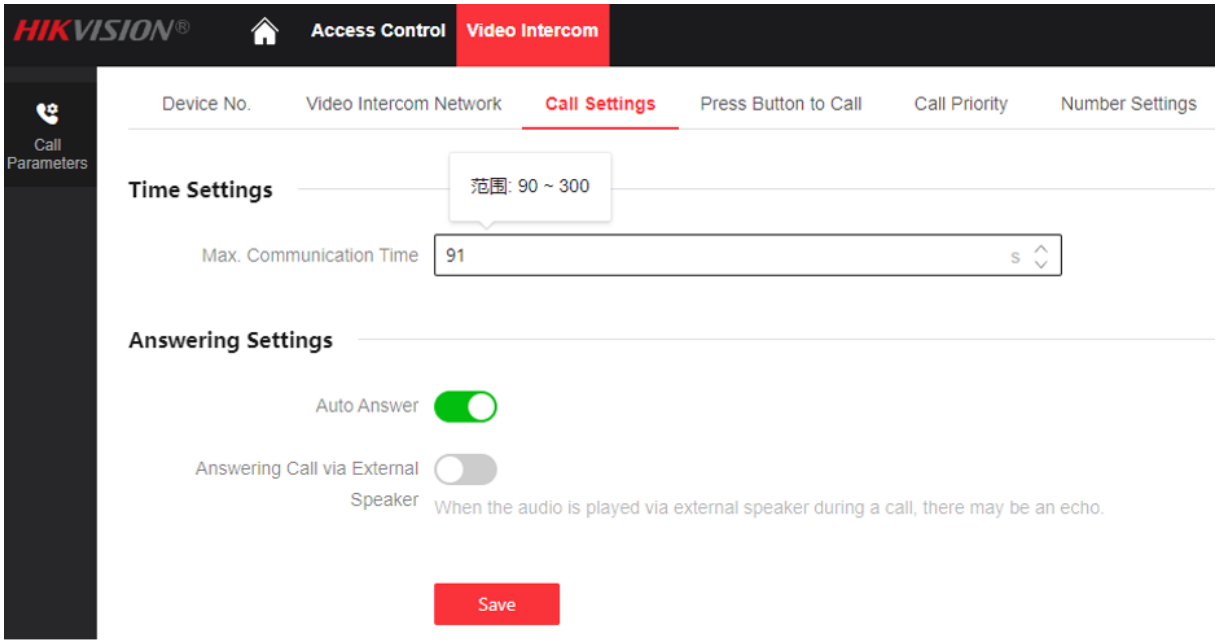
New Features

- **Video intercom**

1. Supports preview before answering for VoIP
2. In the remote door opening event of a SIP call, the room number can be uploaded
3. Support the door station being called
4. Optimized intercom audio encoding capabilities, improving audio sampling rate



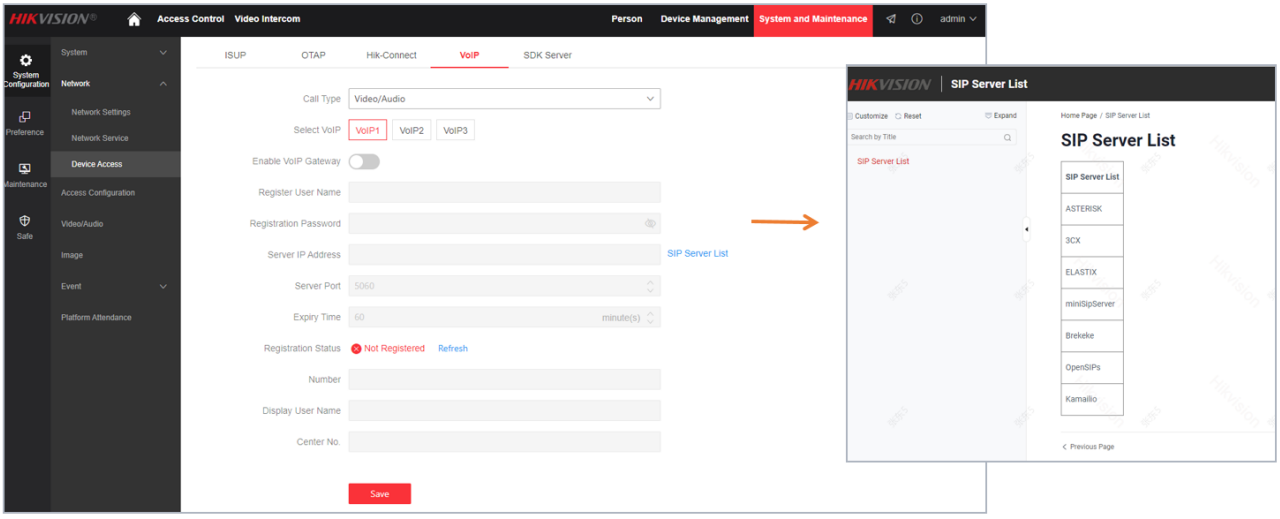
5. Modify the maximum call duration for intercom form 180 to 300



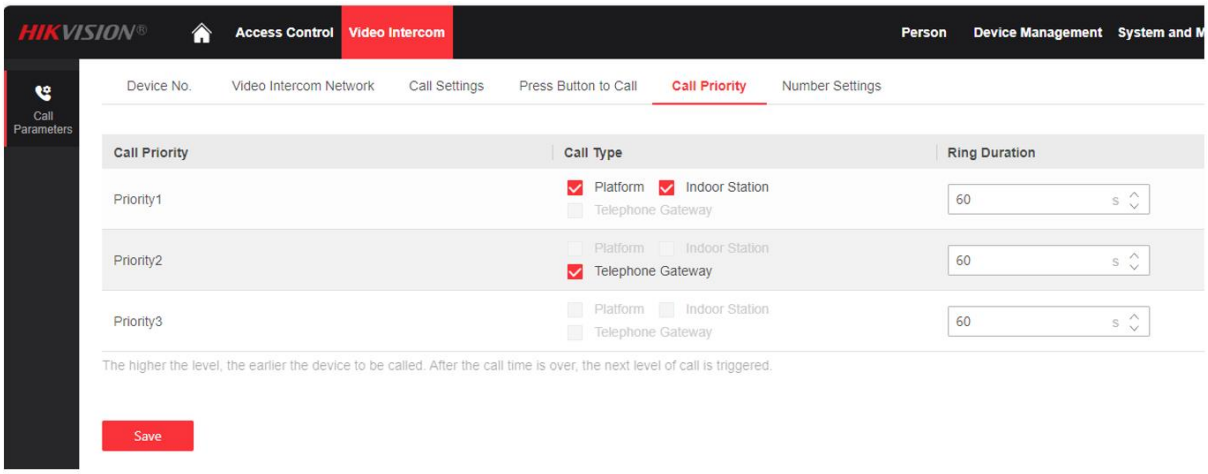
6. Support configuration of up to 3 VoIP servers

SIP Server List:

ASTERISK, 3CX, ELASTIX, miniSipServer, Brekeke, OpenSIPs, Kamailio

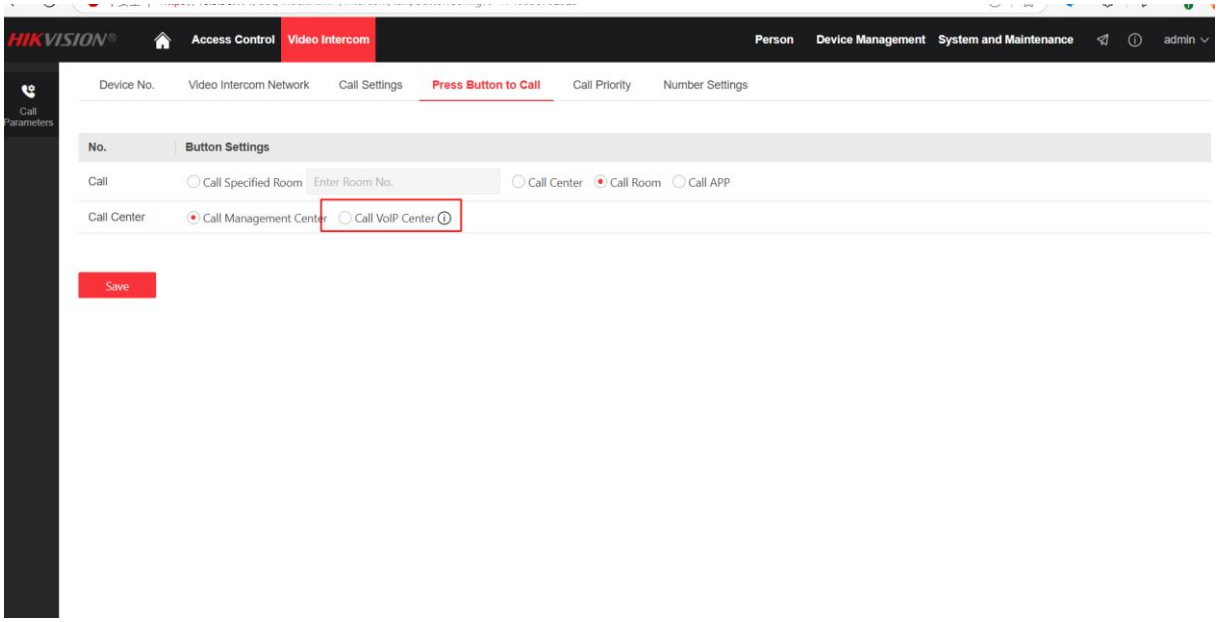


7. Support configuration of SIP call mode



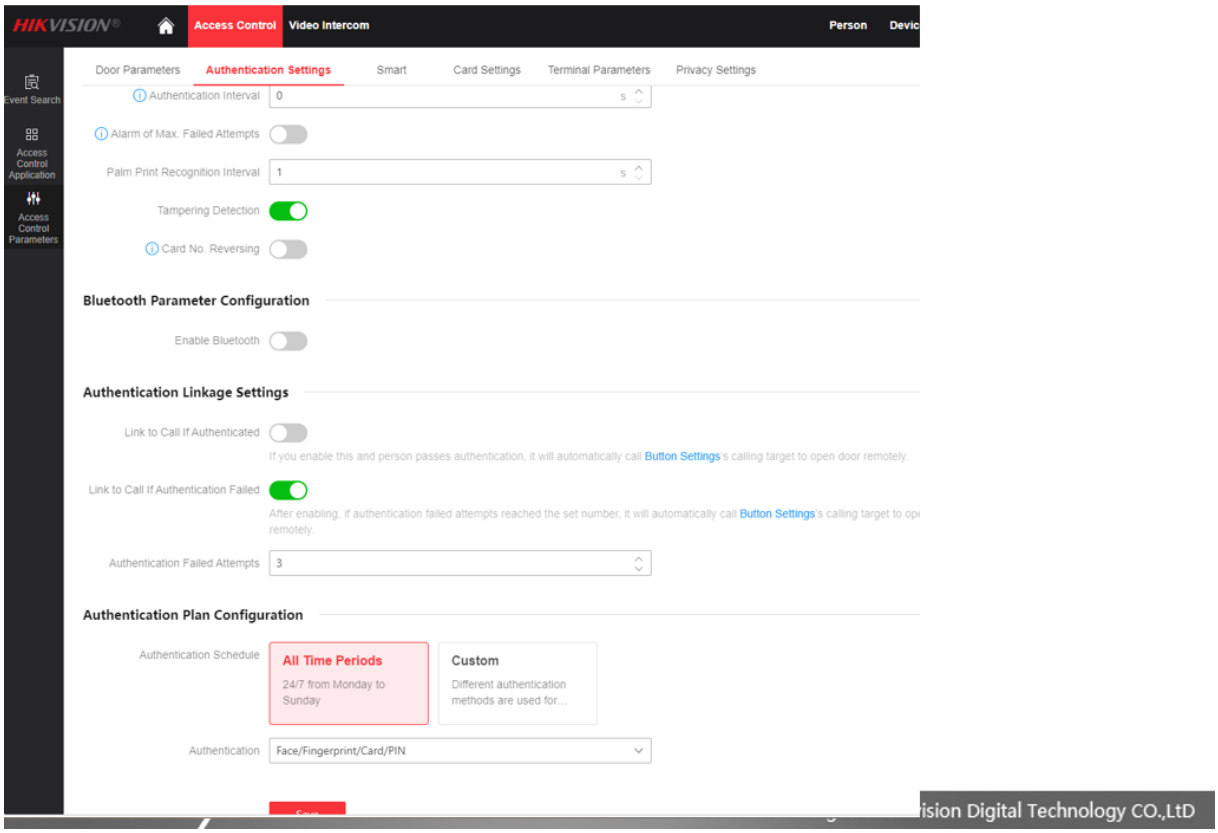
8. Support returning to the home page during a call on the screen
9. Support returning to the call interface after a call timeout
10. Support automatic dialing from the dialing interface
11. Support one-click call to the VoIP center

Remark: Added VoIP center as call center. When you push calling center button, the VoIP center will be called.



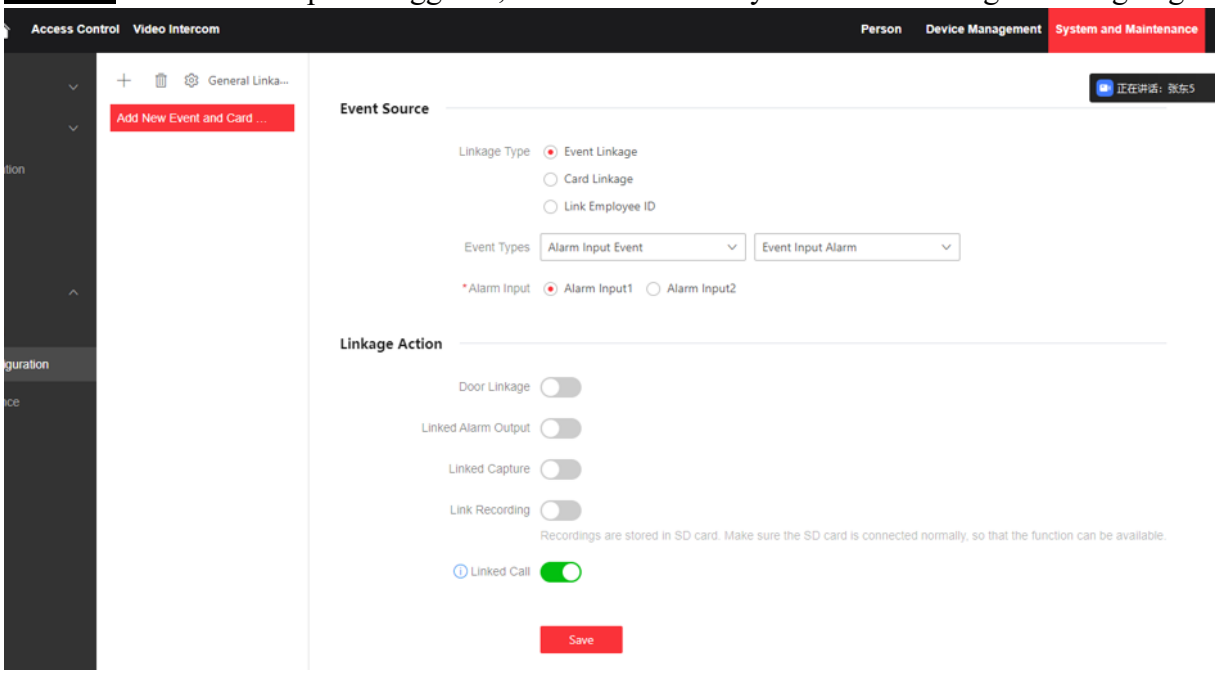
12. Support linkage calls for authentication failure

Remark: if authentication failed attempts reached the set number, it will automatically call button settings's calling target.



13. Support alarm input linkage calls

Remark: If the alarm input is triggered, it will automatically call button settings's calling target.



14. The main screen and extension module supports one-click call to the VoIP center

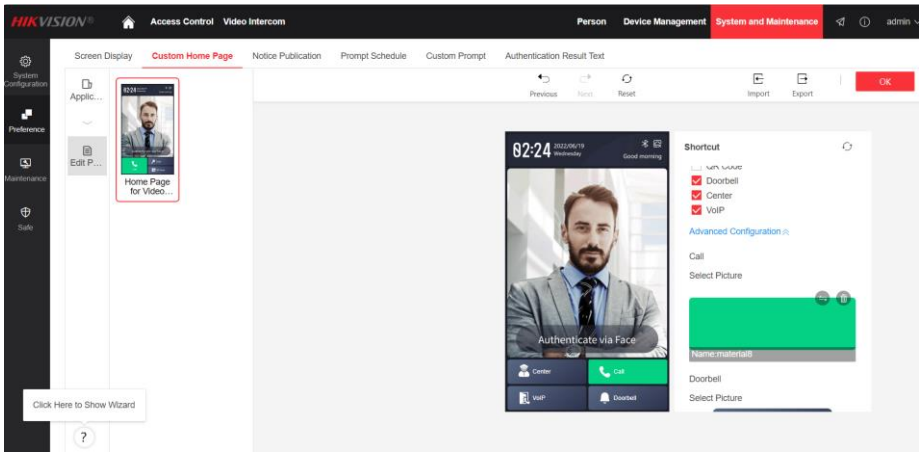
Remark: DS-KAB670-WE and DS-KAB670-WB can be connected by 670 USB-typeC. VoIP can be called when you push the calling button on DS-KAB670-WE or DS-KAB670-WB.

15. Support Hik-Connect Team Cloud Intercom

16. Support intercom mode configuration

Remark: The main screen can be configured with call modes, and the function buttons can be

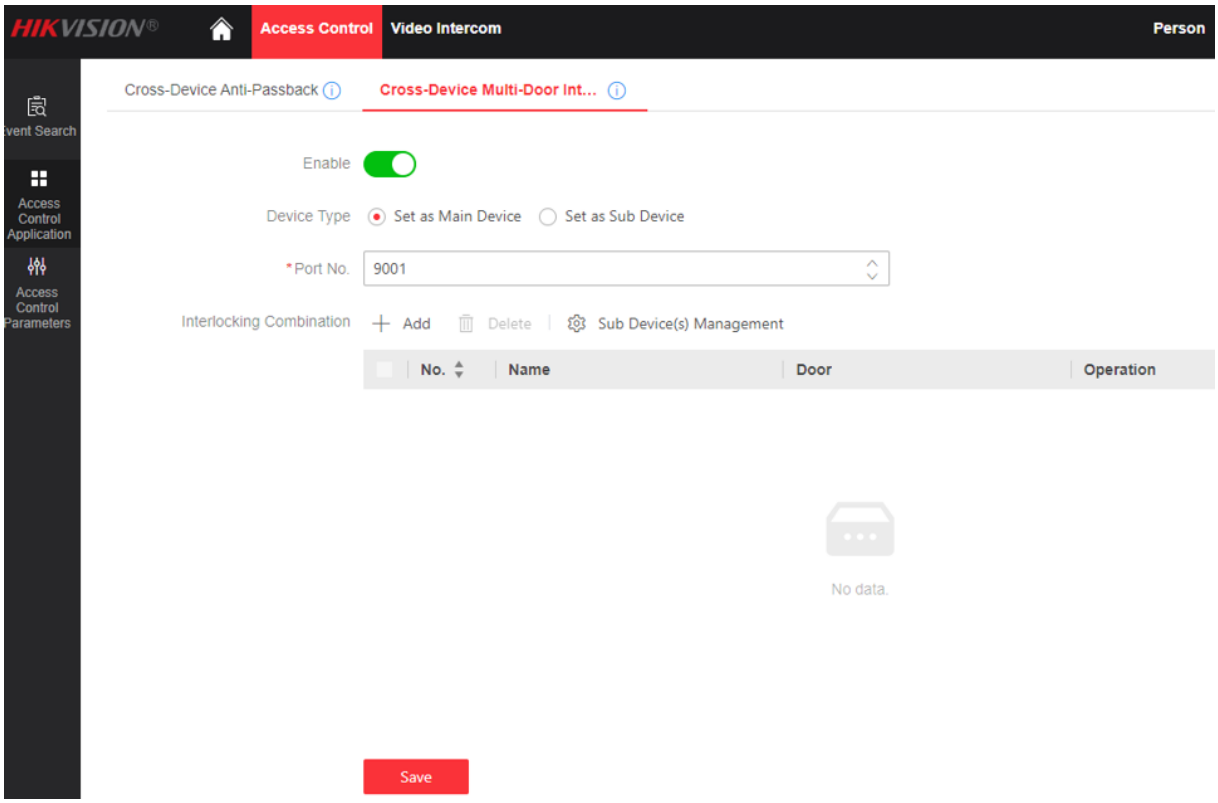
customized.

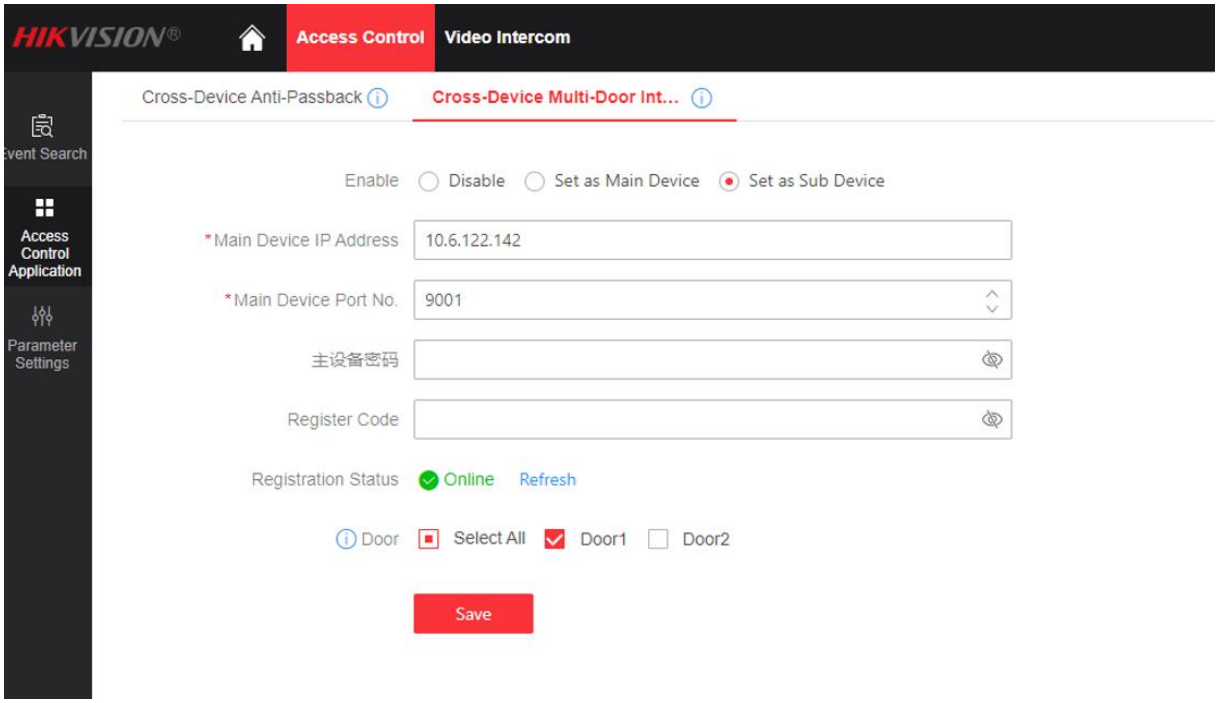


- **Access control**

1. Support multi-door interlock between devices

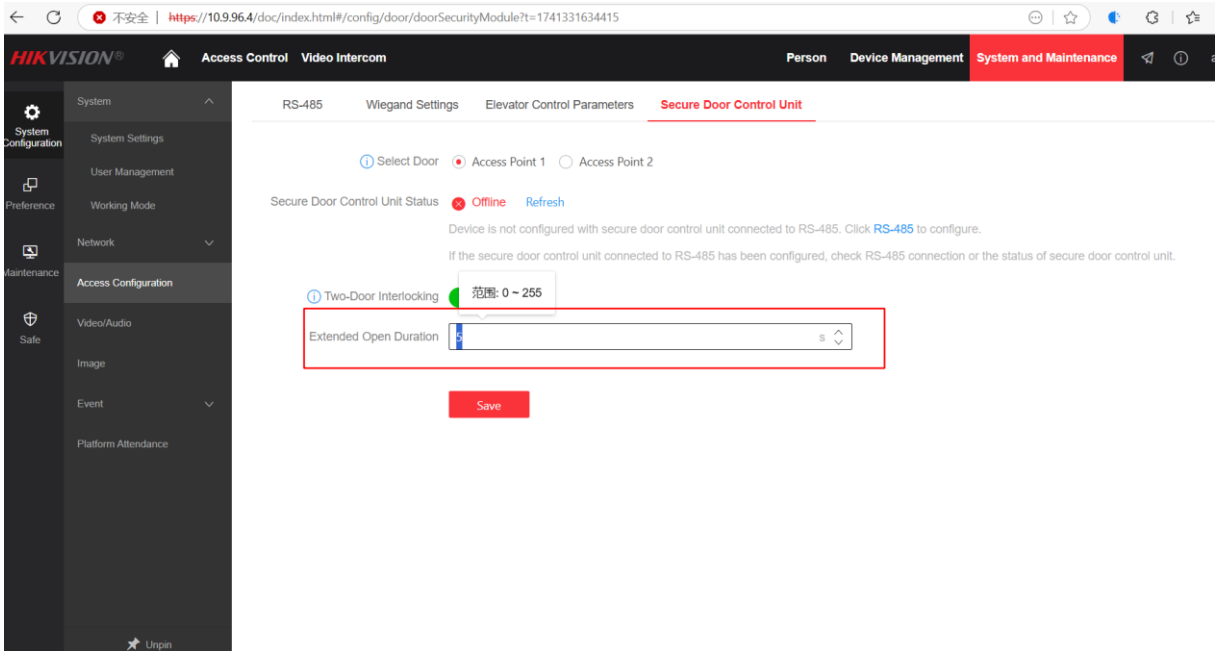
Remark: Users can configure the doors of different devices as interlock groups, and if one of the doors in the interlock group is open, the other doors cannot be opened.





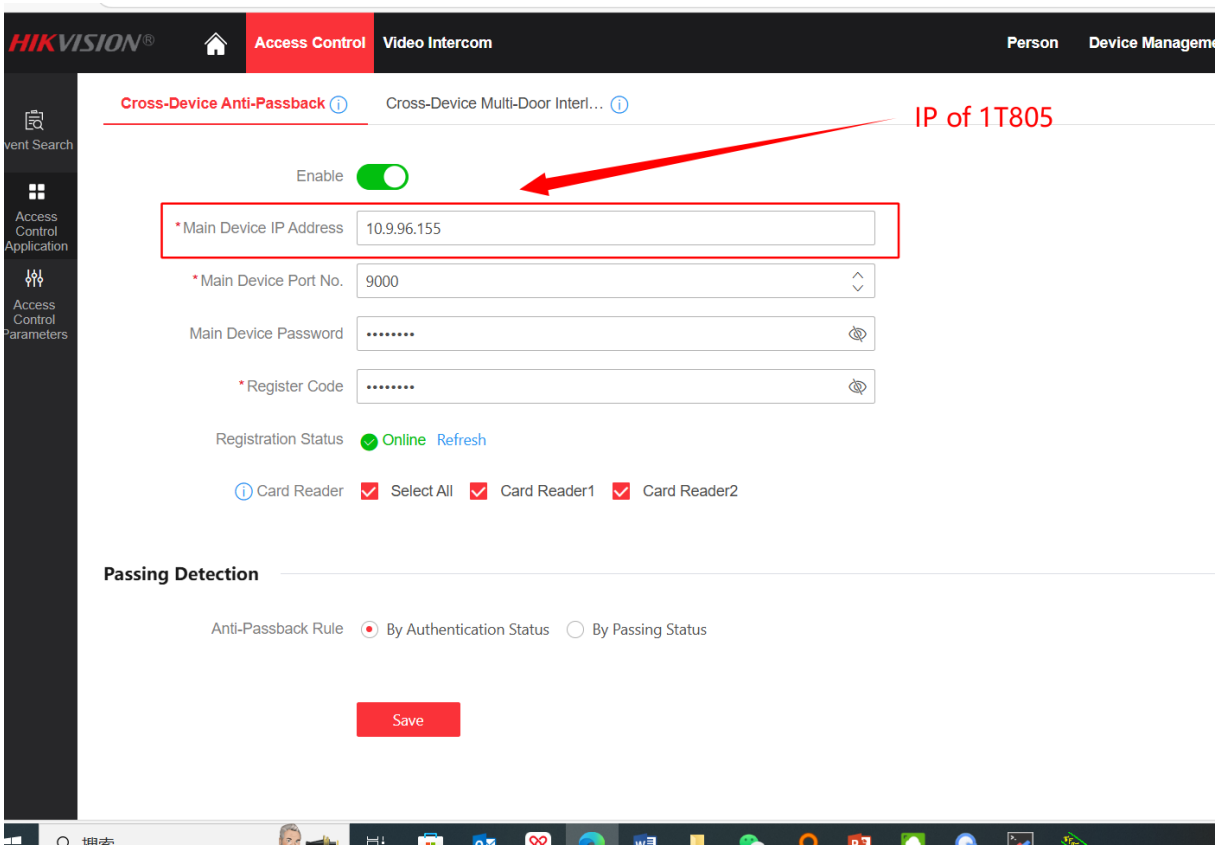
2. Support multi-door interlock delay for door opening in the device

Remark: form 0 to 255 seconds.

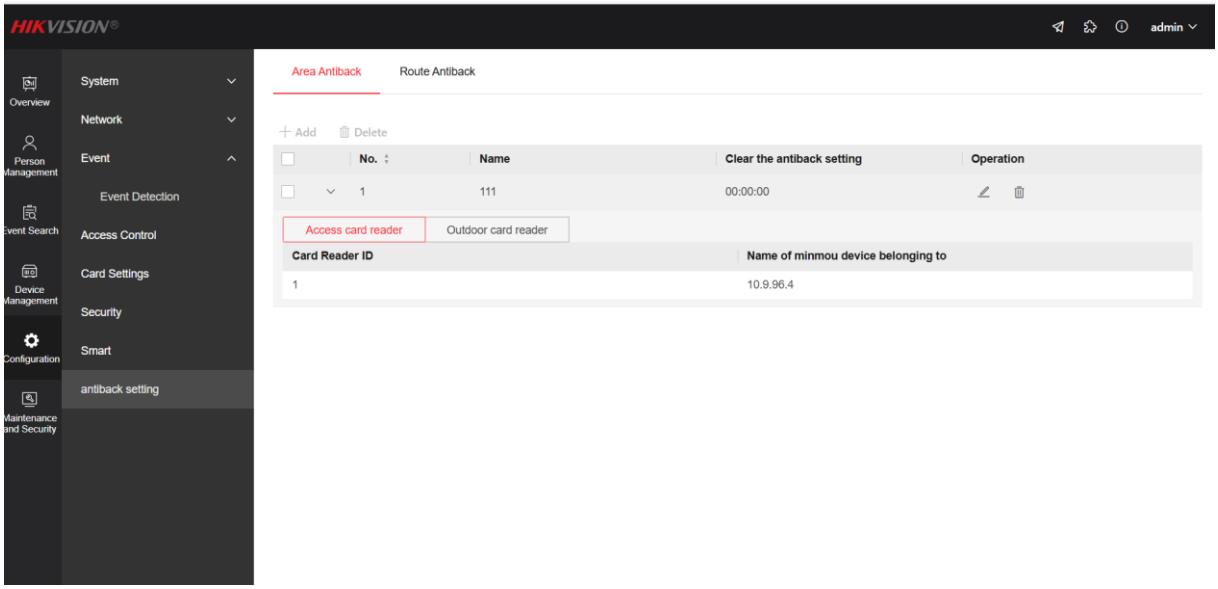


3. Support cross-device anti-passback as a slave device configuration

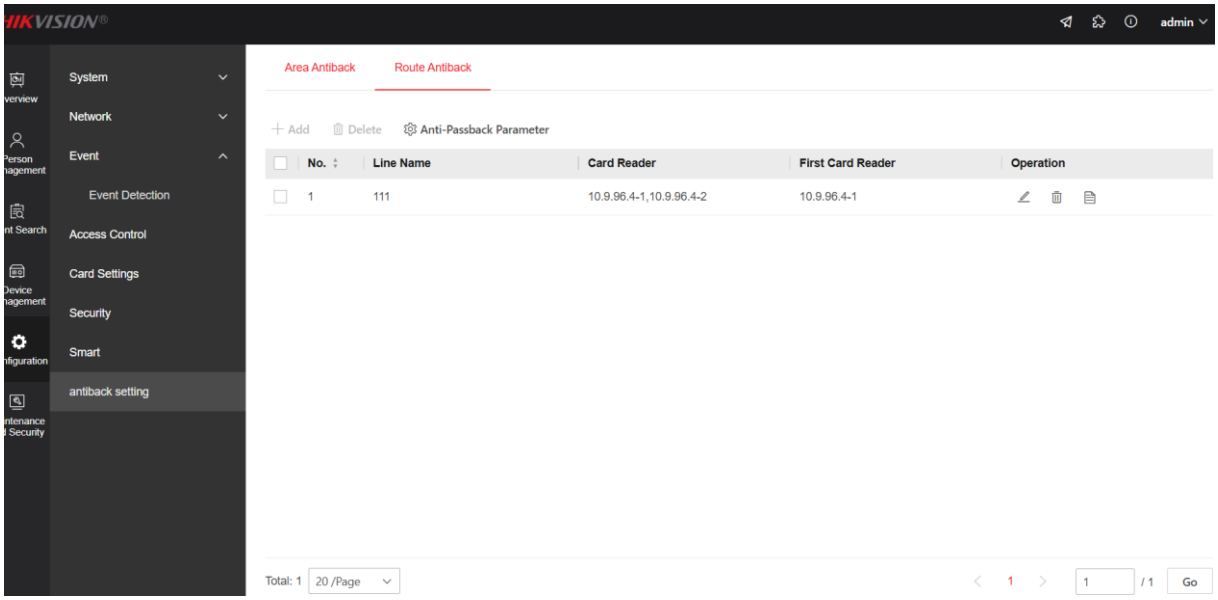
Remark: It is paired with a customized version firmware of DS-K1T805FW(V1.8.1 build) who is used as anti-passback server.



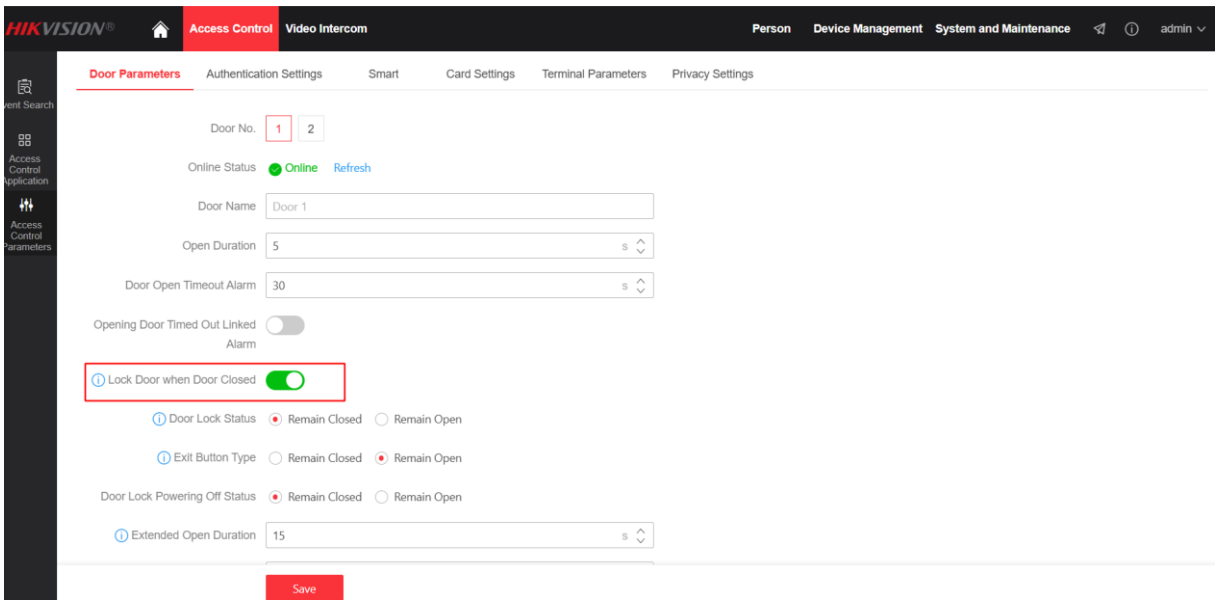
Area Antiback: The entry and exit of people in the area must be matched, otherwise it will not be passable.



Route Antiback: Personnel must be certified in turn according to the set route, and the passage is only one way.

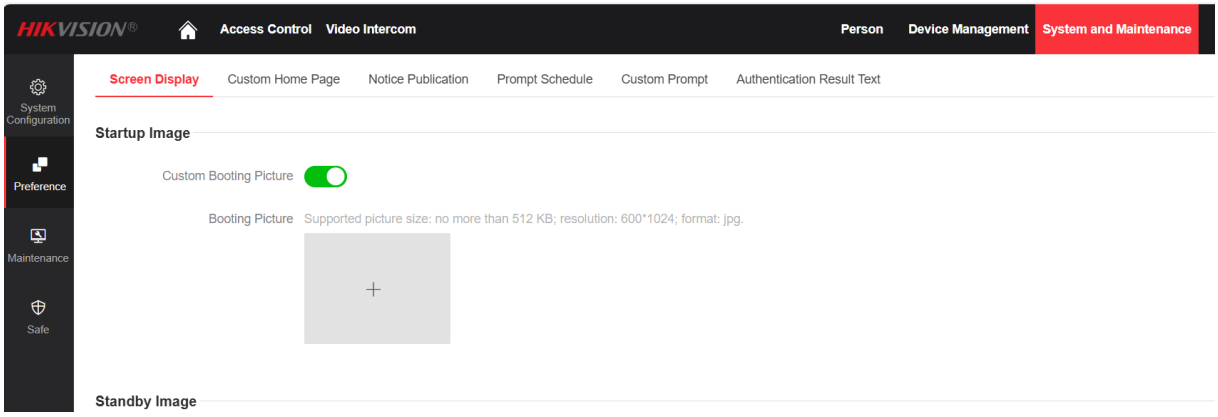


4. Support locking door when door close

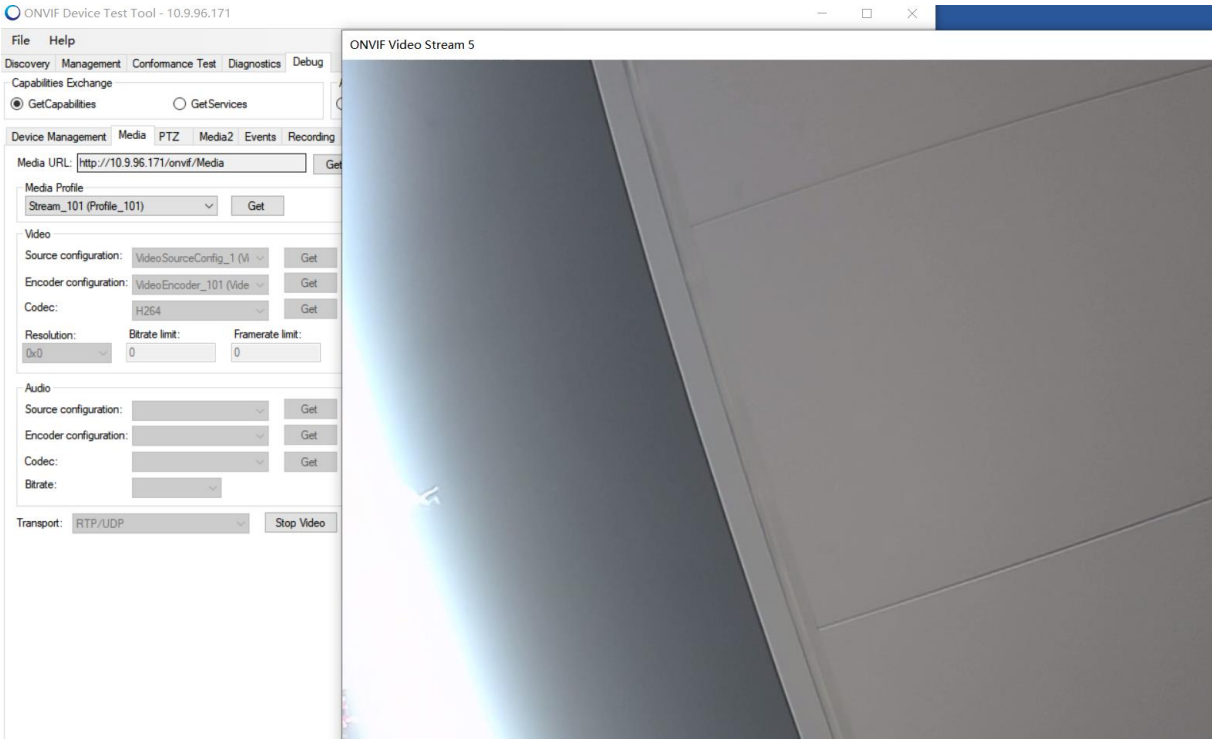


- **Others**

1. Multi-language added: Chinese traditional, French, Turkish
2. Support custom standby images

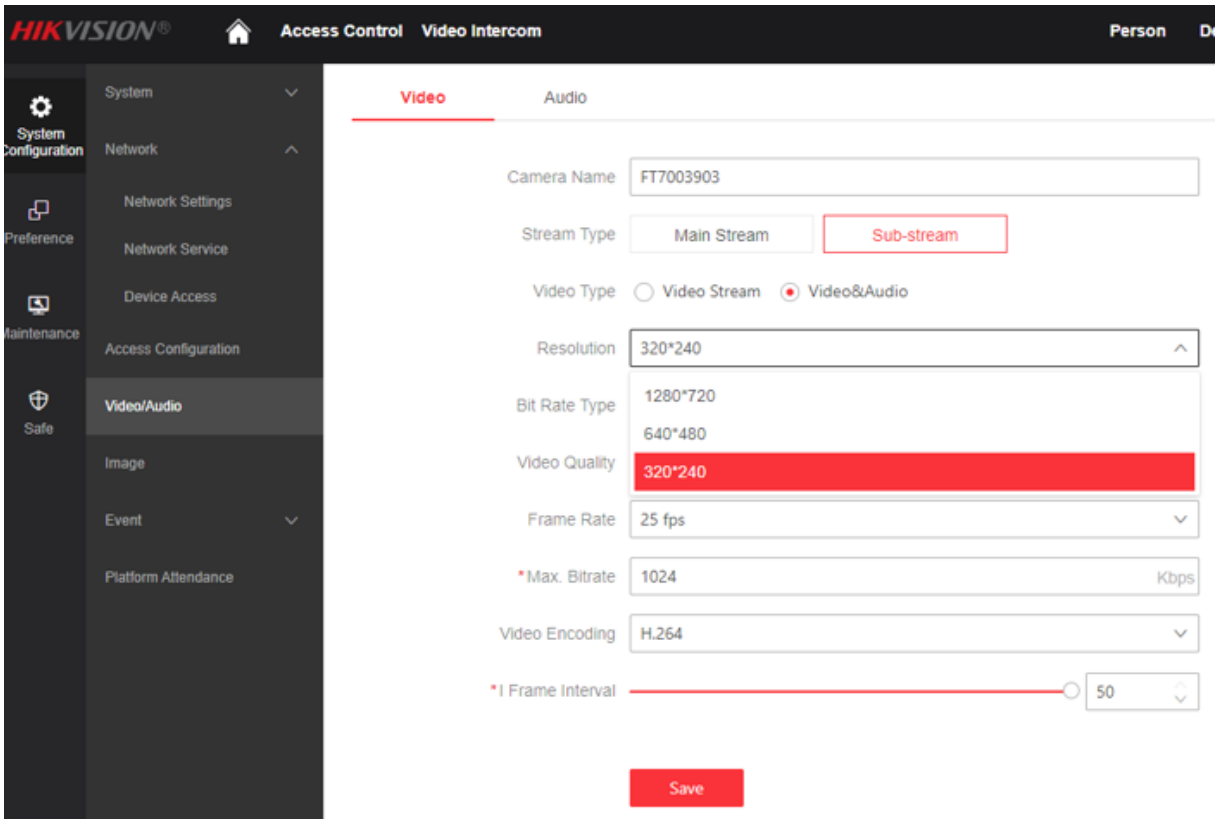


3. Support ONVIF stream fetching

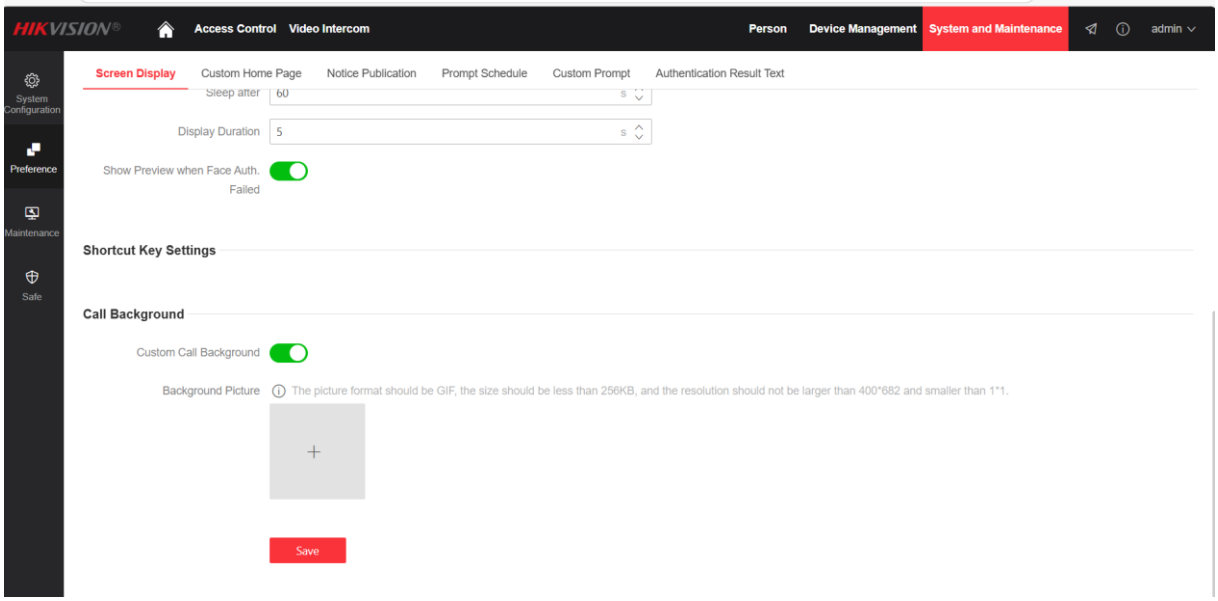


4. Support sub-stream 320x240

Remark: sub-stream is an independent stream that is separated from the main stream during the video encoding process and used for a specific purpose or device.

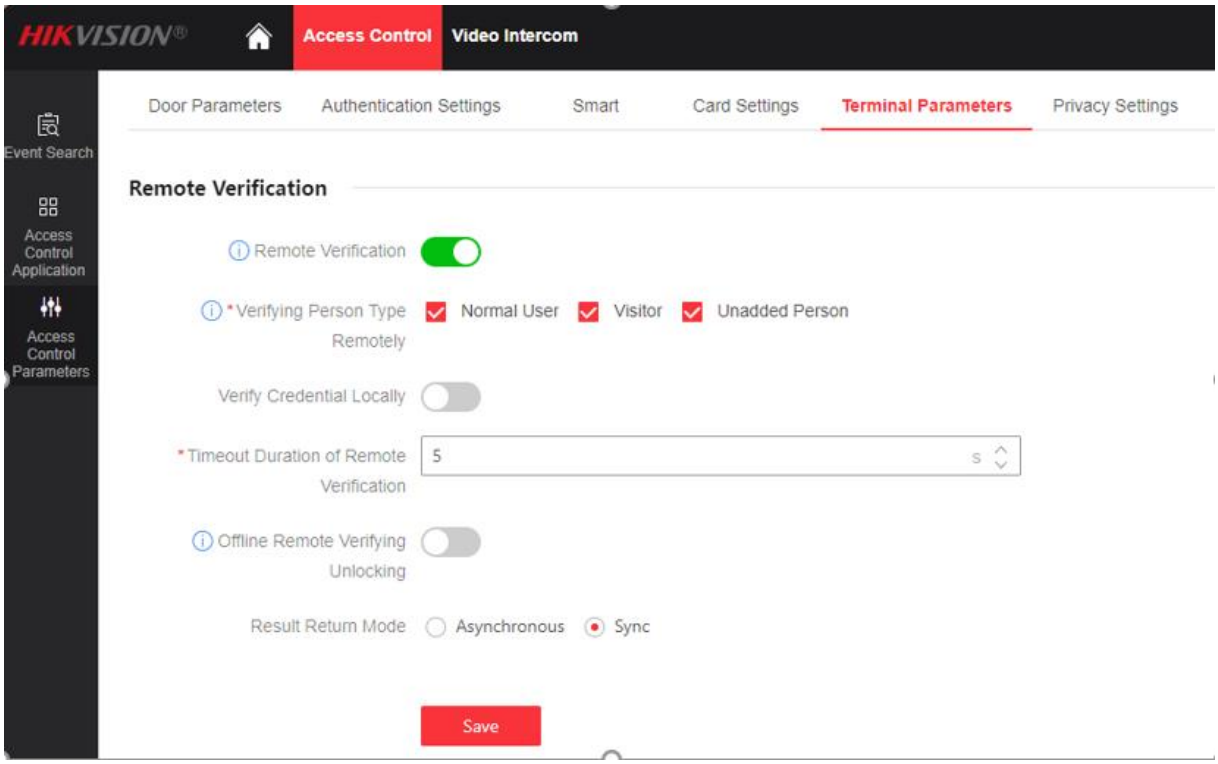


5. Support custom call background images



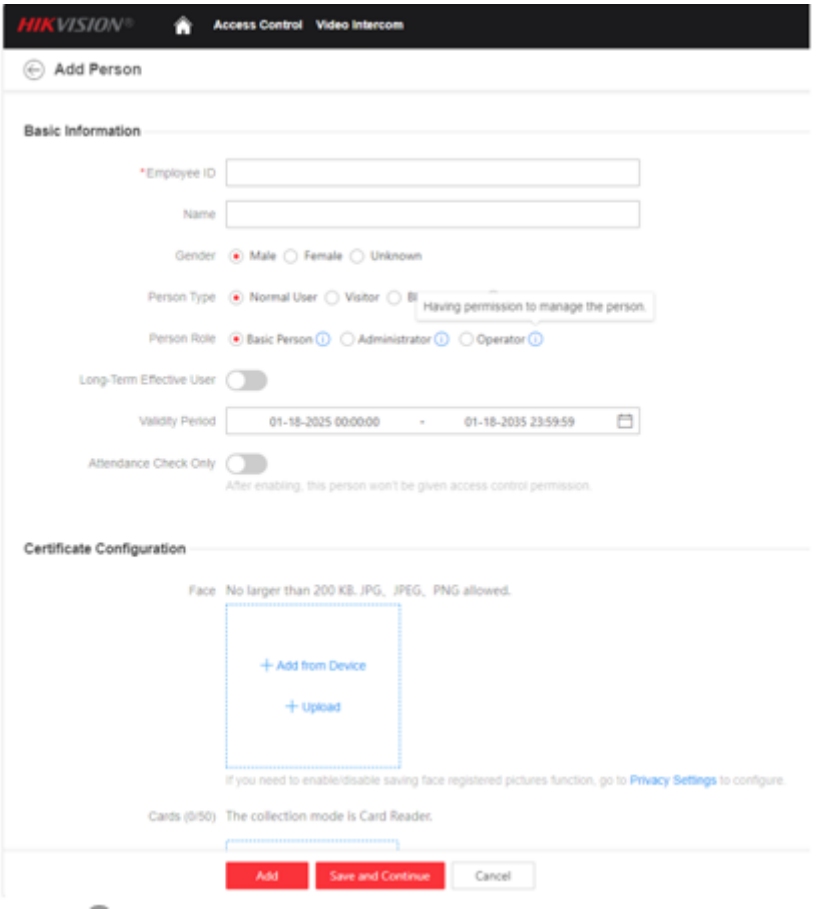
6. Support remote verification based on different person type

Remark: You can choose different person type to join the remote verification.The 670 support platform anti-pass back with HikCentral platform by using this configuration.

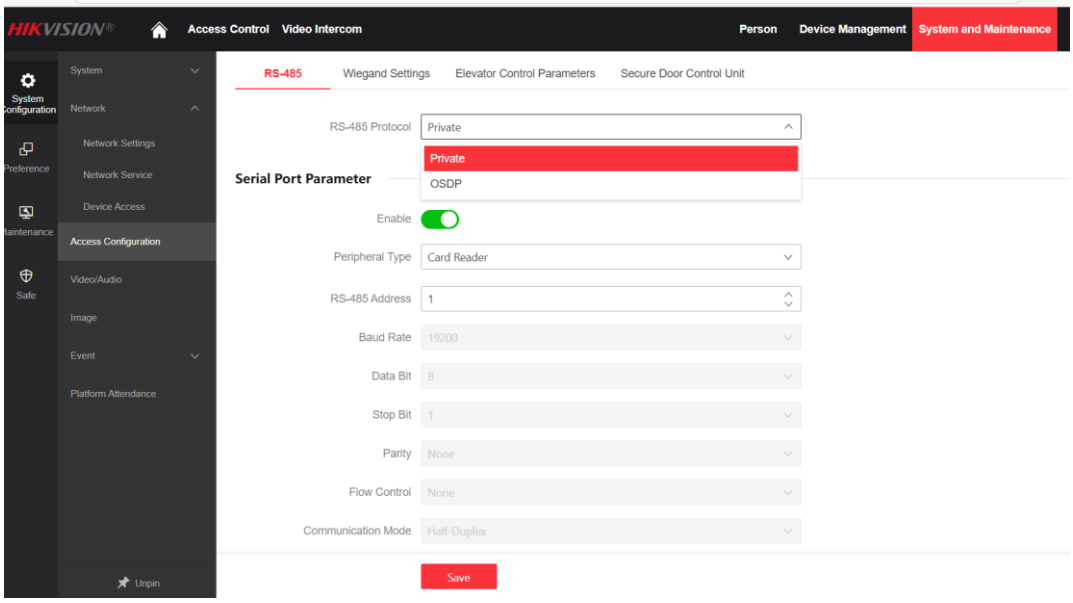


7. Support report device online status by SNMP
8. Support operator user type in personnel information: Administrator, Operator, Basic Person

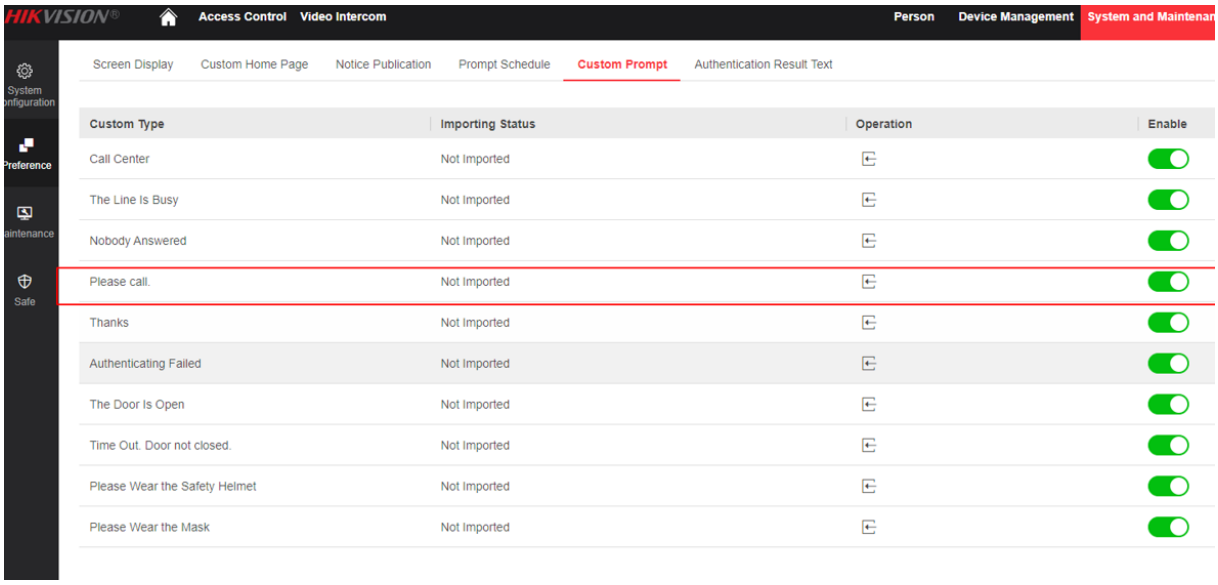
Remark: Administrator can edit all configurations of the device. Operator just can edit person. Basic Person can't edit any configuration of the device.



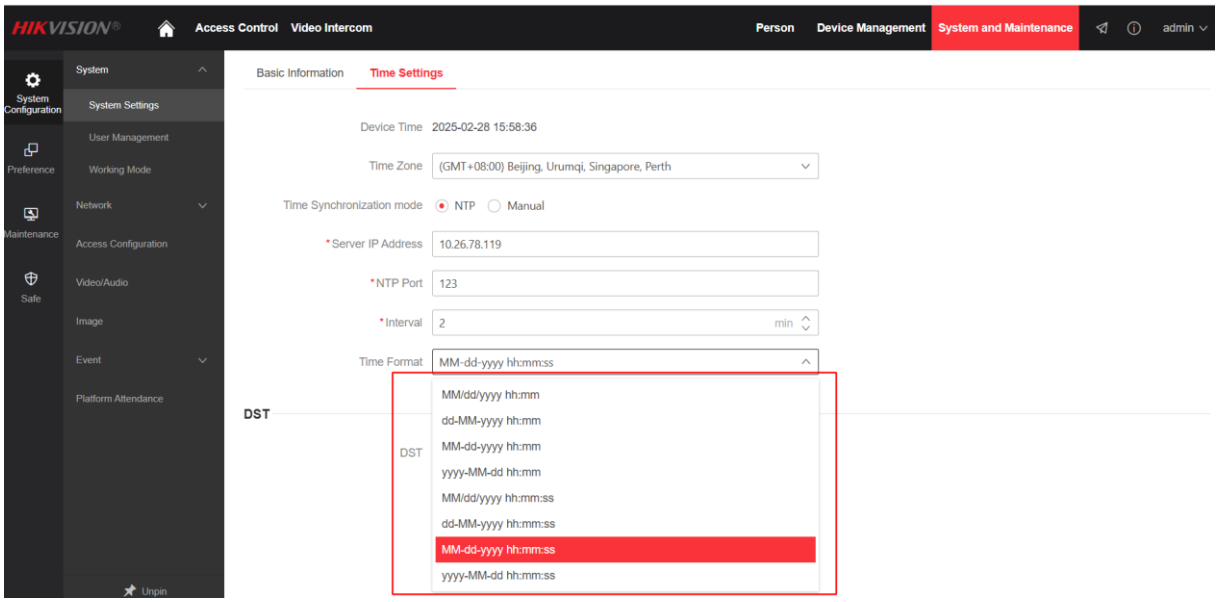
9. Support alarm prompt for door opening timeout
10. Support for connecting to one OSDP card reader



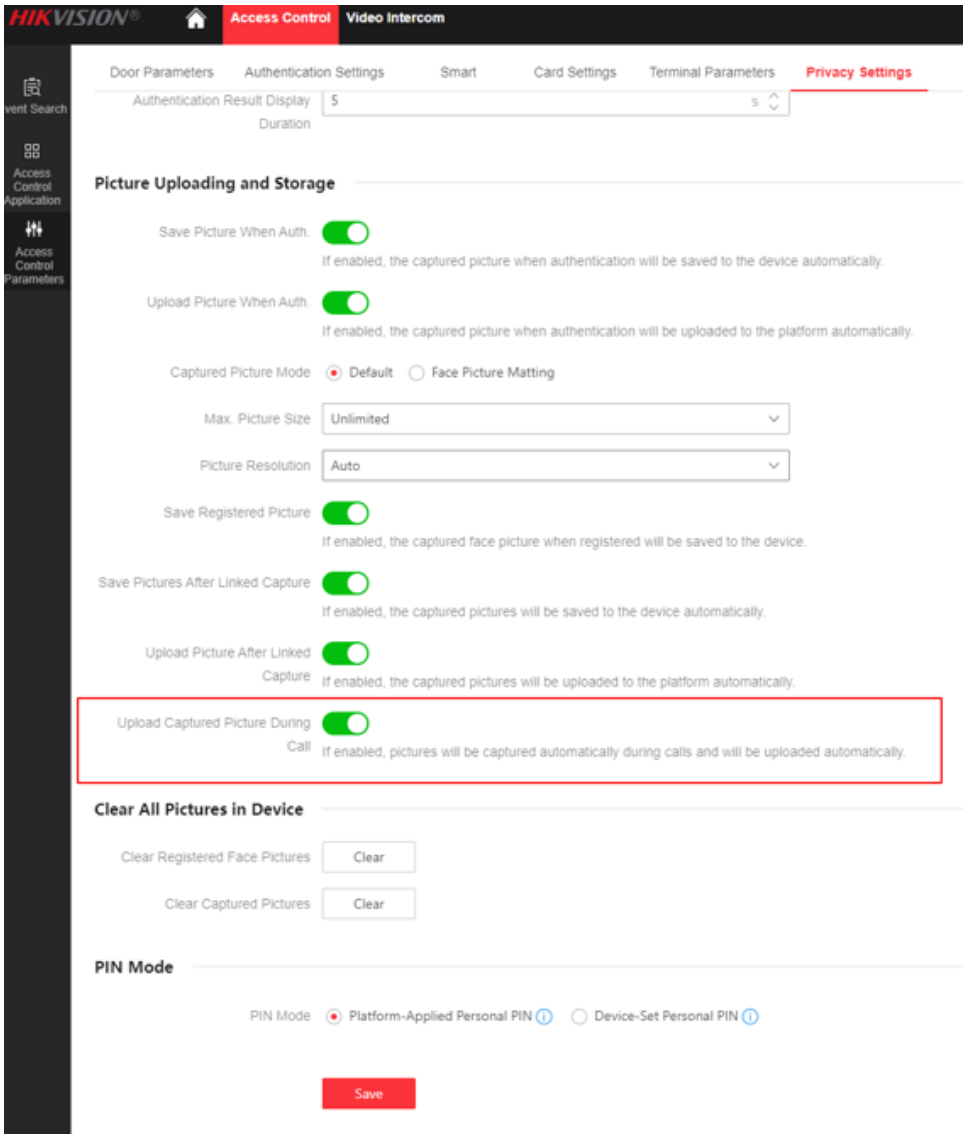
11. Support uploading door magnetic events to Hik-Connect
12. Support enabling and disabling custom prompt sounds



13. Support configuration of device time display format

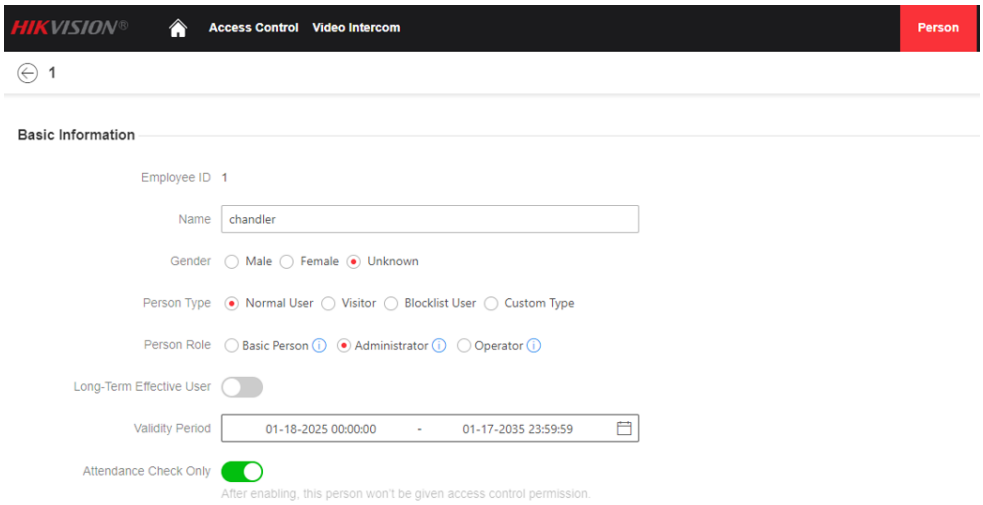


14. Support automatic screenshot when calling the Hik-Connect app



15. Modify the detection period of the alarm input
16. Support personnel attendance only without opening the door after verification

Remark：If enable this button in person configuration. The lock will not be open after authentication ,only Attendance records take effect.



DS-K1T670 Series MinMoe Terminal Release Notes (2024-11-22)

Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM：** ACS_670_F1plus_EN_NEU_V3.28.0_build241113 ACS_670_F1plus_EN_STD_V3.28.0_build241113 **Extension Module:** **DS-KAB670-QR** **DS-KAB670-QR** ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build241105 **Remote Key fob** **DS-PC2002-WECKV / DS-PC2002-WBCKV** 191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-0/

New Feature

1. Support key settings on the remote
2. Support distance configuration for the remote key fob
3. Support upgrades the key fob firmware from the webpage

   Note:

   a. Please make sure the key fob is added to device in advance

b. *The sub module DS-KAB670-WB or DS-KAB670-WE is required to upgrade the key fob firmware.*

Modified Feature

1. Change the way of adding the remote control
   The 670/673 can manually input the SN of the remote control in the web or local UI, or automatically add the SN through any button of the remote control, without the need for pairing operation, reducing the difficulty of adding.

DS-K1T670 Series MinMoe Terminal Release Notes (2024-06-20)

Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM:** ACS_670_F1plus_EN_NEU_V3.18.2_build240430 ACS_670_F1plus_EN_STD_V3.18.2_build240430
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements

Fix bug

1 Fix some known bug

DS-K1T670 Series MinMoe Terminal Release Notes (2023-12-06)

Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	**ARM：** ACS_670_F1plus_EN_NEU_V3.18.0_build231123 ACS_670_F1plus_EN_STD_V3.18.0_build231123
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-1/

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements

Fix bug

2 Fix some known bug

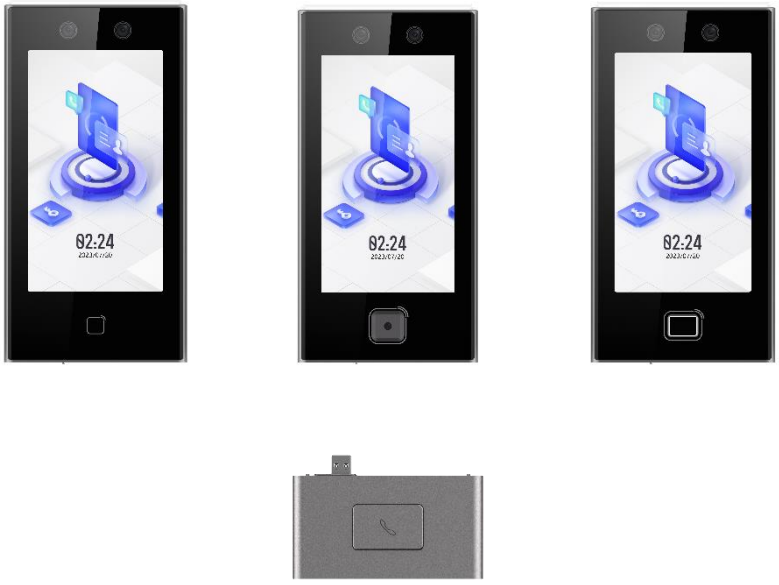
DS-K1T670 Series MinMoe Terminal Release Notes (2023-11-07)

Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR **Modules (optional)**: DS-KAB670-WB, DS-KAB670-WE **Naming Rule:** M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code	Firmware Version	**ARM：** ACS_670_F1plus_EN_NEU_V3.18.0_build231023 ACS_670_F1plus_EN_STD_V3.18.0_build231023
	Platform Version	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-1/

WE for 868MHz, WB for 433MHz		

Reason of Upgrade

New model DS-K1T670 series MinMoe terminal and USB modules are released for the first time.



New Features

1. 7-inch LCD touch screen, 2 MP wide-angle dual-lens camera with WDR feature;
2. Connect external card reader or access controller via RS485 protocol; support Wiegand26/34 output
3. Face recognition duration ＜ 0.2 s/User; face recognition accuracy rate ≥ 99%
4. **Face, card, fingerprint, event capacity**

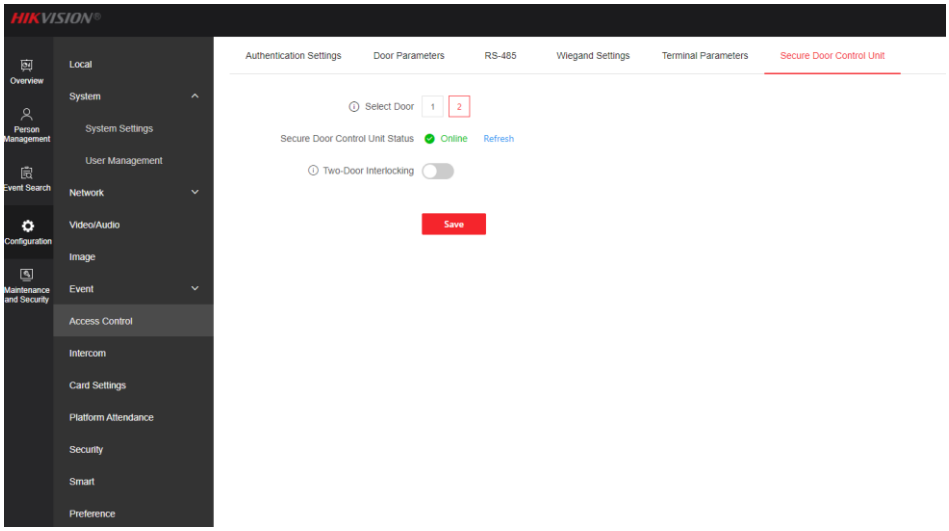
	User	Face	Card	Fingerprint	Event	Wi-Fi
DS-K1T670MX	6000	6000	50,000	\	150,000	\
DS-K1T670MX-QR				\		\
DS-K1T670MFWX				10,000		Support
DS-K1T670MWX-QR				\		Support

5 Support dual door control. When it connects with security door control unit, it can control 2 doors at the same time. One is connected to door relay of device itself, the second lock is connected with security door control unit. These 2 doors can realize dual-door interlocking, namely when one door is open, the second door cannot be open by authentication or exit button.

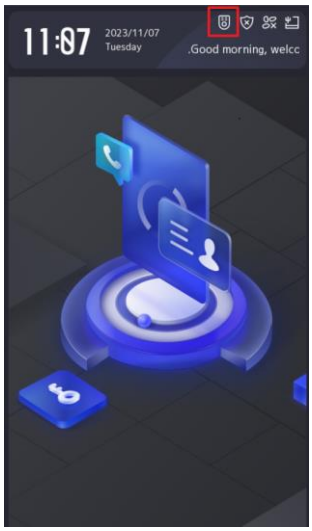
Note:

1. When secure door control unit work as door 1, keyfob or other authentication method can only open door 1. Press button I on keyfob to open door 1, button II cannot work.

2. When secure door control unit work as door 2, you can press button I on keyfob to open door 1, press button II to open door 2, wireless peripheral module needs to be well connected. But using other authentication method, you can only open door 1



5. ISAPI protocol makes it easier for integration with third-party software;
6. Remote video intercom and unlock door from Hik-Connect App on your mobile/Pad
7. Support ISUP 5.0 protocol to manage devices located in different locations;
8. USB peripheral modules support hot pluging, support physical call button and wireless function
   a. Physical call button can realize the function of virtual call button on main screen
   b. If connected with wireless peripheral module, icon representing keyfob status will change on main screen



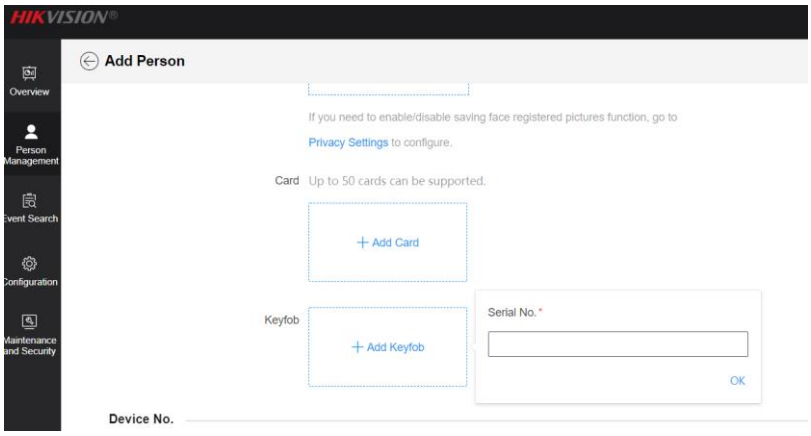
Connected

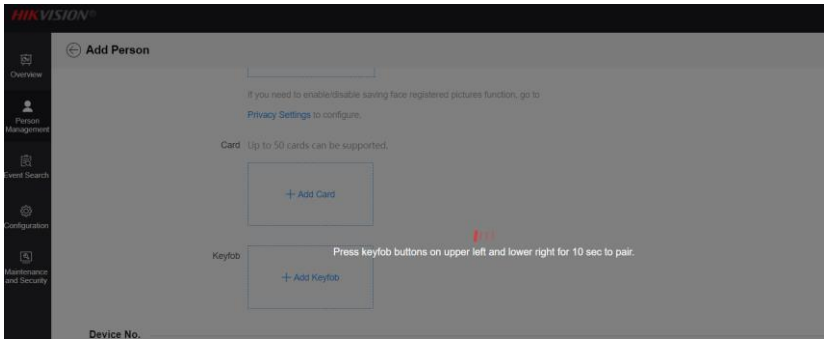
Disconnected

9. Support add keyfob as credential in person management. (Keyfob model: 302402368 DS-PC2002-WBCKV(O-STD) 433MHz 、302402363 DS-PC2002-WECKV(O-STD) 868MHz)
   a. add, delete or check keyfob status on person management of web client. Input serial number of keyfob, press upper left and bottom right of keyfop button for 10s to pair
   b. Can edit permission of keyfob to control door1 or door2
   c. Support different authentication mode for keyfob: keyfob or keyfob+face

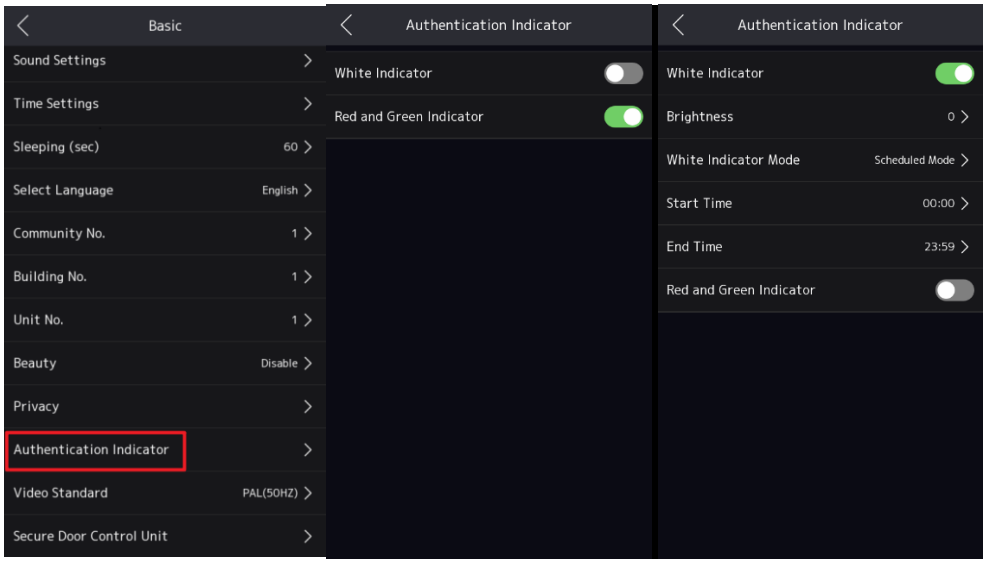
Note:

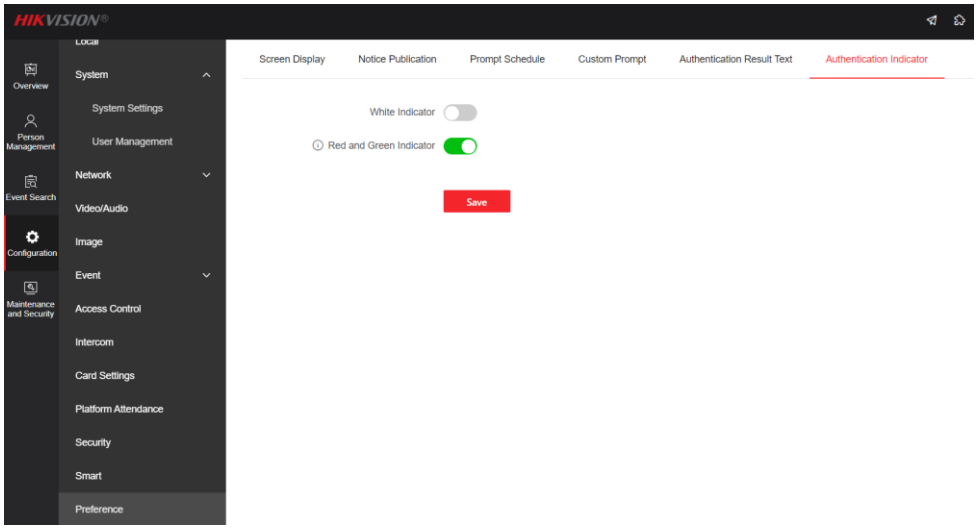
One keyfob can only be paired with one person on one device. One device can pair with Max. 5000 keyfobs



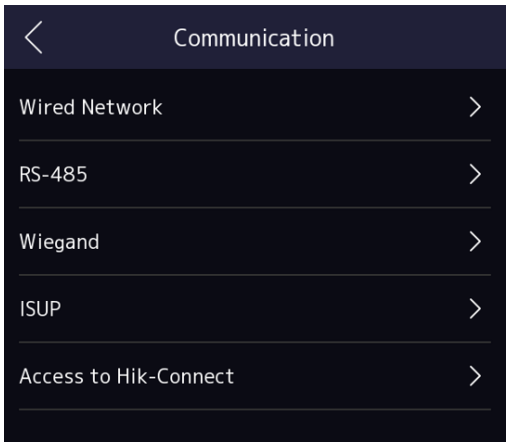


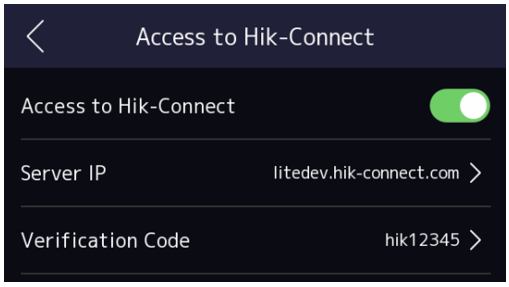
10. Support authentication indicator.
    a. Red and green indicator can enable separately
    b. White indicator support enable separately. It supports 2 modes: scheduled display or solid. Schedule time can cross the day. Brightness of white indicator is adjustable, ranges from 0-100
    c. By default red and green indicator is enabled, white indicator is disabled. Default mode of white indicator is solid mode and default brightness is 0

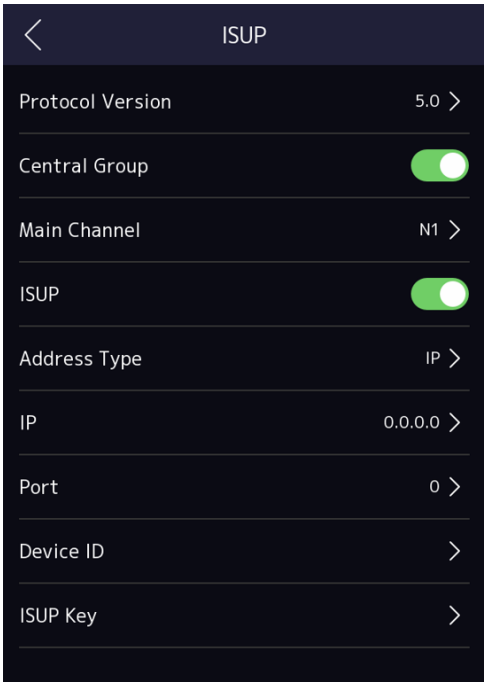




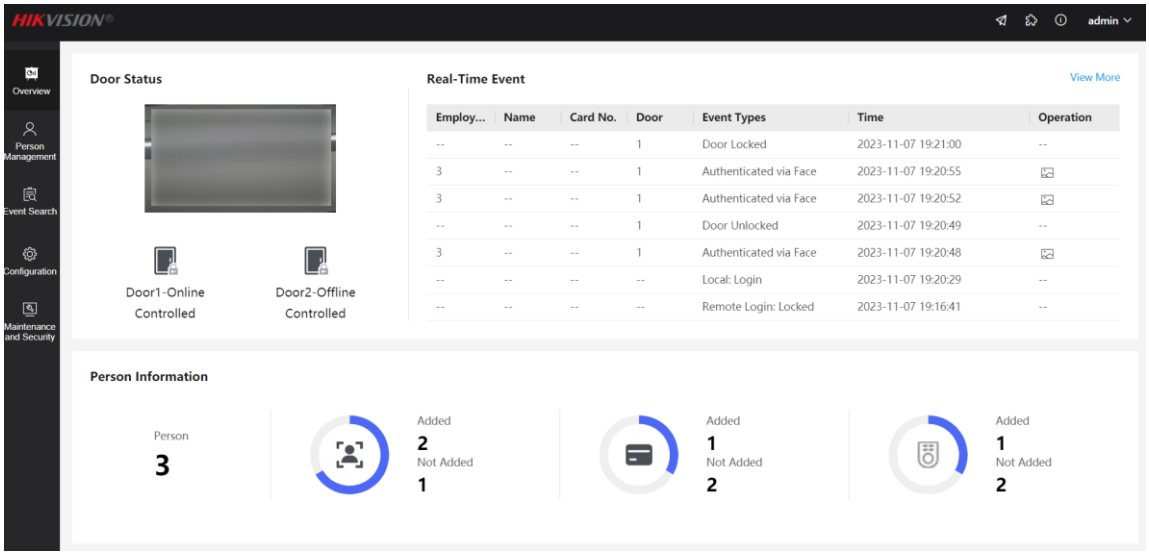
11. Self-defined shortcut key (Call Room, Call Center, Call Specified Room, Call App and Password) on main interface;
12. Configure ISUP and Hik-Connect parameter in device local menu





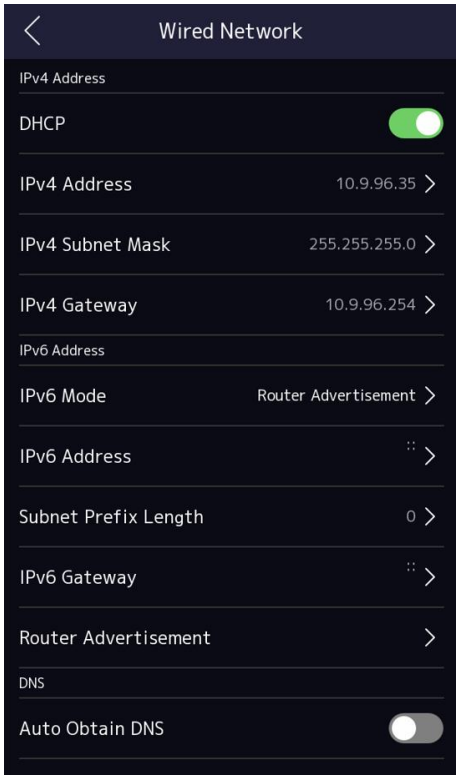


13. Login and configure device in web client via browser;



14. Support multiple face authentication(maximum 5 person can be recognized at the same time)
    ***Note**: after enable the function, card reader authentication mode, custom authentication and attendance status function cannot be used.*
15. Support call elevator function.
16. Self-defined voice prompt (TTS function, English only) and custom prompt (import audio file) for authentication.
17. Support notice publication function. Display text, picture or video in schedule

18. Support advertisement mode or authentication mode
    Default mode: Full screen live view when authenticating face
    Advertisement mode: The screen will display the wallpaper on the top area, and a small round circle area for live view in the bottom.
19. **Network**
    Support TCP/IP(IPv4&IPv6), Wi-Fi (Model with -W), adapt to LAN(network) or WAN(ISUP 5.0) network environment



Note for IPv6:

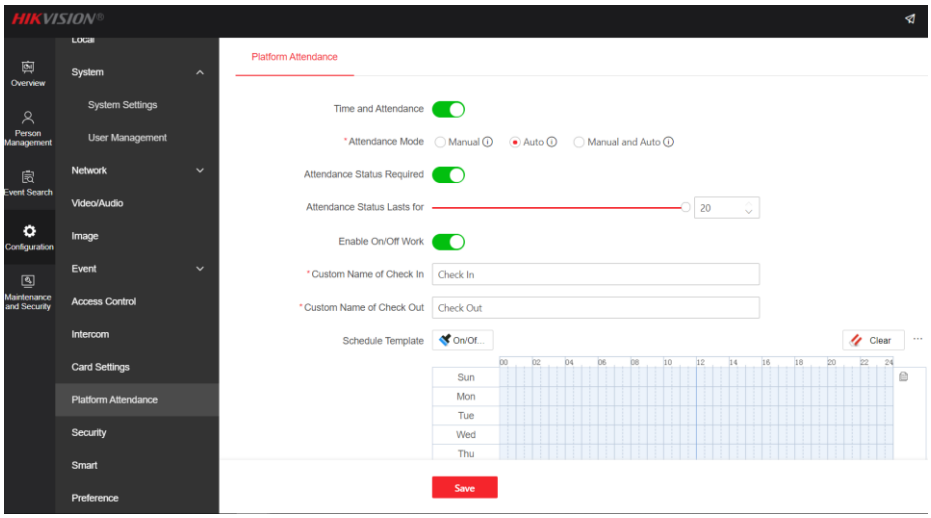
Function	Ipv4	Ipv6
HTTP/HTTPS (80/443 port)	Support	Support
SDK (8000/8443 port)	Support	Not Support
ISUP	Support	Not Support
Hik-Connect	Support	Not Support
Picture server	Support	Only support local server work as picture server，Not Support storage、KMS
Live view（RTSP）	Support	Support
NTP	Support	Support
DHCP(V6)	Support	Support
WIFI	Support	Support
DNS	Support	Support

20. Function

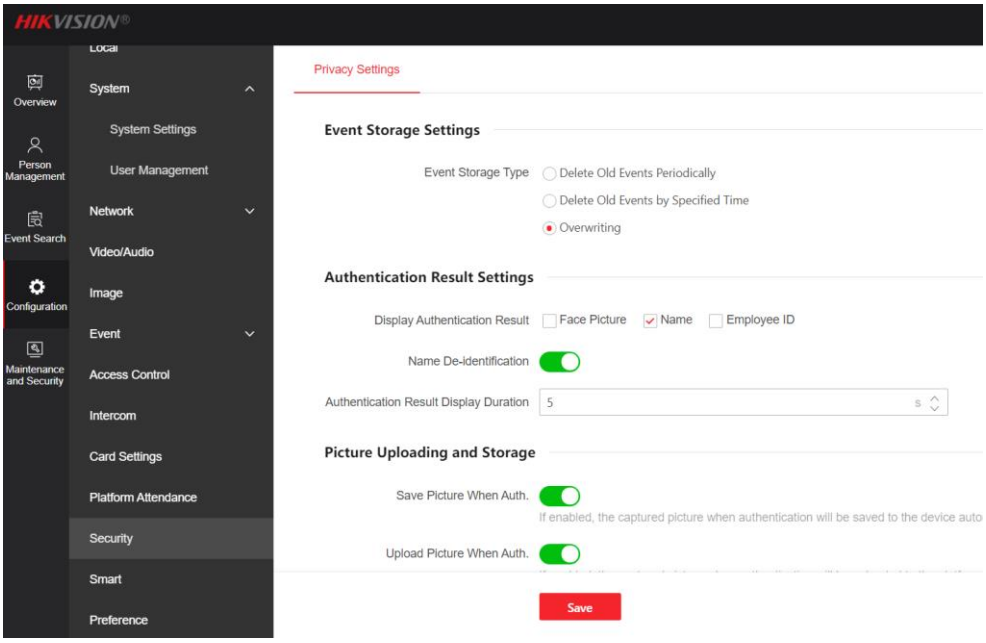
a. Support face mask recognition.

b. Video intercom with indoor station, master station and platform;

c. Multiple verification modes: Face, card, fingerprint(-F only), PIN code,keyfob;
d. Face recognition distance ranges from 0.3 to 3 meters;
e. Support check in/check out/break out/break in/overtime in/overtime out attendance status, and self-define status name;



f. Support privacy protection, customer can define the privacy related parameter, such as Event Storage Settings, Picture Uploading and Storage, Clear All Pictures in Device



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

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