

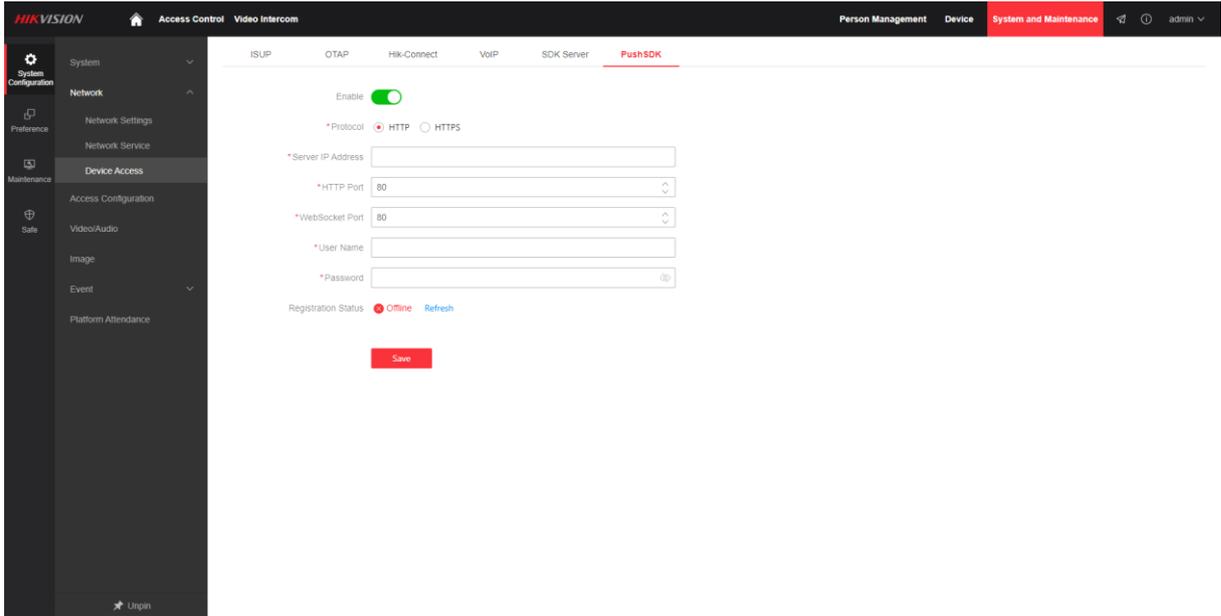
DS-K1T673 Series MinMoe Terminal

Release Notes (2026-2-4)

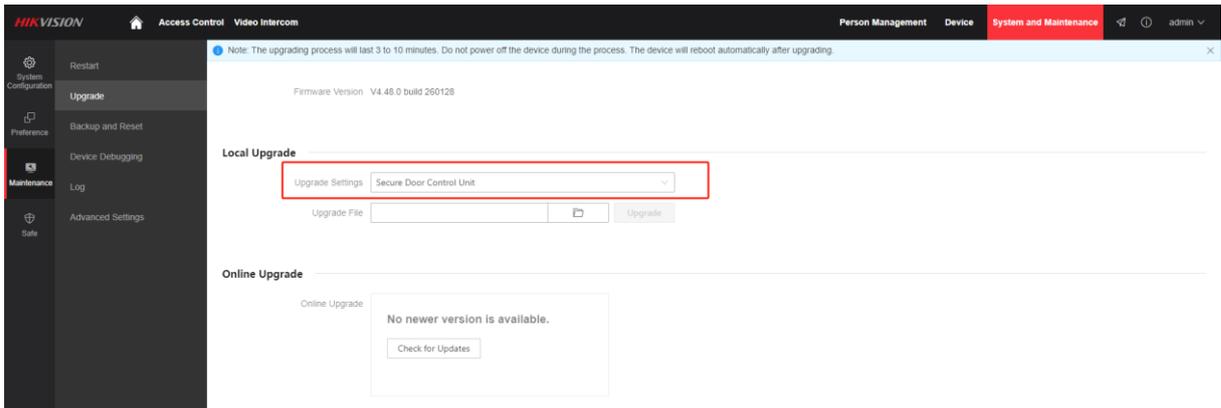
<p>Device Model: DS-K1T673DBWFX DS-K1T673DBWFX-QR DS-K1T673DX DS-K1T673DWX DS-K1T673TDGX DS-K1T673TDWX DS-K1T673TDX, DS-K1T673DX-E1 DS-K1T673DWX-E1 DS-K1T673DGX-E1 DS-K1T673DG1X-E1 DS-K1T673TDX-E1 DS-K1T673TDWX-E1 DS-K1T673DWX-PROE1 DS-K1T673TDWX-PROE1</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P DS-KAB673-A</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.48.0_build260128 ACS_673_F1plus_EN_NEU_V4.48.0_build260128</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214</p> <p>DS-KAB673-A ZT-MJ01.bin</p> <p>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</p>
<p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein A for alcohol testing</p>	Software Version	<p>HikCentral Access Control: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

New features

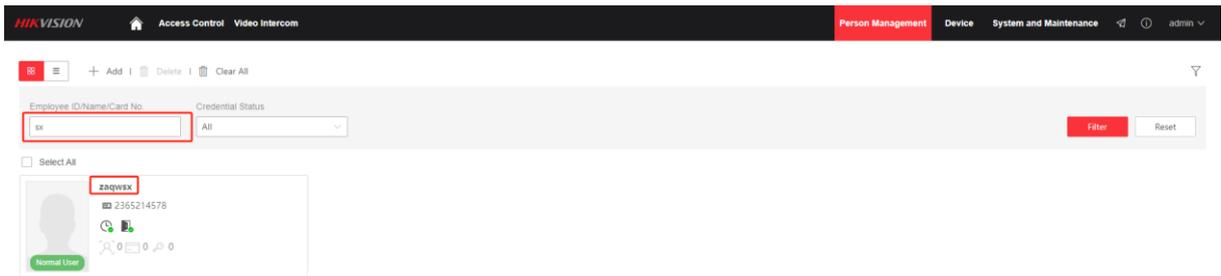
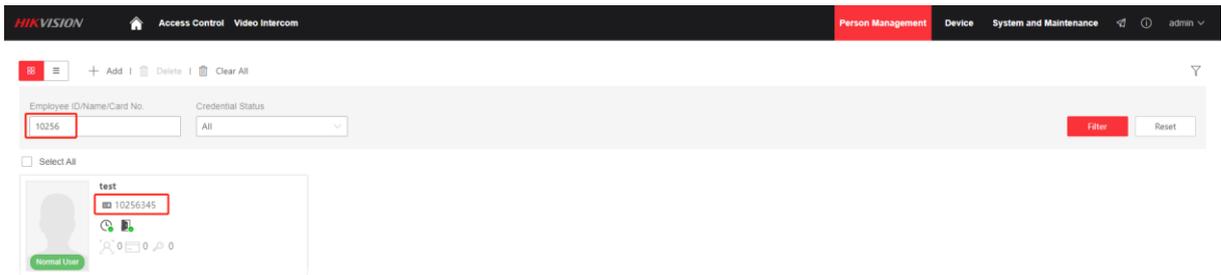
1. Support push SDK



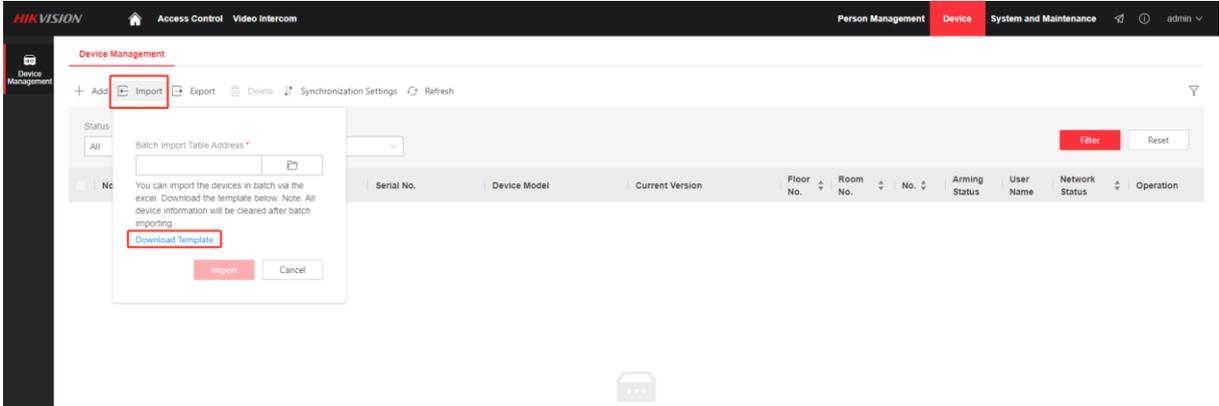
2. Support to upgrade “Secure Door Control Unit” in web page



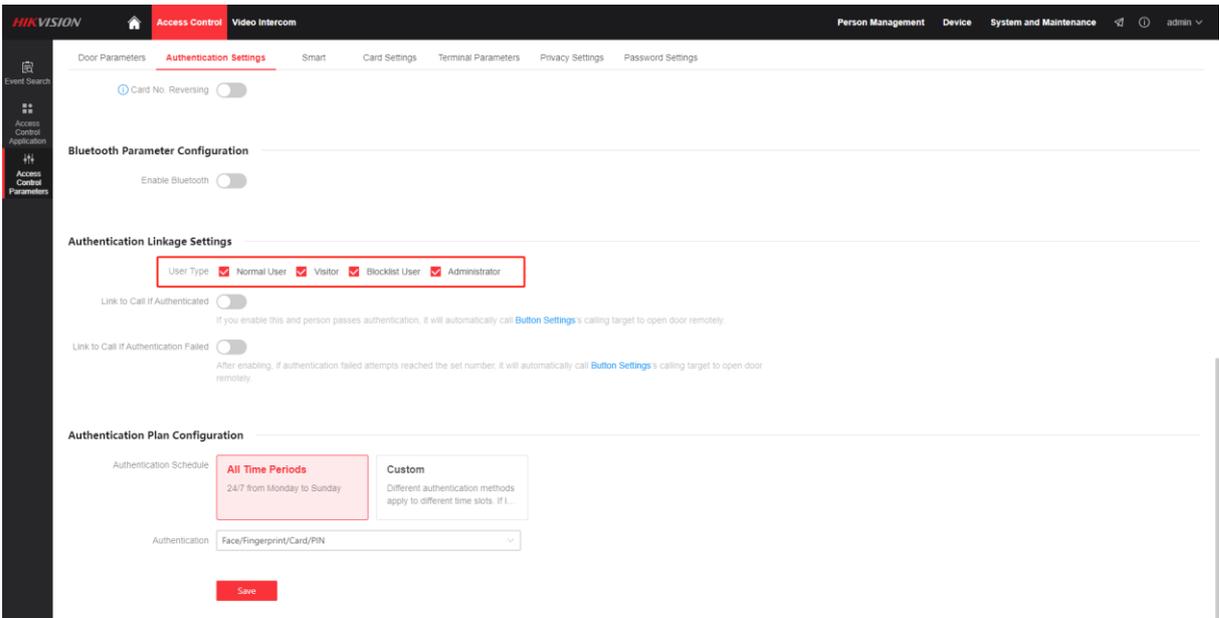
3. Support fuzzy search by personnel ID or name in web page



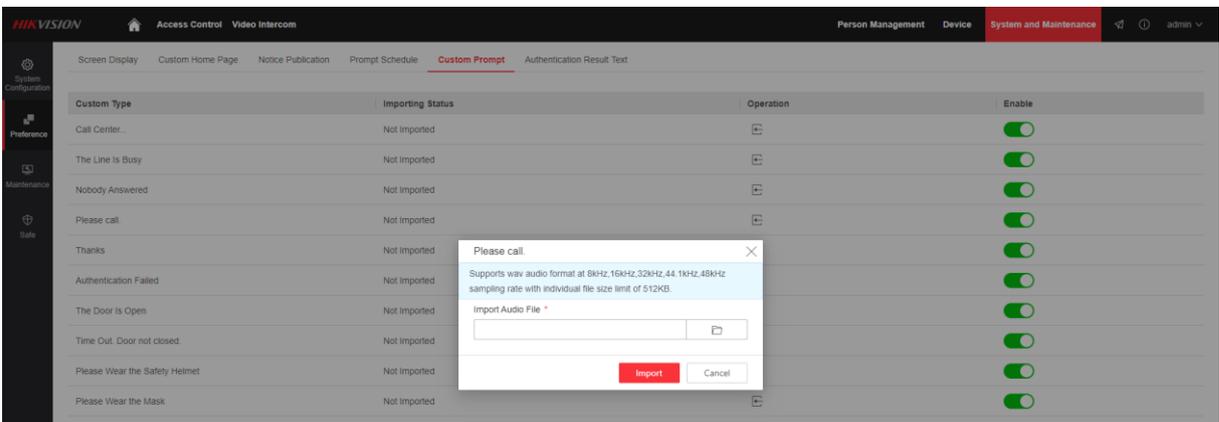
4. Add video intercom features (*batch import and activate sub door stations & indoor stations, configure network parameters, voice mailbox, sync community-building-unit info and master station info to sub door stations & indoor stations*)



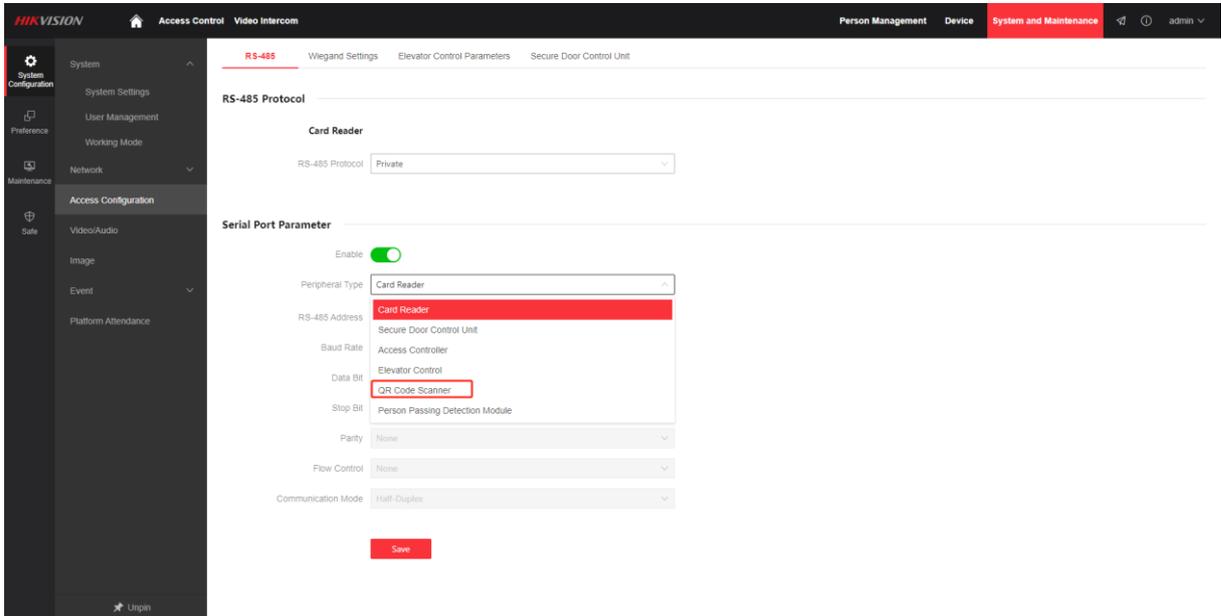
5. Support authentication linkage settings based on user types



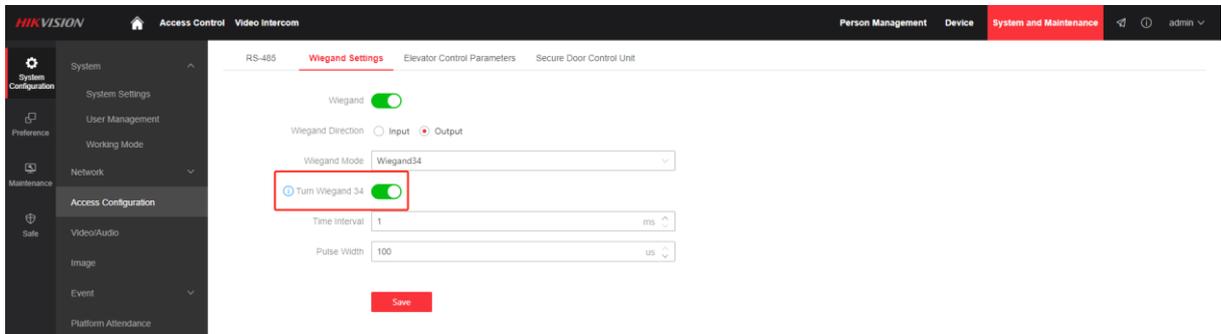
6. Support to verify audio sampling rate when importing audio files



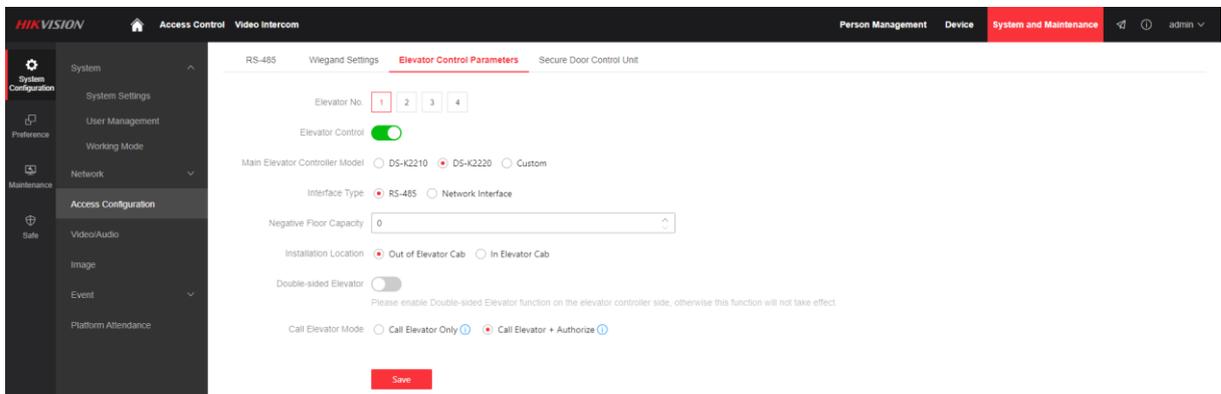
- Support to scan QR code (with DS-KAB673-QR) when device sleeps
- Support to connect to QR code scanner (QR300/340) via RS485



- 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



- Support elevator control management features



- Support to directly export events from web page and view it

HIKVISION Access Control Video Intercom Person Management Device System and Maintenance admin

Event Search

Event Types: Access Control Event

Major Type: All Type

Sub Type: All Type

Employee ID: []

Name: []

Card No.: []

Start Time: 2026-02-04 00:00:00

End Time: 2026-02-04 23:59:59

Buttons: Yesterday Today Current Week Current Month

Search

Export All Events

No.	Employee ID	Name	Card No.	Card Reader ID	Door	Event Types	Time	Remote Host IP	Unit	Alcohol Concentration	Status	Opera
1	--	--	--	--	--	Remote Logi...	02-04-2026 15:00:06	10.19.141.124	--	--	--	--
2	--	--	--	--	--	Remote Logi...	02-04-2026 14:59:44	10.19.141.124	--	--	--	--
3	10086	III	--	1	1	Authenticate...	02-04-2026 14:39:02	--	--	--	--	--
4	--	--	--	--	--	Remote Man...	02-04-2026 14:35:21	10.9.96.43	--	--	--	--
5	10086	III	--	1	1	Authenticate...	02-04-2026 04:42:12	--	--	--	--	--
6	10086	III	--	1	1	Authenticate...	02-04-2026 04:42:08	--	--	--	--	--
7	10086	III	--	1	1	Authenticate...	02-04-2026 04:42:05	--	--	--	--	--
8	10086	III	--	1	1	Authenticate...	02-04-2026 04:42:01	--	--	--	--	--
9	10086	III	--	1	1	Authenticate...	02-04-2026 04:41:53	--	--	--	--	--
10	10086	III	--	1	1	Authenticate...	02-04-2026 04:41:48	--	--	--	--	--
11	10086	III	--	1	1	Authenticate...	02-04-2026 04:41:45	--	--	--	--	--
12	10086	III	--	1	1	Authenticate...	02-04-2026 04:40:56	--	--	--	--	--
13	10086	III	--	1	1	Authenticate...	02-04-2026 04:40:53	--	--	--	--	--
14	--	--	--	--	--	Remote Logi...	02-04-2026 04:36:47	10.19.141.124	--	--	--	--
15	--	--	--	--	--	Remote Logi...	02-04-2026 04:36:29	10.19.141.124	--	--	--	--
16	--	--	--	--	--	Remote Logi...	02-04-2026 04:23:19	10.9.96.43	--	--	--	--
17	--	--	--	--	--	Standard SIP...	02-04-2026 04:15:28	10.9.96.245	--	--	--	--
18	--	--	--	--	--	Network Rec...	02-04-2026 04:15:26	--	--	--	--	--
19	--	--	--	--	--	IP Address C...	02-04-2026 04:12:56	10.9.96.35	--	--	--	--
20	--	--	--	--	--	Remote Logi...	02-04-2026 04:11:57	10.9.96.43	--	--	--	--

Total 39 20 < 1 2 > 1 / 2 Go

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	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	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	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	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	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	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

12. Add Kazakh language and Uzbek language

HIKVISION Access Control Video Intercom Person Management Device System and Maintenance admin

System Configuration

System Settings

User Management

Working Mode

Network

Access Configuration

Video/Audio

Image

Event

Platform Attendance

Basic Information Time Settings

Basic Information

Device Name: Access Controller

Language: English

Product Name: Português(Brasil) 日本語 한국어 繁體中文 简体中文

Serial No: []

Firmware Version: Türkçe

Encoding Version: Français

Hardware Version: O'zbekcha Kazaxua

Web Version: V5.2.54_R0401 build 280126

Plugin Version: V3.0.741

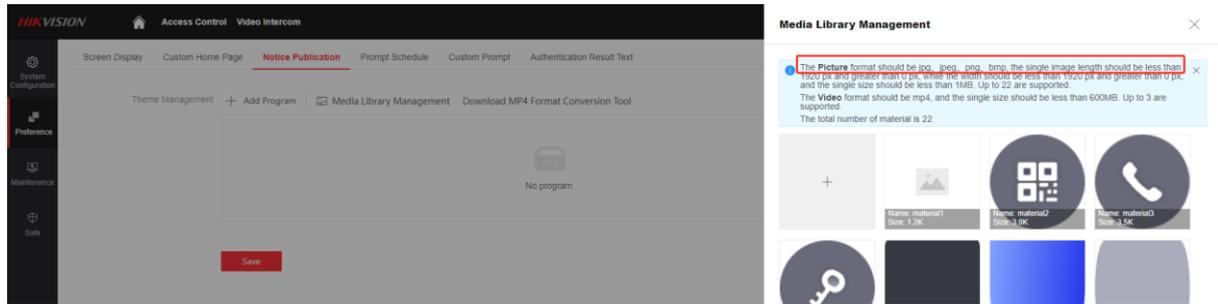
Available Video Channels: 1

IO Input Number: 2

IO Output Number: 1

Lock Number: 1

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

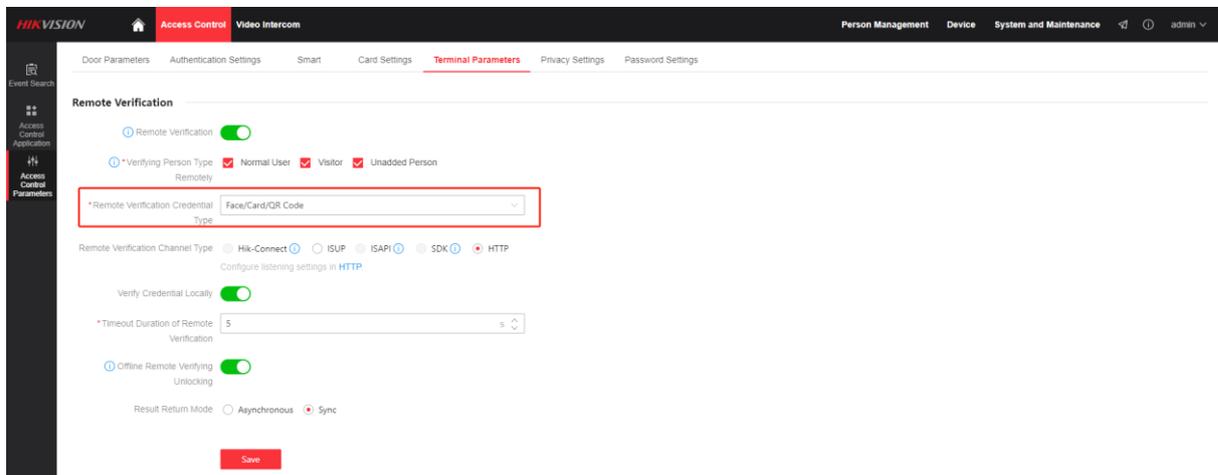


Optimizations

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

The screenshot shows the Hikvision web interface for intercom settings. The top navigation bar includes 'Access Control' and 'Video Intercom'. The main content area is titled 'No. Settings' and contains the following fields:

- Device Type: Door Station
- *Floor No: Door Station
- *Door Station No: Outer Door Station

Below these fields is a 'More' dropdown menu and a red 'Save' button.

DS-K1T673 Series MinMoe Terminal

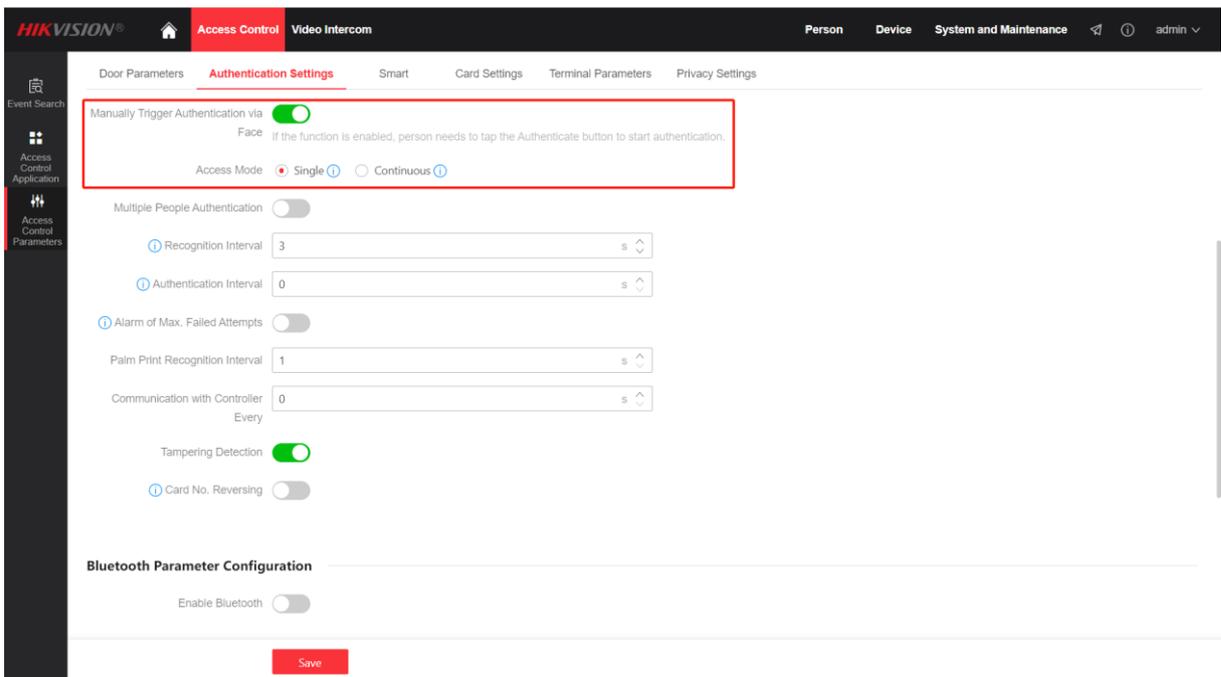
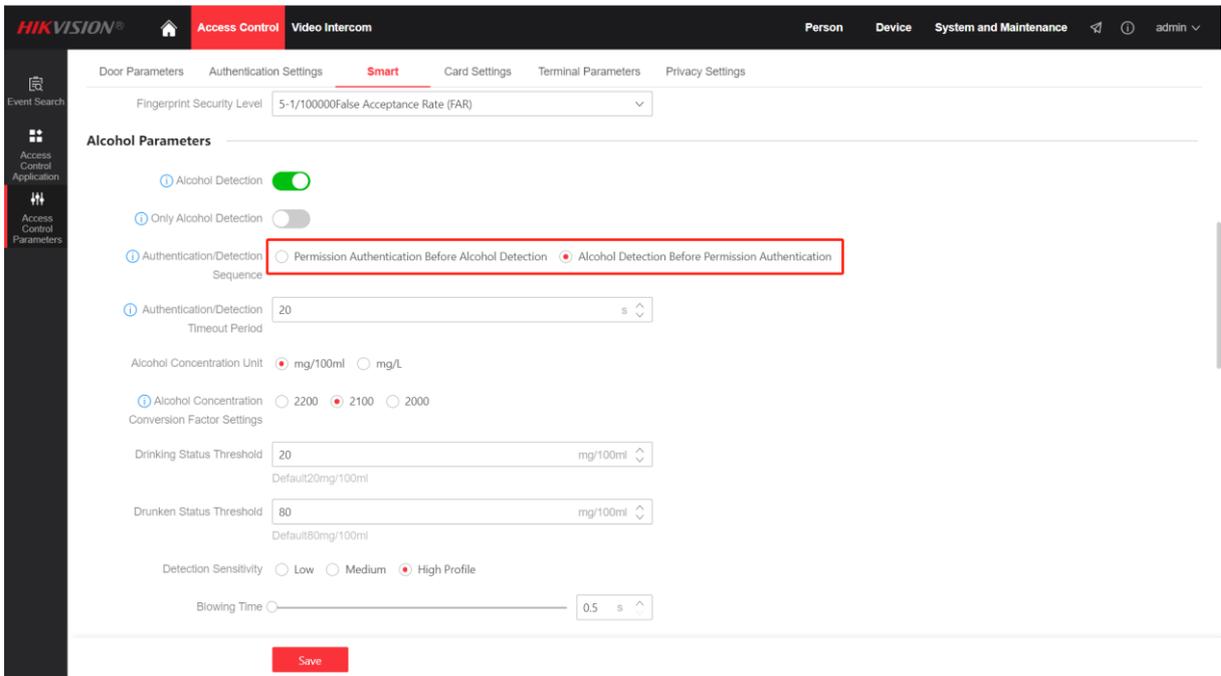
Release Notes (2025-11-28)

<p>Device Model: DS-K1T673DBWFX DS-K1T673DBWFX-QR DS-K1T673DX DS-K1T673DWX DS-K1T673TDGX DS-K1T673TDWX DS-K1T673TDX, DS-K1T673DX-E1 DS-K1T673DWX-E1 DS-K1T673DGX-E1 DS-K1T673DG1X-E1 DS-K1T673TDX-E1 DS-K1T673TDWX-E1 DS-K1T673DWX-PROE1 DS-K1T673TDWX-PROE1</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P DS-KAB673-A</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.41.80_build251027 ACS_673_F1plus_EN_NEU_V4.41.80_build251027</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214</p> <p>DS-KAB673-A ZT-MJ01.bin</p> <p>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</p>
<p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein A for alcohol testing</p>	Software Version	<p>HikCentral Access Control: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

New features

14. Add new alcohol detection sequence, “permission authentication before alcohol detection” and “alcohol detection before permission authentication”. They are configurable in

K1T673 web page. (It is recommended to enable “manually trigger authentication via face in single mode” in “permission authentication before alcohol detection”, if end users requires face plus alcohol authentication.)

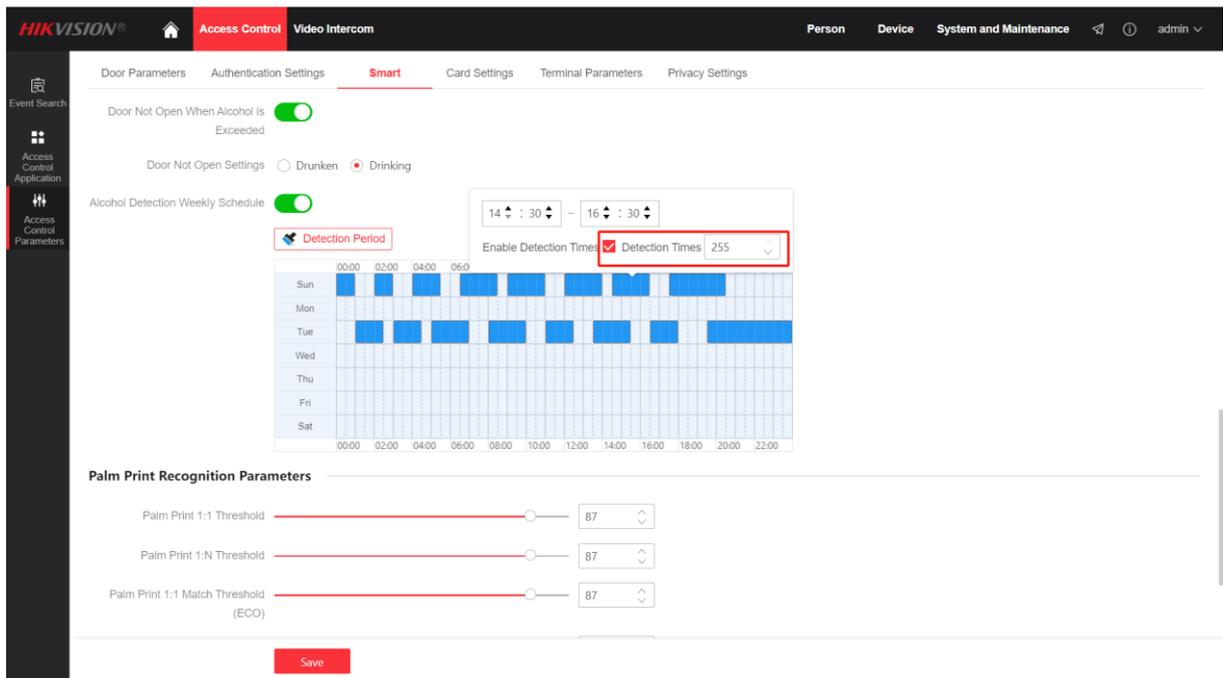


15. The timeout period of alcohol detection is configurable.

The screenshot shows the 'Alcohol Parameters' configuration page. The 'Authentication/Detection Timeout Period' is set to 20 seconds and is highlighted with a red box. Other settings include: Alcohol Detection (checked), Only Alcohol Detection (unchecked), Authentication/Detection Sequence (Permission Authentication Before Alcohol Detection), Alcohol Concentration Unit (mg/100ml), Alcohol Concentration (2100), Drinking Status Threshold (20 mg/100ml), Drunken Status Threshold (80 mg/100ml), and Detection Sensitivity (High Profile).

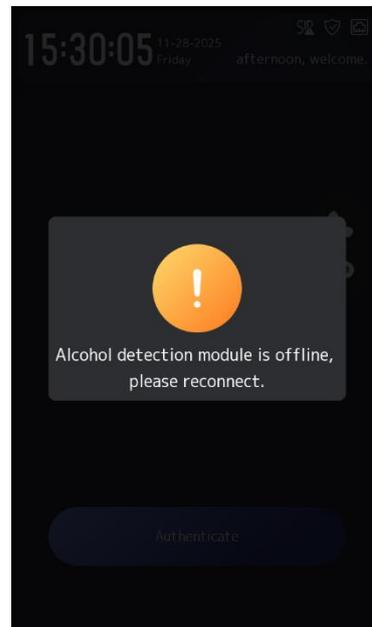
16. The weekly schedule of alcohol detection is configurable. It supports up to 8 time periods in single day. Especially, it supports to configure alcohol detection times in “permission authentication before alcohol detection” mode.

The screenshot shows the 'Alcohol Detection Weekly Schedule' configuration page. A weekly schedule grid is displayed, showing detection periods for each day of the week. The grid is highlighted with a red box. A red annotation points to the grid with the text: 'It supports up to 8 time periods in single day.' Below the grid, the 'Palm Print Recognition Parameters' are shown, with thresholds set to 87.



Optimizations

1. The offline status of alcohol module will be displayed in local UI.



DS-K1T673 Series MinMoe Terminal

Release Notes (2025-10-21)

<p>Device Model: DS-K1T673DBWFX DS-K1T673DBWFX-QR DS-K1T673DX DS-K1T673DWX DS-K1T673TDGX DS-K1T673TDWX DS-K1T673TDX, DS-K1T673DX-E1 DS-K1T673DWX-E1 DS-K1T673DGX-E1 DS-K1T673DG1X-E1 DS-K1T673TDX-E1 DS-K1T673TDWX-E1 DS-K1T673DWX-PROE1 DS-K1T673TDWX-PROE1</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P DS-KAB673-A</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.41.60_build250913 ACS_673_F1plus_EN_NEU_V4.41.60_build250913</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214</p> <p>DS-KAB673-A ZT-MJ01.bin</p> <p>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</p>
<p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein A for alcohol testing</p>	Software Version	<p>HikCentral Access Control: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

Optimizations

6. Fix DST (daylight saving time) issue. After rebooting, the device DST remains correct.
7. Fix calling-elevator issue. K1T673 is able to call corresponding floors after indoor stations release elevator buttons permission.

DS-K1T673 Series MinMoe Terminal

Release Notes (2025-08-12)

<p>Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX-E1, DS-K1T673DWX-E1, DS-K1T673DGX-E1, DS-K1T673DG1X-E1, DS-K1T673TDX-E1, DS-K1T673TDWX-E1, DS-K1T673DWX-PROE1, DS-K1T673TDWX-PROE1</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P DS-KAB673-A</p> <p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein A for alcohol testing</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.41.20_build250728 ACS_673_F1plus_EN_NEU_V4.41.20_build250728</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build250214</p> <p>DS-KAB673-A ZT-MJ01.bin</p> <p>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</p>
	Software Version	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

New Features

1. New -E1 models released and support standard PoE, including DS-K1T673DX-E1, DS-K1T673DWX-E1, DS-K1T673DGX-E1, DS-K1T673DG1X-E1, DS-K1T673TDX-E1, DS-K1T673TDWX-E1, DS-K1T673DWX-PROE1, DS-K1T673TDWX-PROE1
2. The POE models contains a power output interface, supporting DC 12V 0.5A external

power supply for the lock.

3. Optional 3G/4G communication. Model G and G1 only.
4. IP65; optional higher protection level of IP68 and IK07 (PRO model only).

Modified Feature

1. Remove SD card slot and video recording function

DS-K1T673 Series MinMoe Terminal Release Notes (2025-06-10)

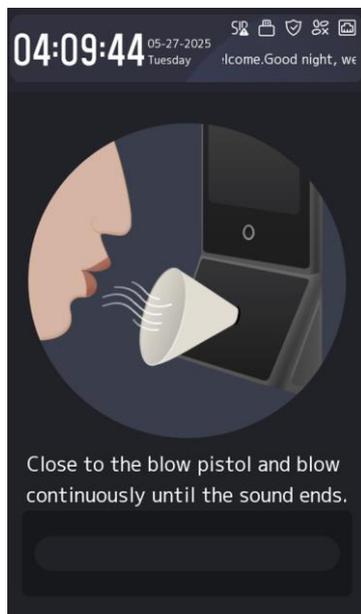
<p>Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX,</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P DS-KAB673-A</p> <p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein A for alcohol testing</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.41.0_build250520 ACS_673_F1plus_EN_NEU_V4.41.0_build250520</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214</p> <p>DS-KAB673-A ZT-MJ01.bin</p> <p>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</p>
	Software Version	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

New Features

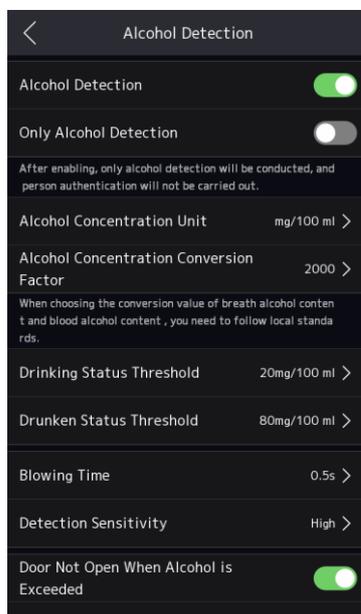
● Alcohol Testing

1. Add alcohol detection feature

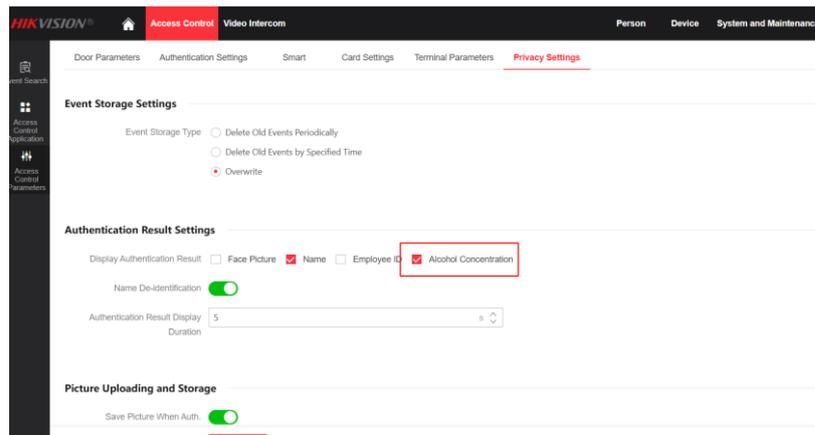
Remark: Supports alcohol testing only or alcohol testing combined verification



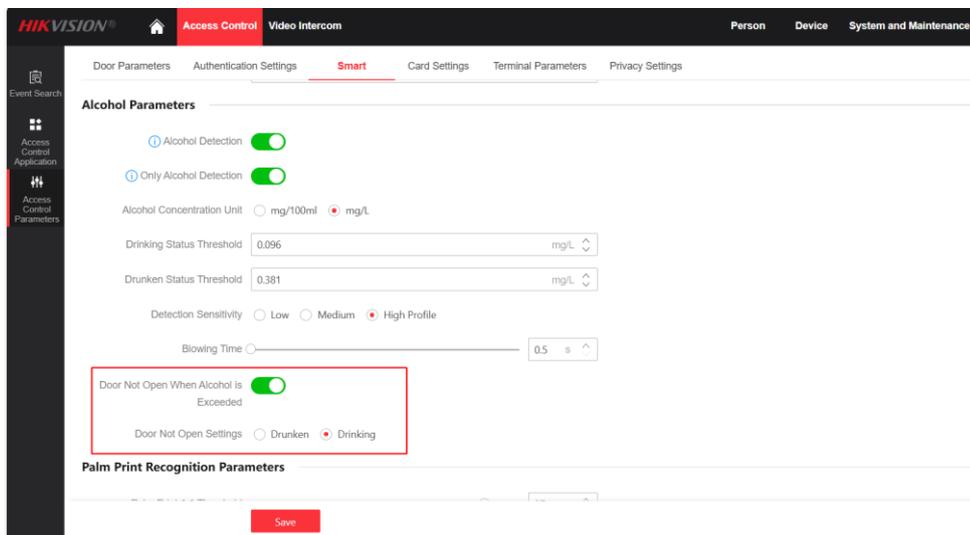
2. Add alcohol detection parameter configuration



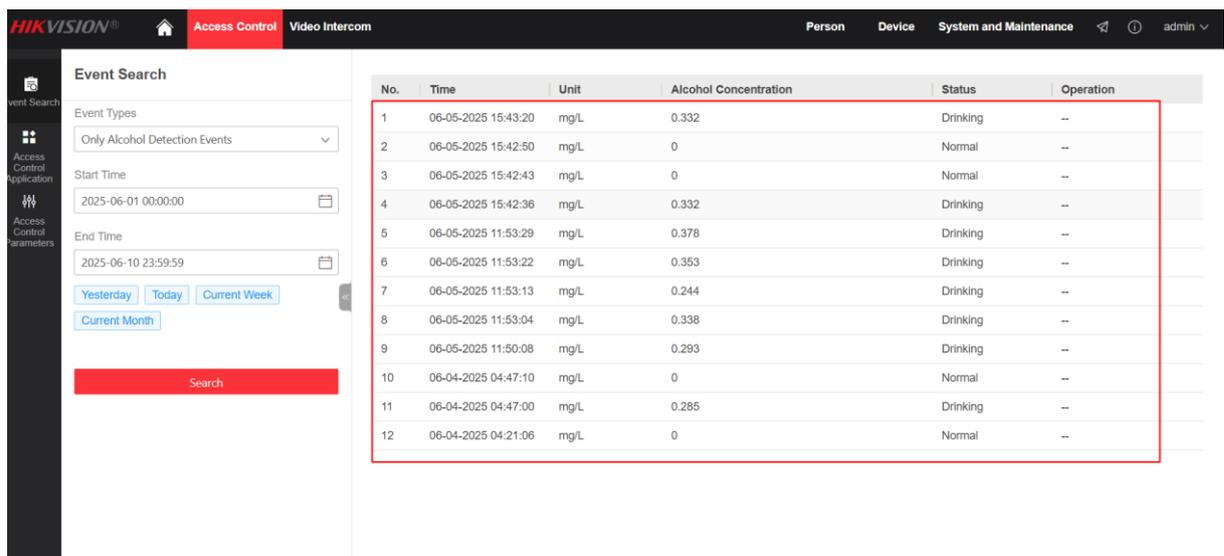
3. Add alcohol concentration UI display configuration for alcohol detection results



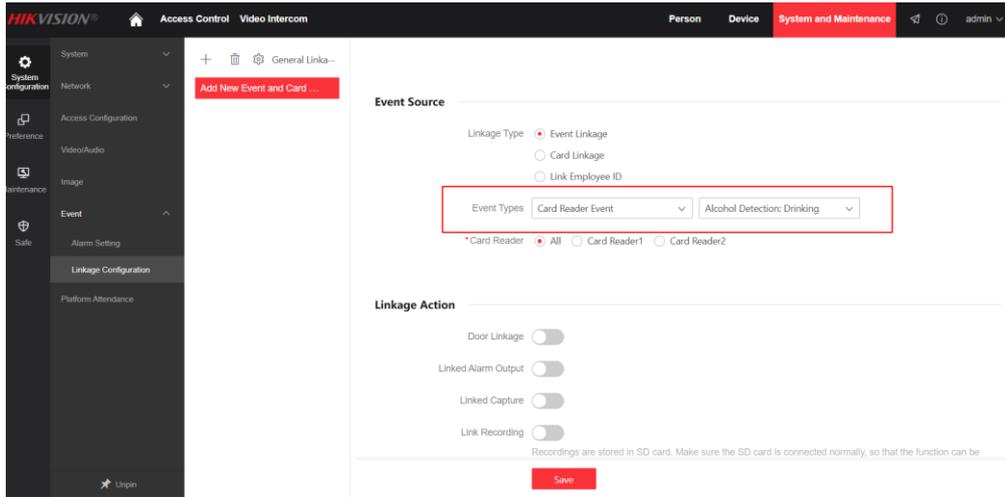
4. Add door does not open when alcohol concentration exceeds limit



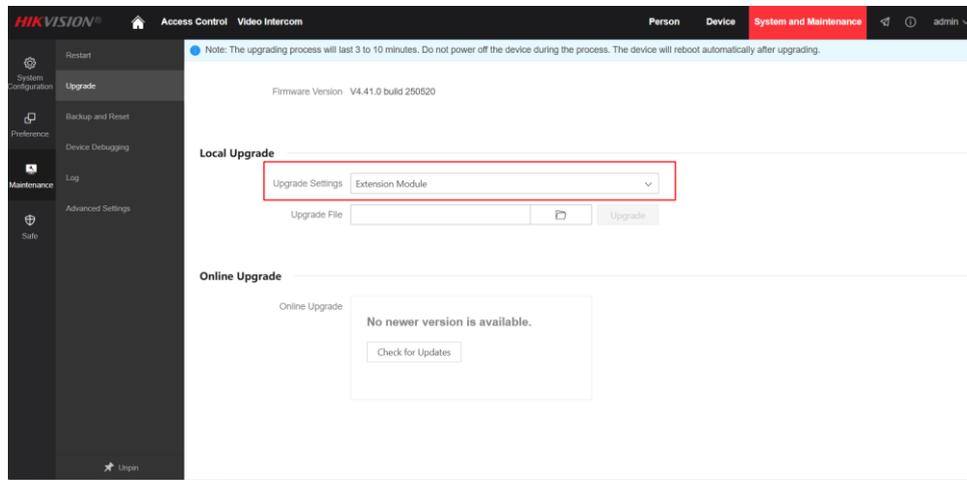
5. Add event types for alcohol detection



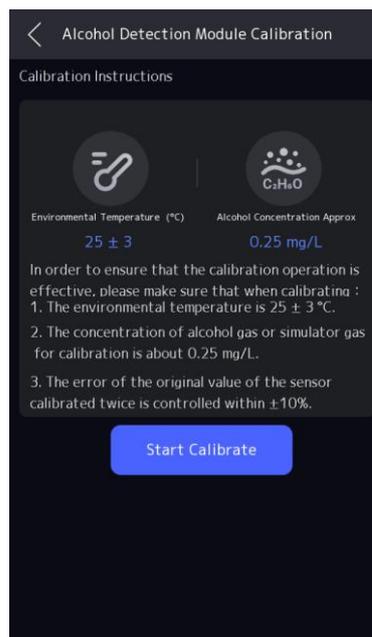
6. Add event linkage functions related to alcohol detection



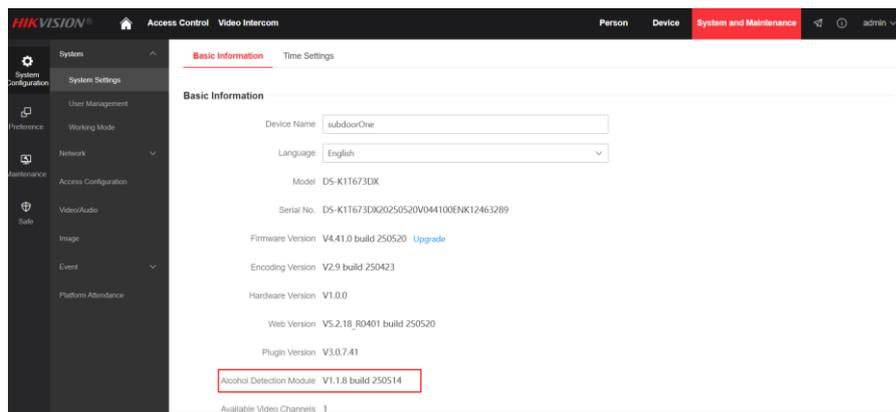
7. Support Web-based firmware upgrade for alcohol sensor



8. Support calibration of alcohol sensor via UI



9. Support retrieval of alcohol sensor calibration version via web



DS-K1T673 Series MinMoe Terminal Release Notes (2025-03-18)

<p>Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX,</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P</p> <p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein</p>	<p>Firmware Version</p>	<p>Controller: ACS_673_F1plus_EN_STD_V4.39.20_build250304 ACS_673_F1plus_EN_NEU_V4.39.20_build250304</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build250214</p> <p>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</p>
	<p>Software Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/</p>

Optimizations

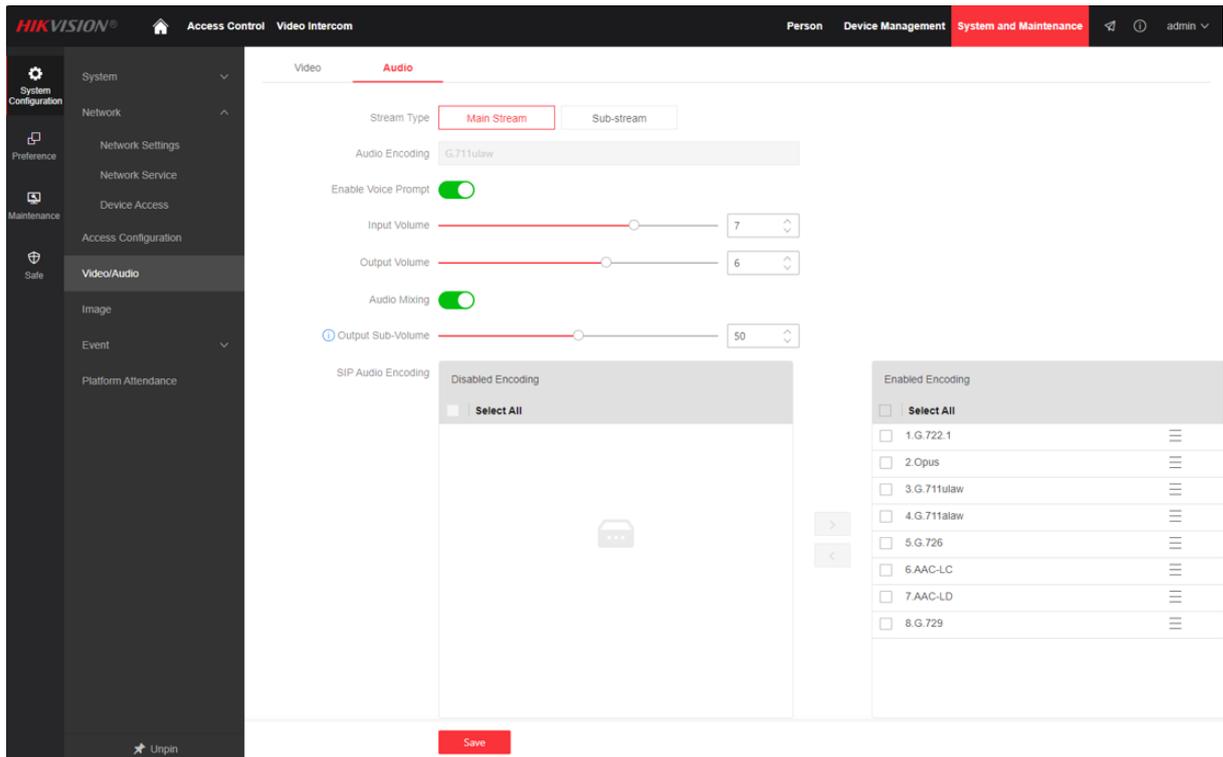
Optimize the firmware to improve production efficiency

DS-K1T673 Series MinMoe Terminal Release Notes (2025-02-10)

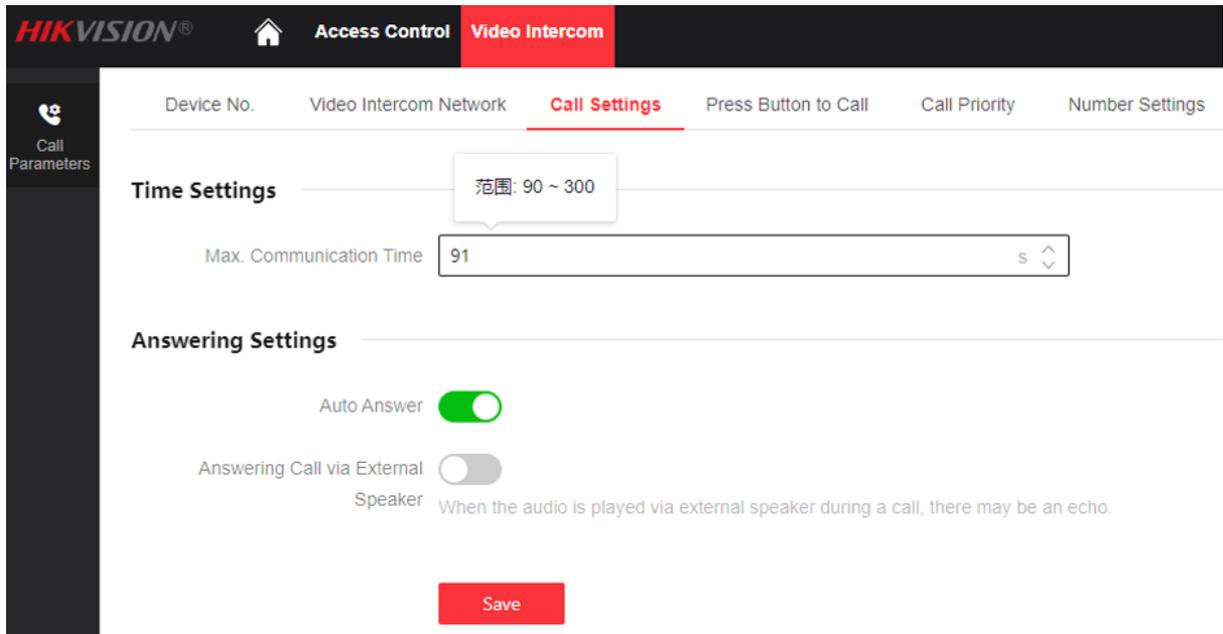
<p>Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX,</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P</p> <p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote P for palm print and palm vein</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.39.0_build250109 ACS_673_F1plus_EN_NEU_V4.39.0_build250109</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM _V1.0.1_build241105</p> <p>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</p>
	Software Version	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/</p>

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



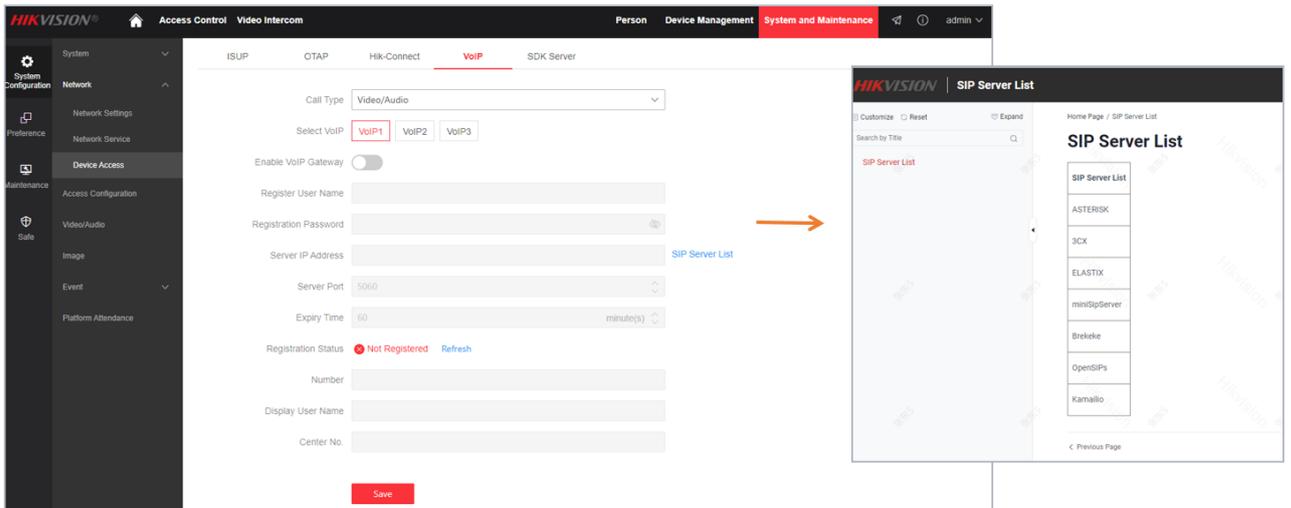
5. Modify the maximum call duration for intercom form 180 to 300



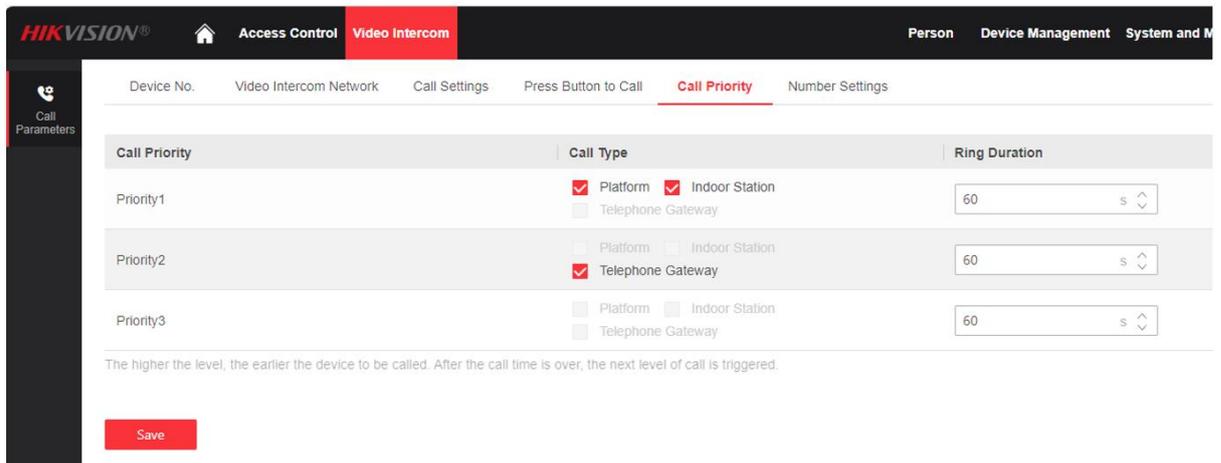
6. Support configuration of up to 3 VoIP servers

SIP Server List:

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



7. Support configuration of SIP call mode



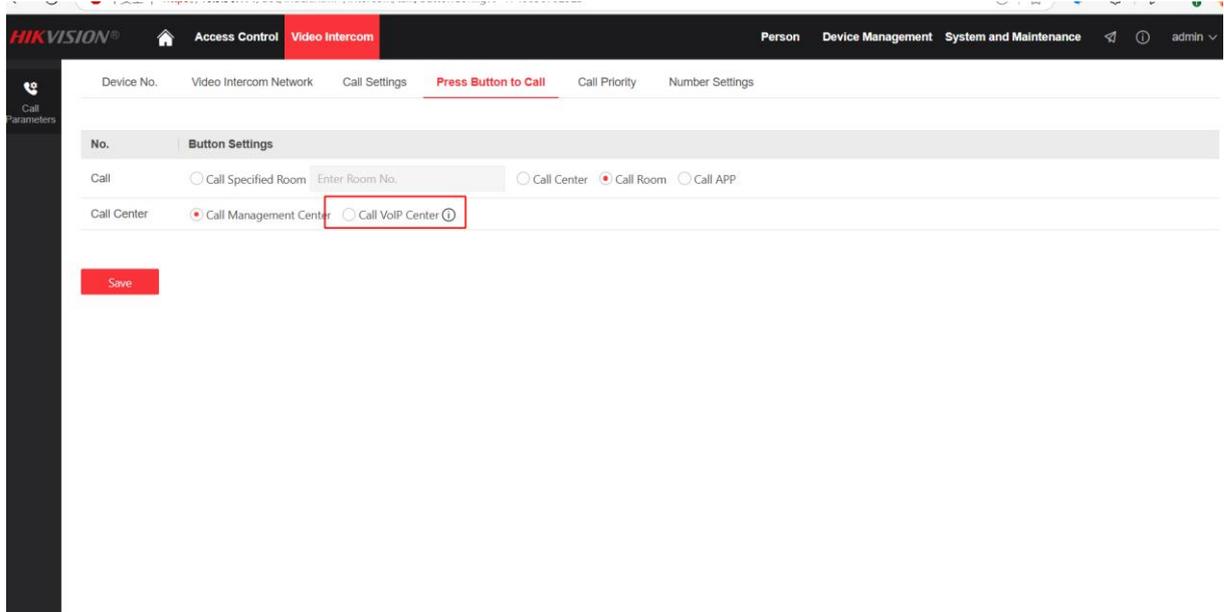
8. Support returning to the home page during a call on the screen

9. Support returning to the call interface after a call timeout

10. Support automatic dialing from the dialing interface

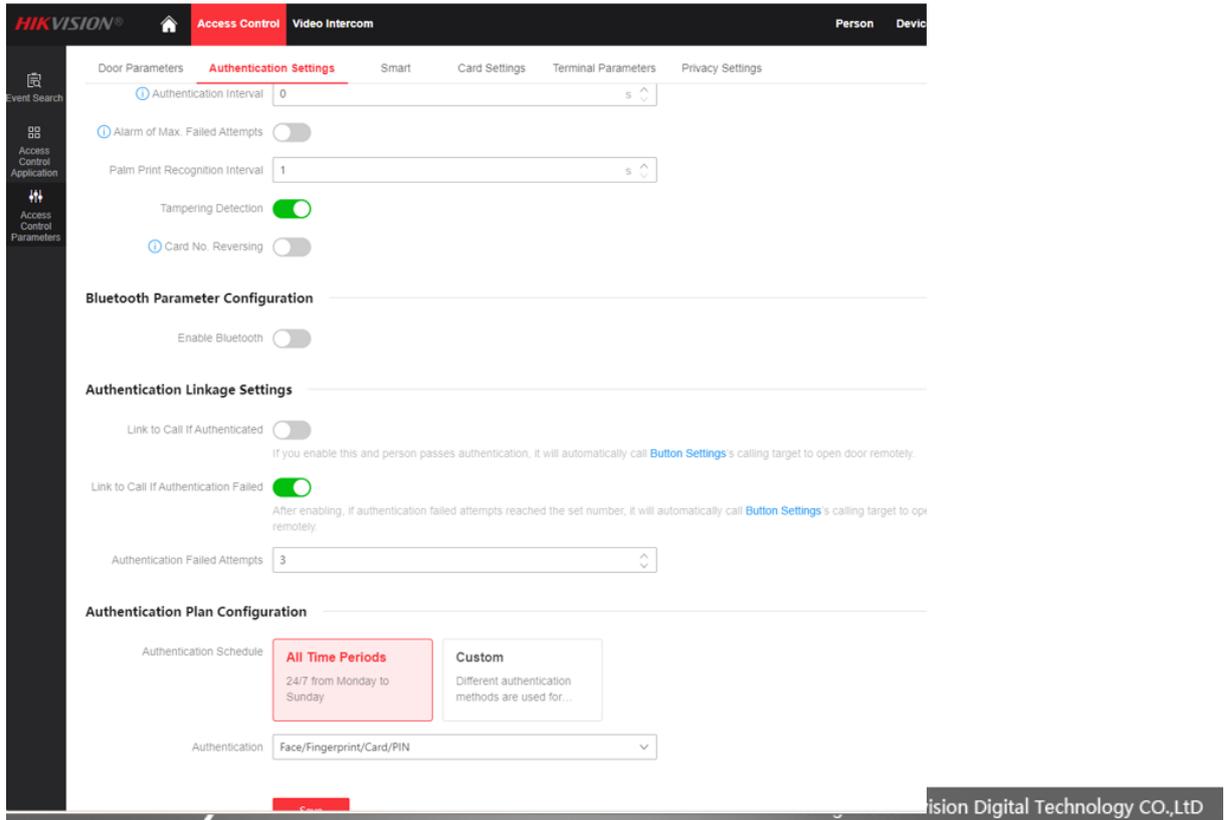
11. Support one-click call to the VoIP center

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



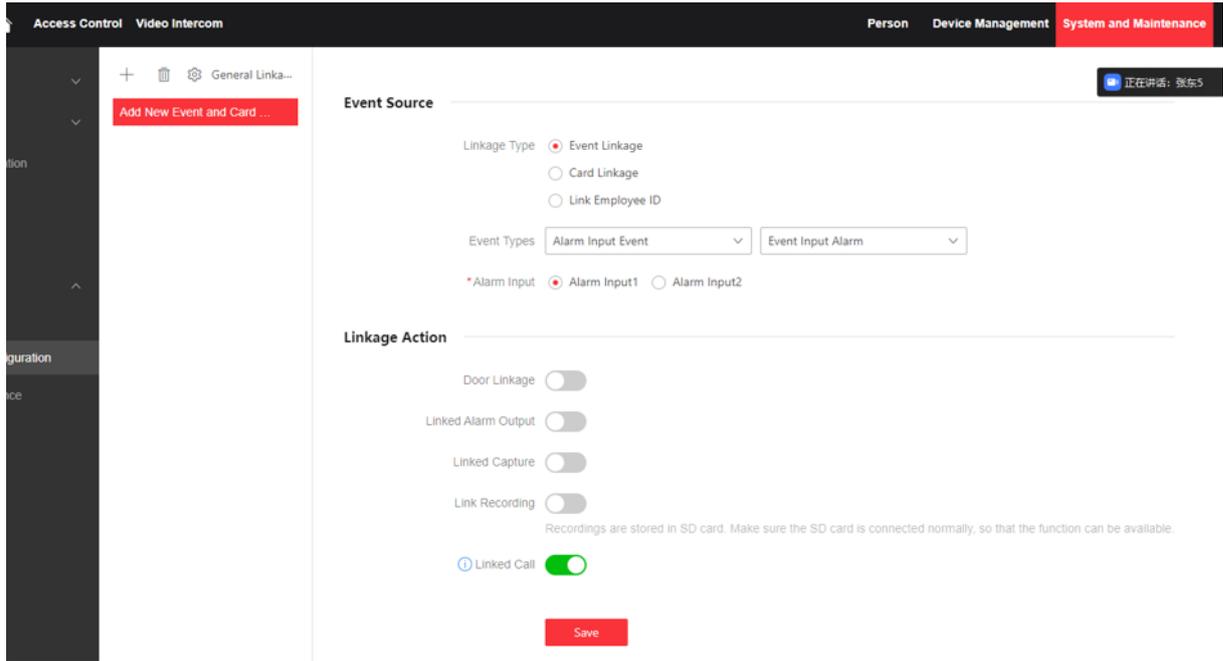
12. Support linkage calls for authentication failure

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.

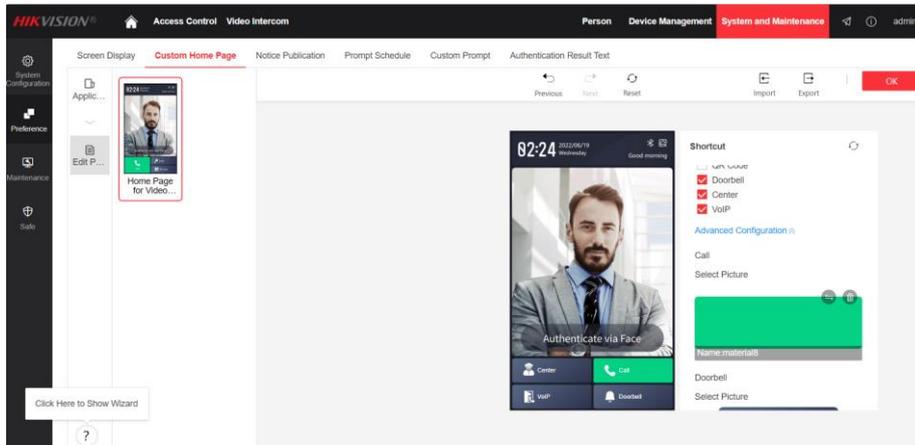


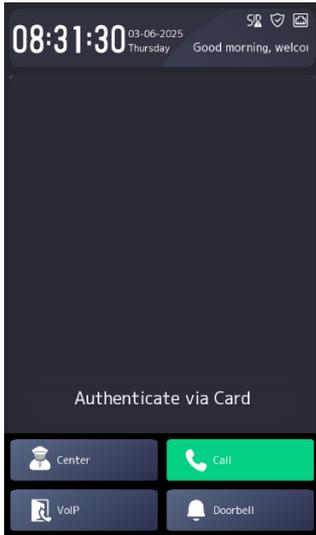
14. The main screen and extension module supports one-click call to the VoIP center
Remark: DS-KAB673-WEQR and DS-KAB673-WBQR can be connect by 673 USB-typeC. VoIP can be called when you push the calling button on DS-KAB673-WEQR or DS-KAB673-WBQR.

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.

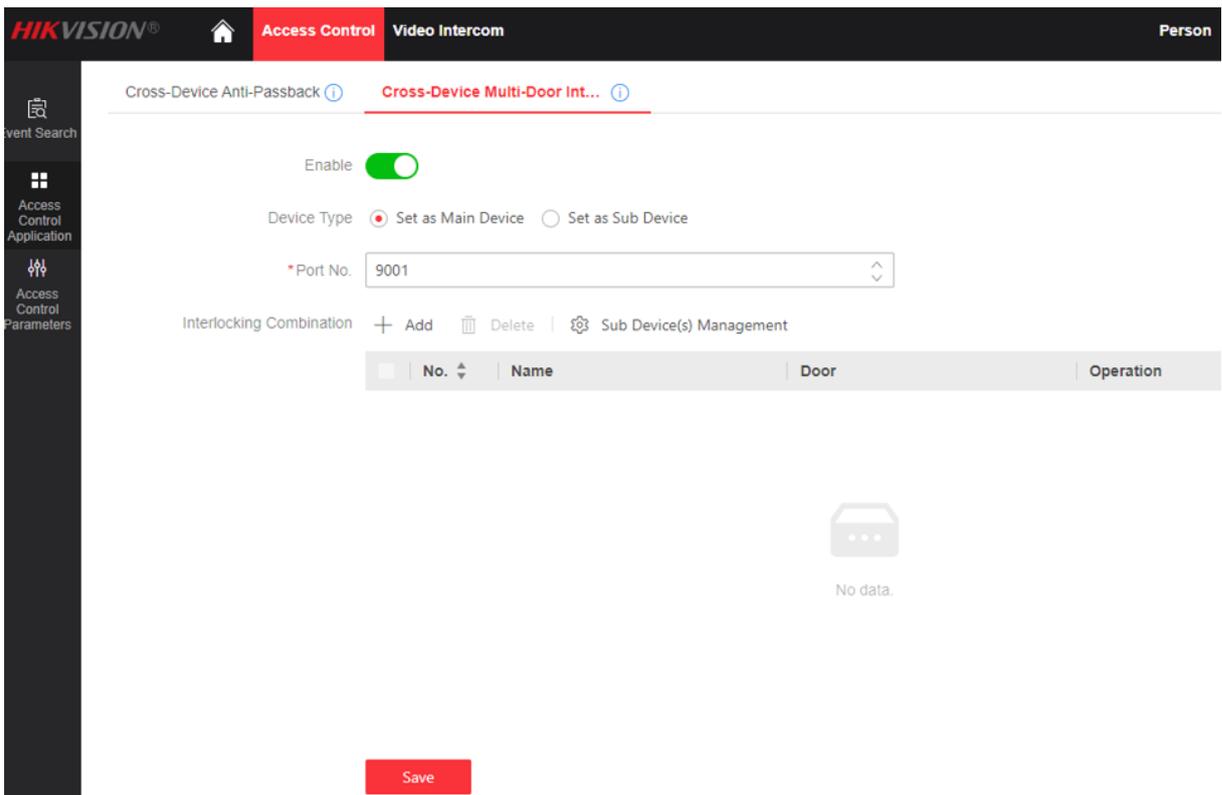


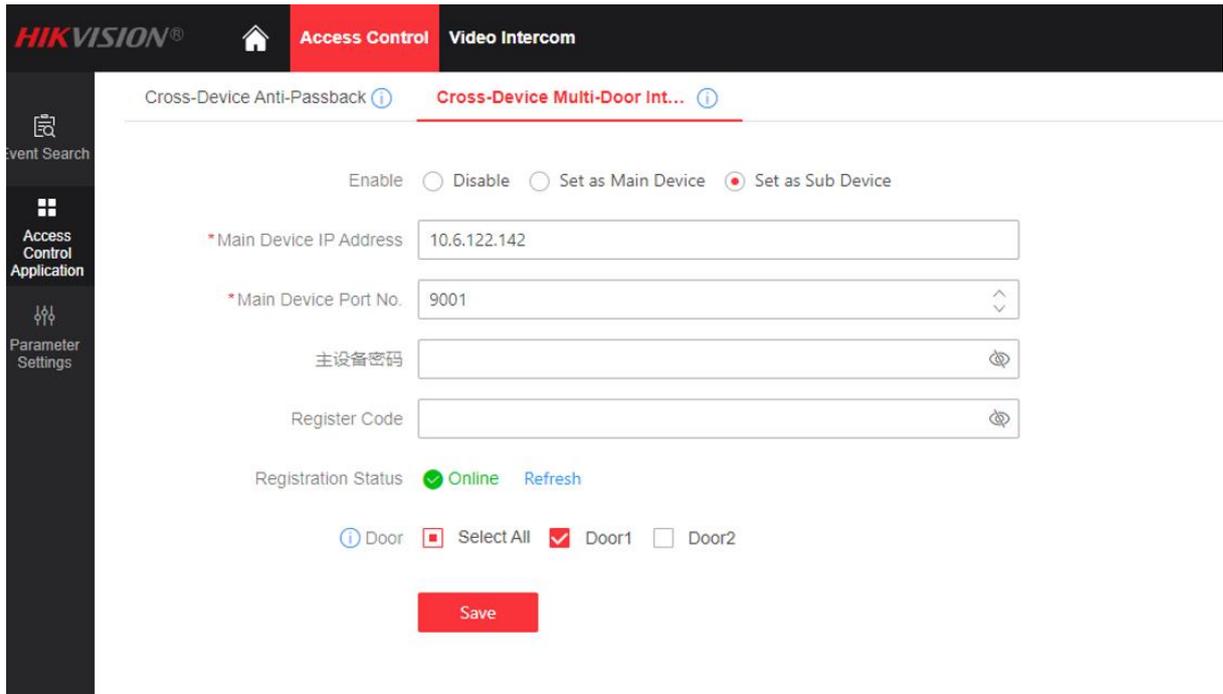


● Access control

1. Support multi-door interlock between devices

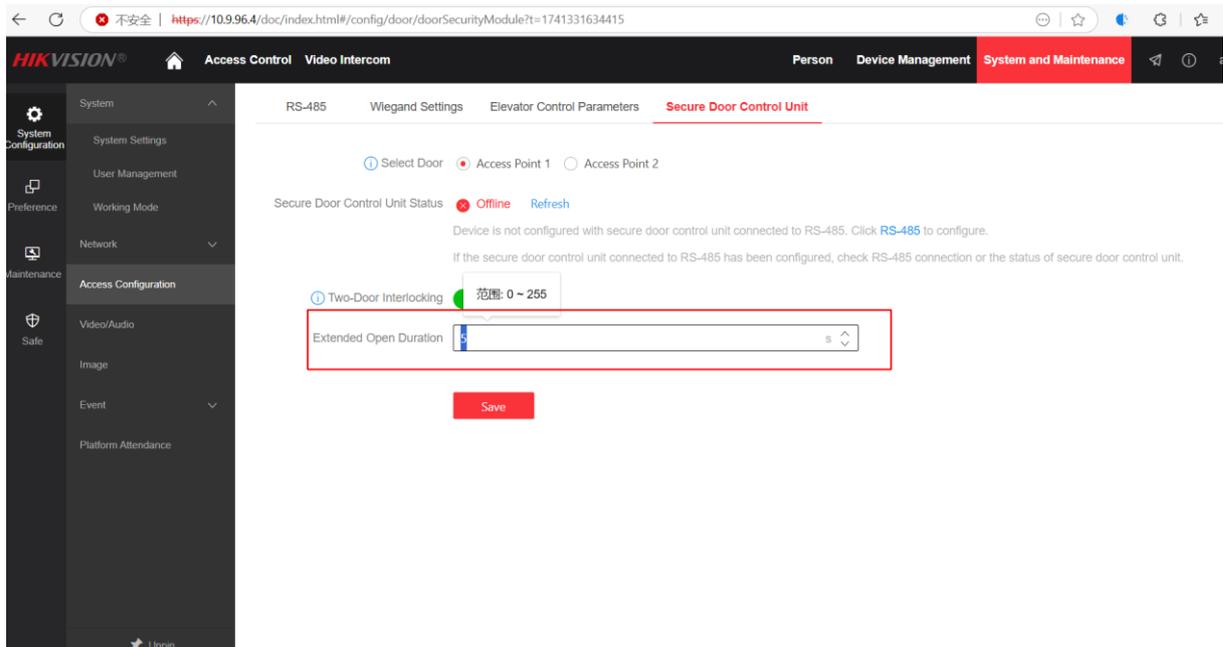
Remark: Users can configure the doors of different devices as interlock groups, and if one of the doors in the interlock group is open, the other doors cannot be opened.





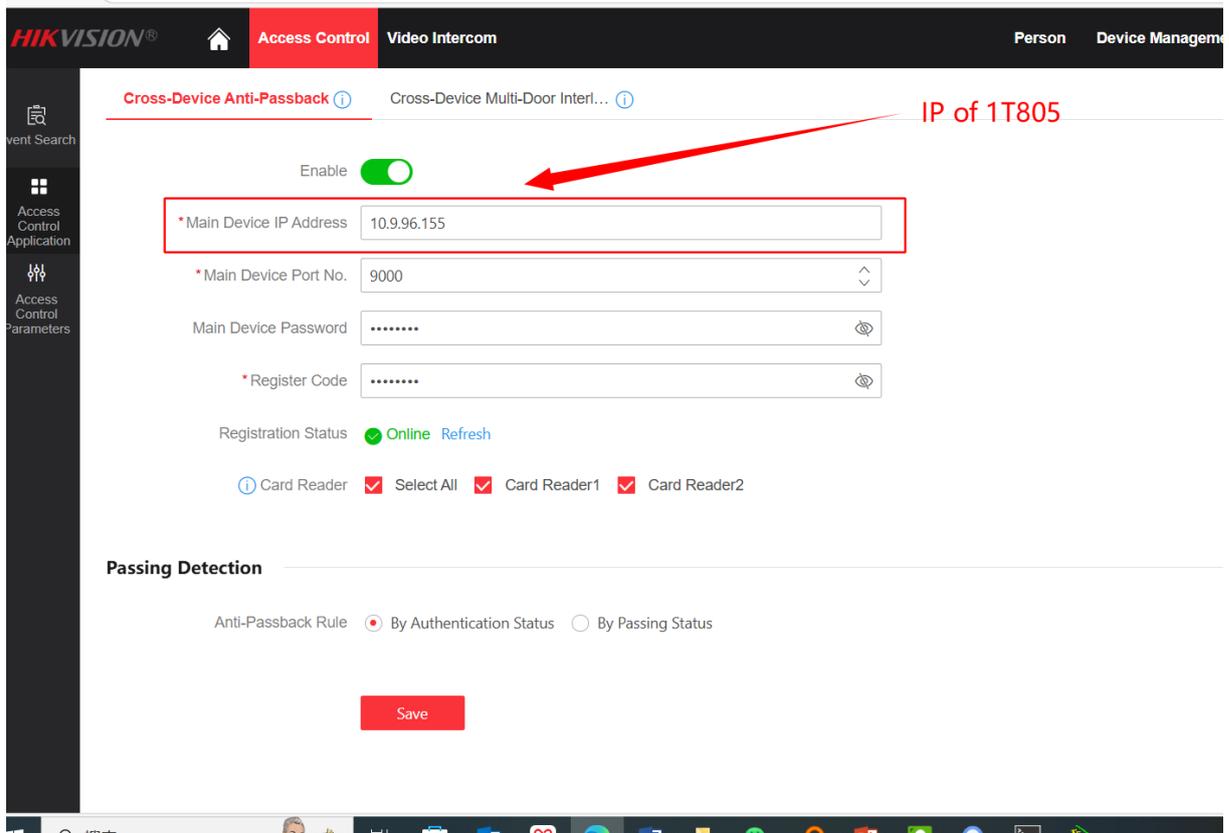
2. Support multi-door interlock delay for door opening in the device

Remark: form 0 to 255 seconds.

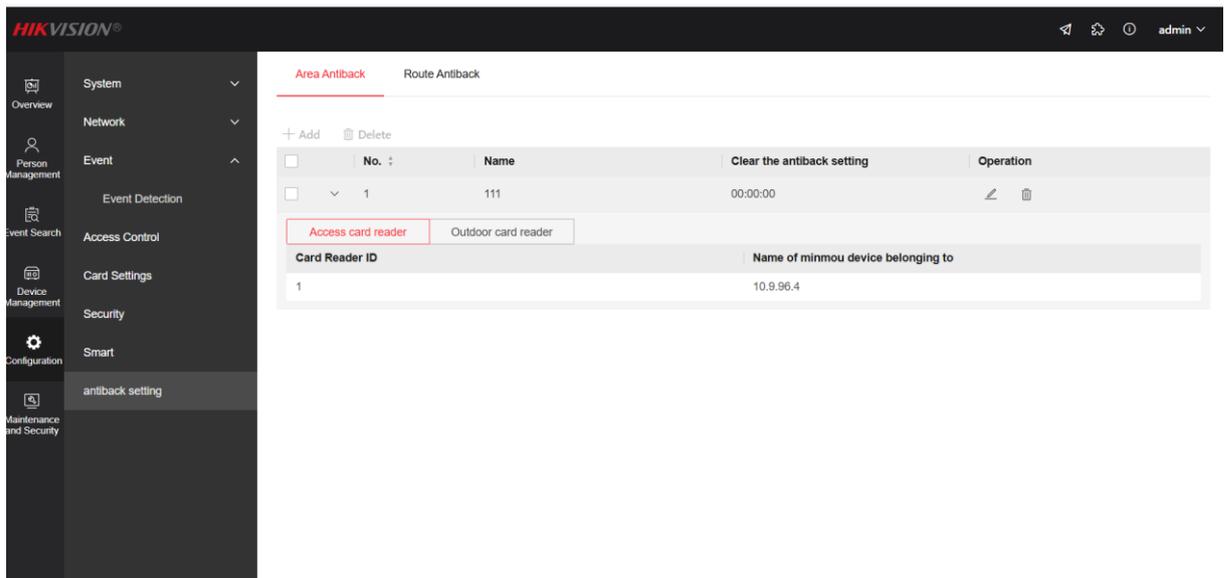


3. Support cross-device anti-passback as a slave device configuration

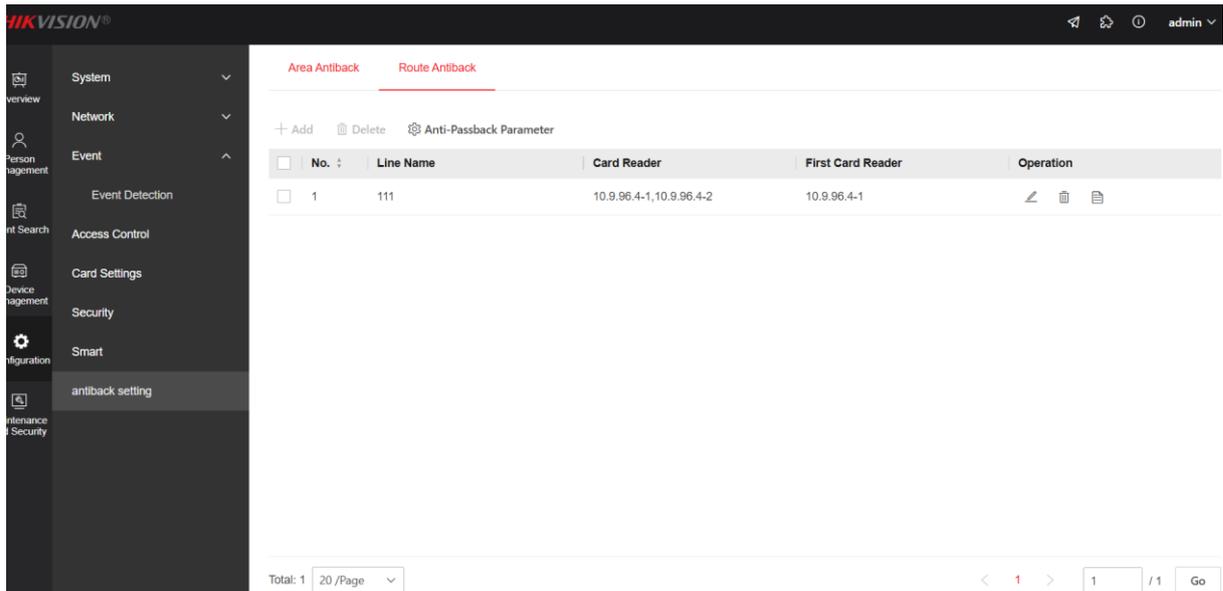
Remark: It is paired with a customized version firmware of DS-K1T805FW(V1.8.1 build) who is used as anti-passback server.



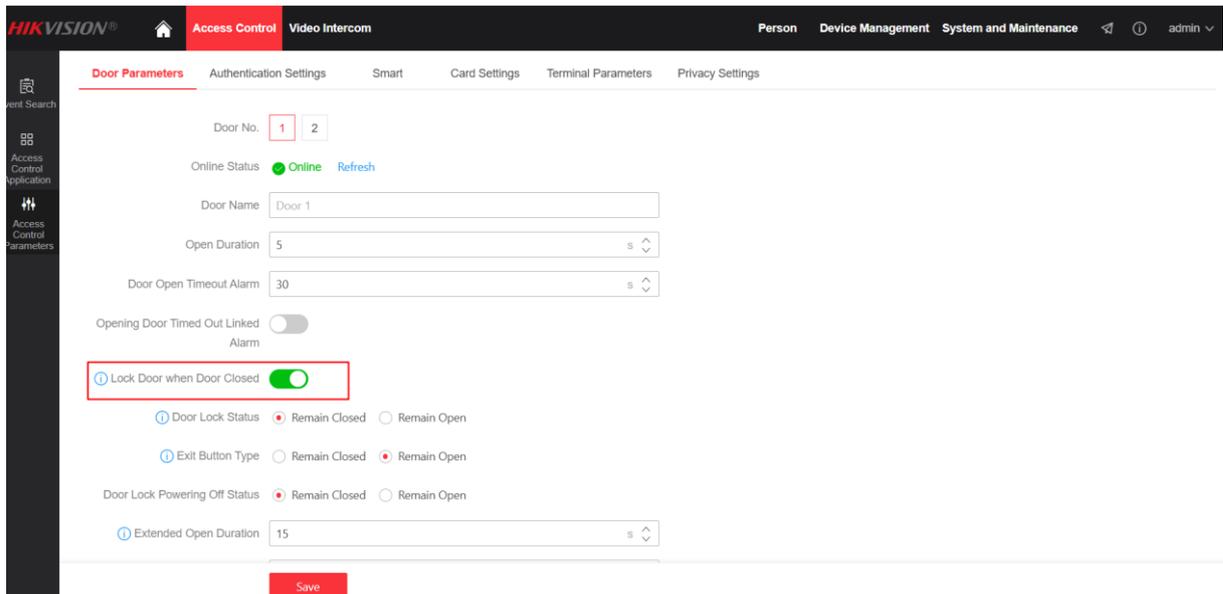
Area Antiback: The entry and exit of people in the area must be matched, otherwise it will not be passable.



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

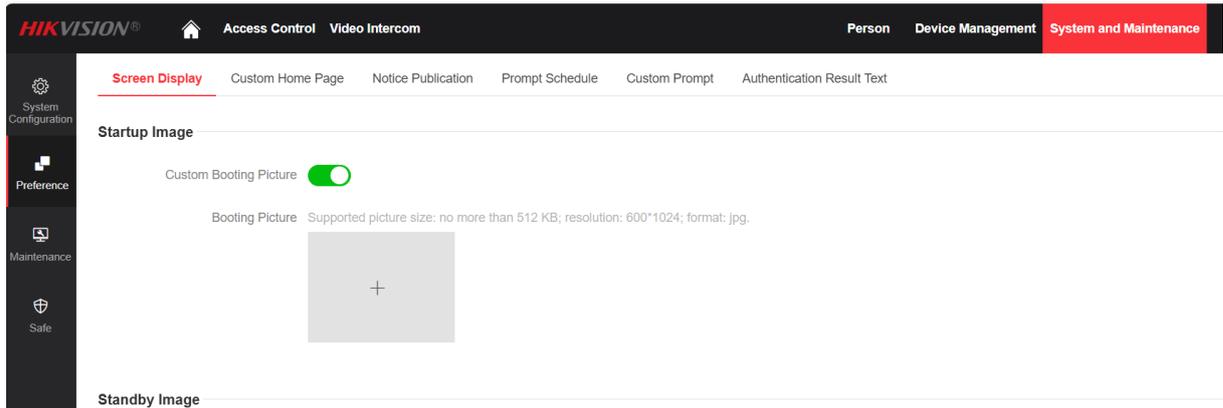


4. Support locking door when door close

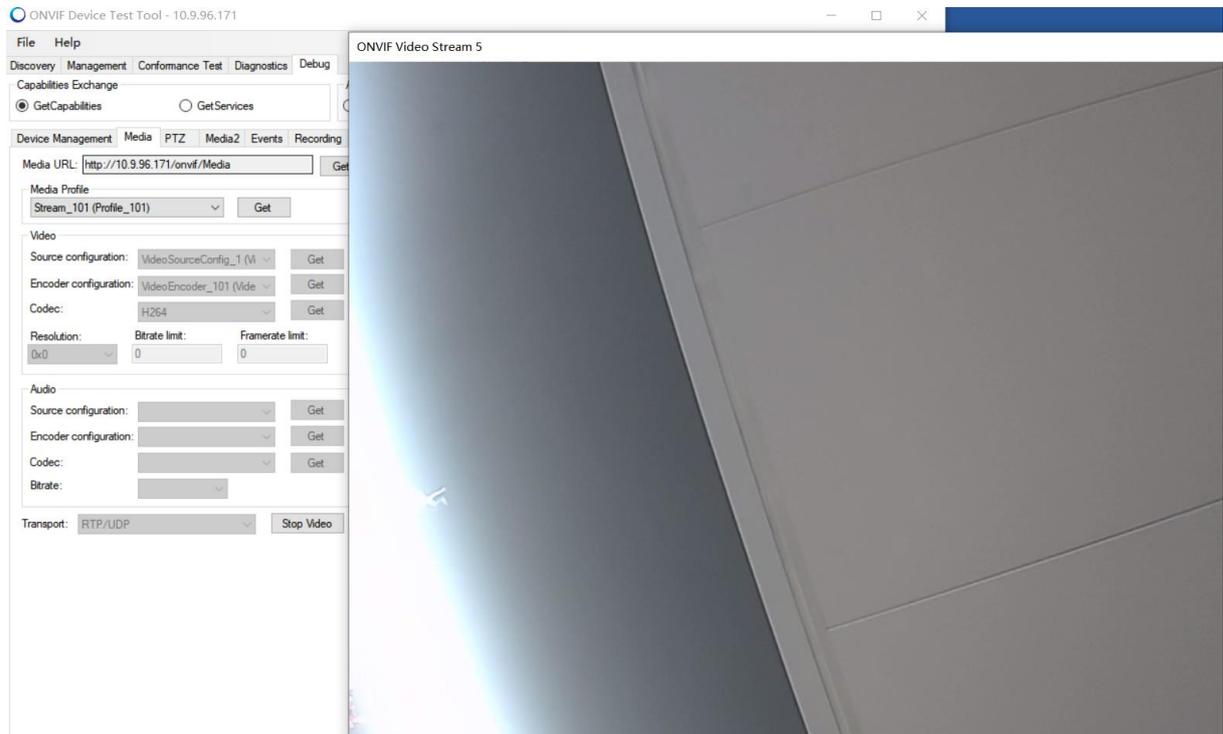


● Others

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

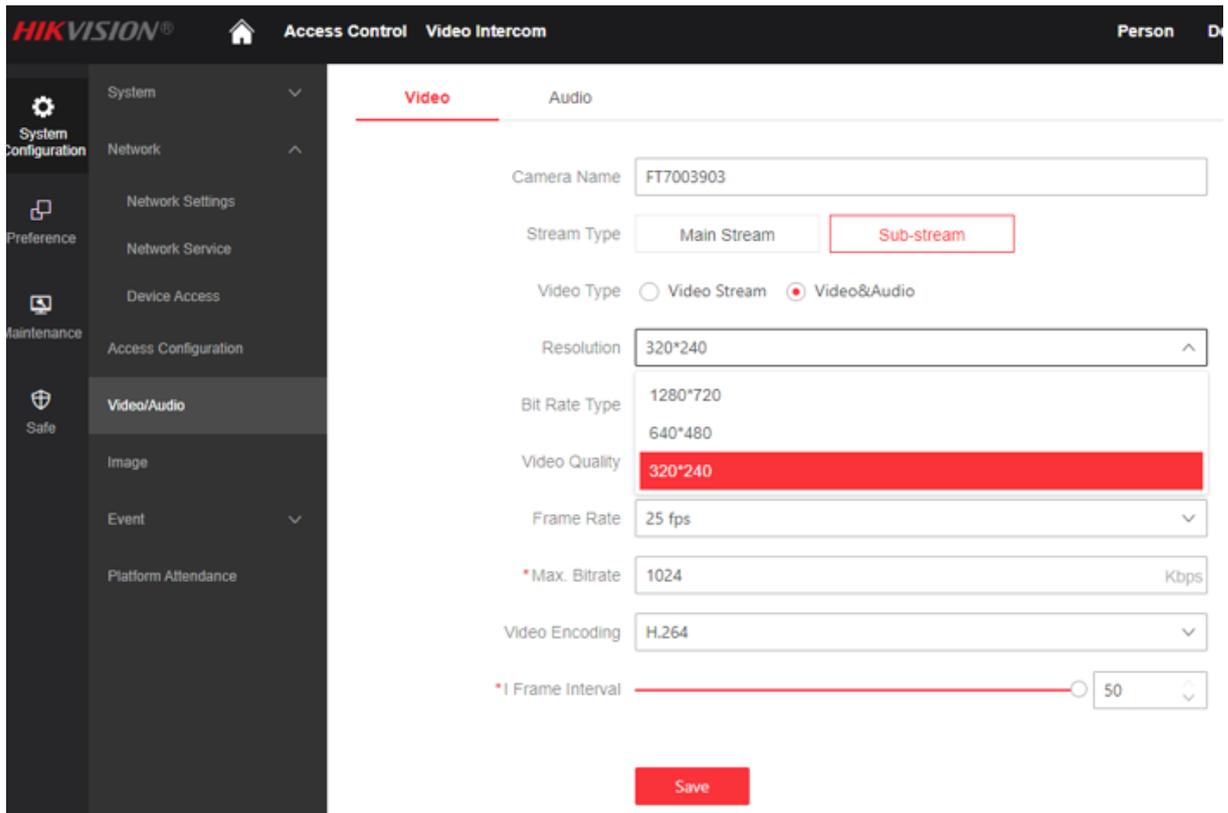


3. Support ONVIF stream fetching

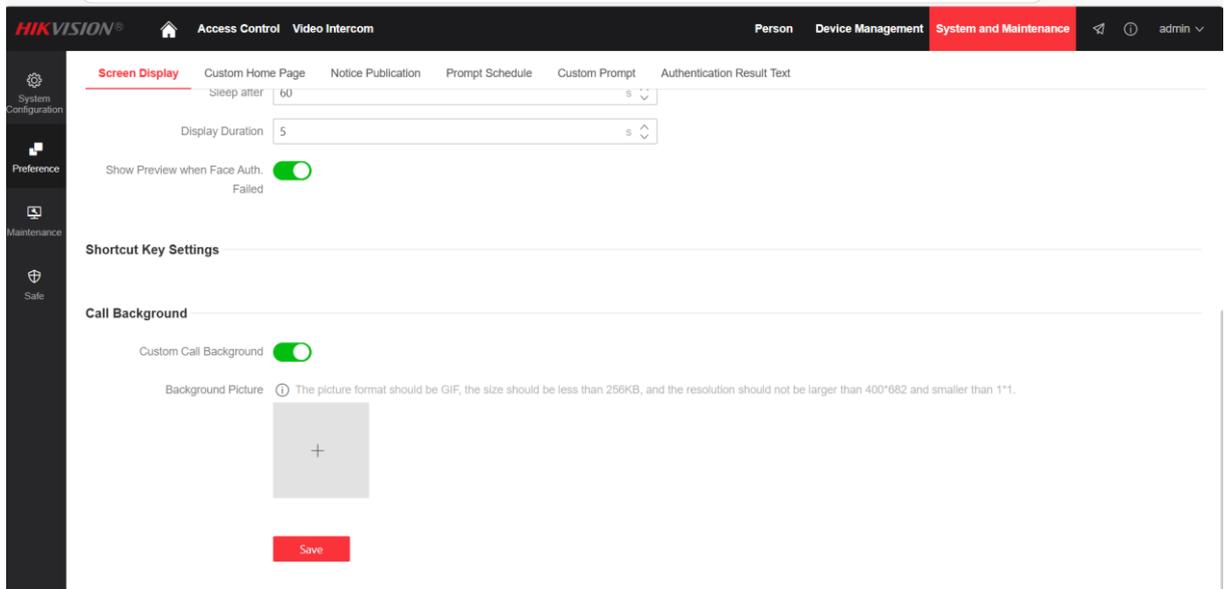


4. Support sub-stream 320x240

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.

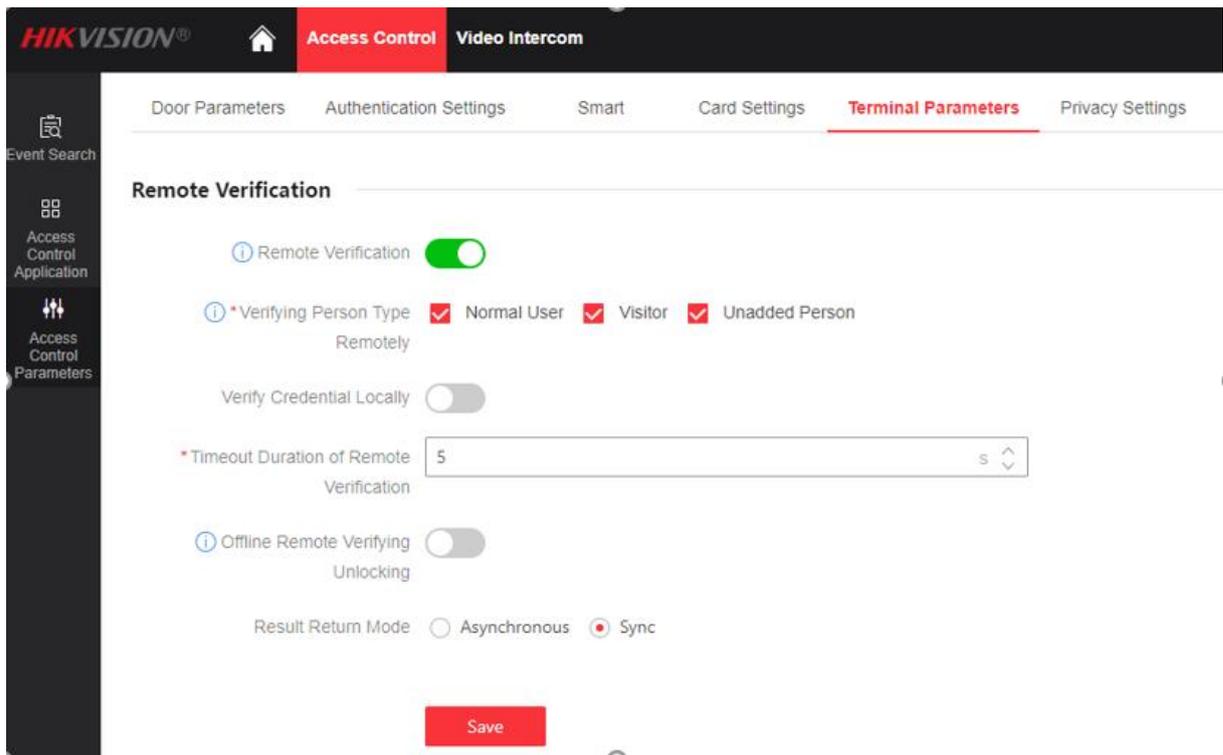


5. Support custom call background images



6. Support remote verification based on different person type

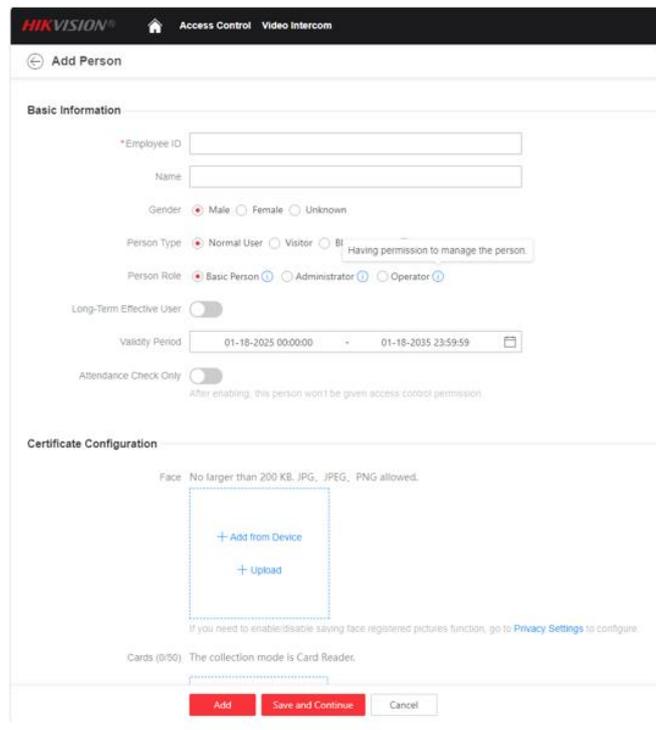
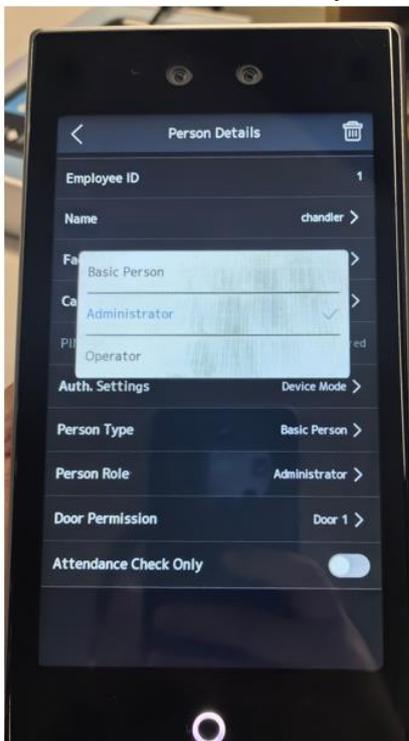
Remark: You can choose different person type to join the remote verification. The 673 support platform anti-pass back with HikCentral platform by using this configuration.



7. Support report device online status by SNMP

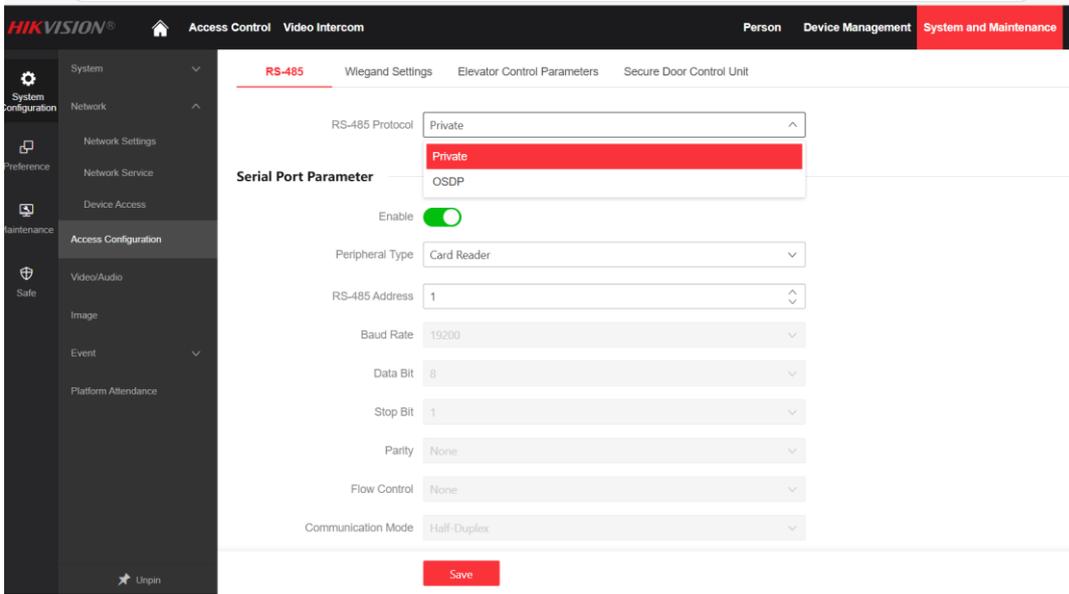
8. Support operator user type in personnel information: Administrator, Operator, Basic Person

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

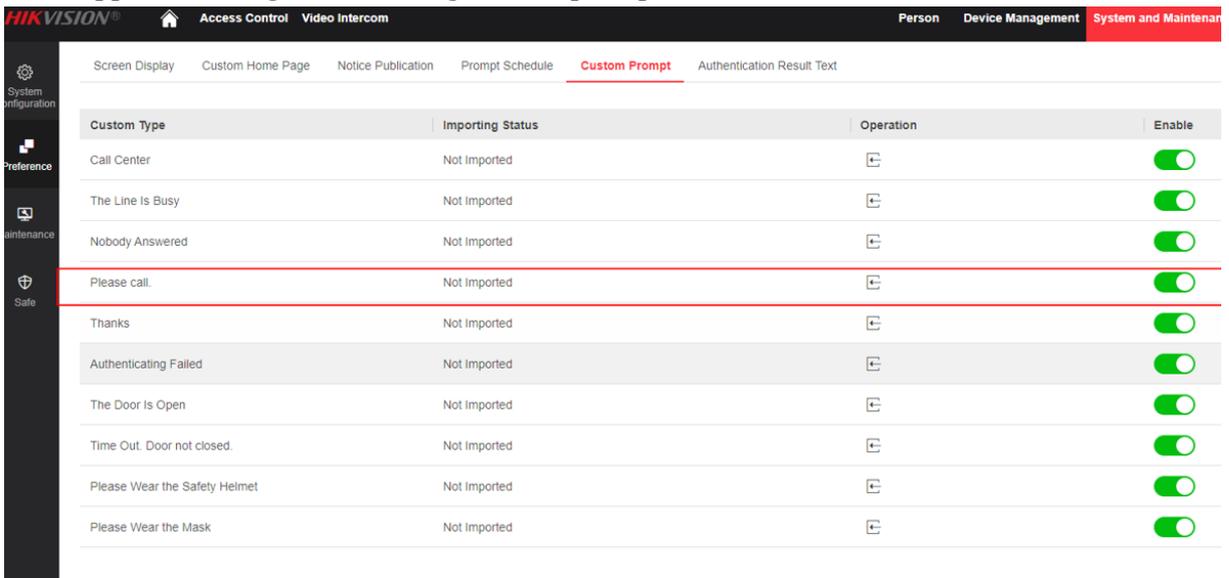


9. Support alarm prompt for door opening timeout

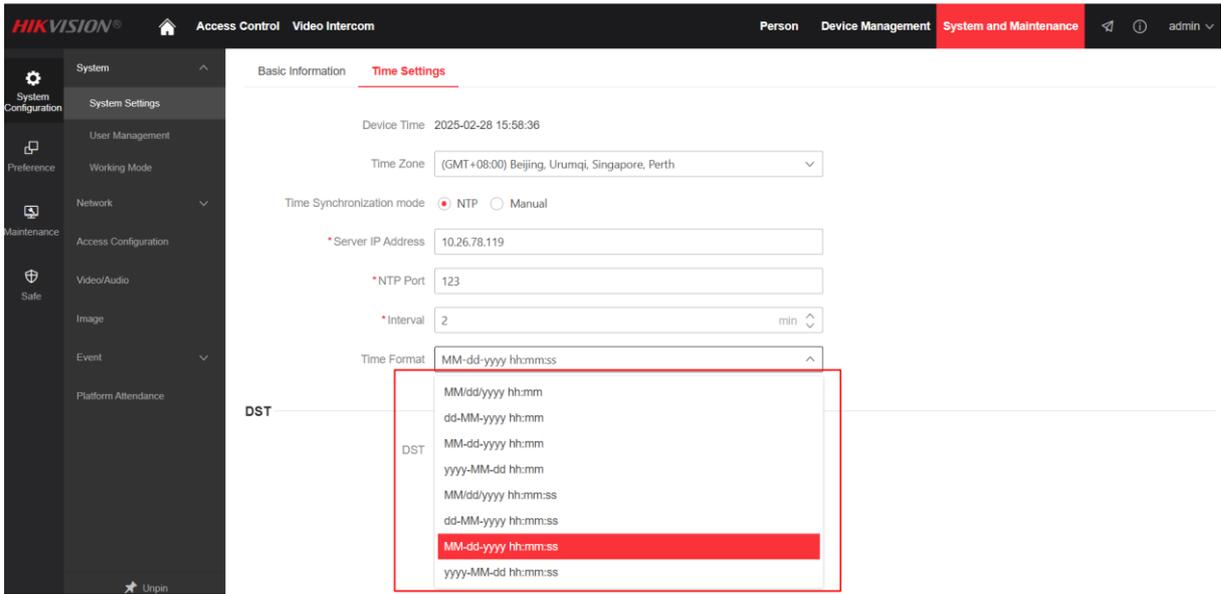
10. Support for connecting to one OSDP card reader



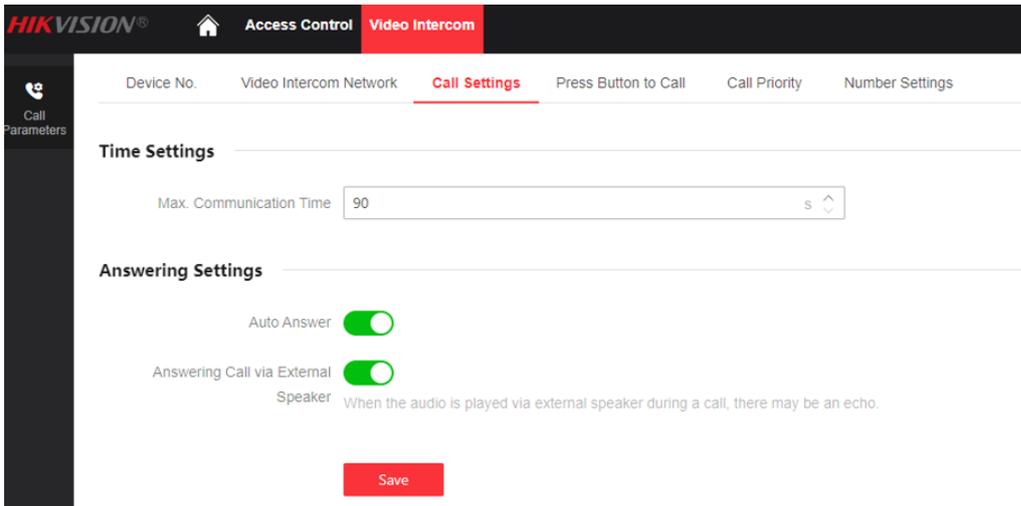
11. Support uploading door magnetic events to Hik-Connect
12. Support enabling and disabling custom prompt sounds



13. Support configuration of device time display format



14. Support external speaker intercom



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

The screenshot displays the HIKVISION web interface for Access Control. The top navigation bar includes 'Access Control' and 'Video Intercom'. The left sidebar contains 'Event Search', 'Access Control Application', and 'Access Control Parameters'. The main content area is titled 'Privacy Settings' and includes a sub-section 'Picture Uploading and Storage'. This section contains several settings, each with a toggle switch and a descriptive text:

- Authentication Result Display Duration:** Set to 5 seconds.
- Save Picture When Auth.:** Enabled. Description: "If enabled, the captured picture when authentication will be saved to the device automatically."
- Upload Picture When Auth.:** Enabled. Description: "If enabled, the captured picture when authentication will be uploaded to the platform automatically."
- Captured Picture Mode:** Radio buttons for 'Default' (selected) and 'Face Picture Matting'.
- Max. Picture Size:** Dropdown menu set to 'Unlimited'.
- Picture Resolution:** Dropdown menu set to 'Auto'.
- Save Registered Picture:** Enabled. Description: "If enabled, the captured face picture when registered will be saved to the device."
- Save Pictures After Linked Capture:** Enabled. Description: "If enabled, the captured pictures will be saved to the device automatically."
- Upload Picture After Linked Capture:** Enabled. Description: "If enabled, the captured pictures will be uploaded to the platform automatically."
- Upload Captured Picture During Call:** Enabled. Description: "If enabled, pictures will be captured automatically during calls and will be uploaded automatically." This setting is highlighted with a red rectangular box.

Below the 'Picture Uploading and Storage' section is the 'Clear All Pictures in Device' section, which includes two 'Clear' buttons: 'Clear Registered Face Pictures' and 'Clear Captured Pictures'. At the bottom is the 'PIN Mode' section with radio buttons for 'Platform-Applied Personal PIN' (selected) and 'Device-Set Personal PIN'. A red 'Save' button is located at the bottom center of the interface.

16. Modify the detection period of the alarm input

17. 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.

HIKVISION® Access Control Video Intercom Person

1

Basic Information

Employee ID 1

Name

Gender Male Female Unknown

Person Type Normal User Visitor Blocklist User Custom Type

Person Role Basic Person Administrator Operator

Long-Term Effective User

Validity Period -

Attendance Check Only
After enabling, this person won't be given access control permission.

DS-K1T673 Series MinMoe Terminal Release Notes (2024-11-22)

<p>Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX,</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB</p> <p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz remote, WB for 433 MHz remote</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.30.0_build241114 ACS_673_F1plus_EN_NEU_V4.30.0_build241114</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p> <p>DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM _V1.0.1_build241105</p> <p>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</p>
	Software Version	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-0/</p>

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New Features

1. Support key settings on the remote
2. Support distance configuration for the remote key fob
3. Support upgrade 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-KAB673-WBQR or DS-KAB673 WEQR is required to upgrade the key fob firmware.

DS-K1T673 Series MinMoe Terminal Release Notes (2024-10-25)

<p>Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX,</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB</p> <p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz ,WB for 433 MHz</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.25.1_build241014 ACS_673_F1plus_EN_NEU_V4.25.1_build241014</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p>
	Software Version	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/</p>

Modified Feature

1. When the device firmware is upgrade from V3.x directly to V4.25.x, the face model data upgrade compatibility issue is fixed

DS-K1T673 Series MinMoe Terminal Release Notes (2024-09-23)

<p>Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB</p>	Firmware Version	<p>Controller: ACS_673_F1plus_EN_STD_V4.25.1_build240914 ACS_673_F1plus_EN_NEU_V4.25.1_build240914</p> <p>Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919</p> <p>DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p>
<p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz ,WB for 433 MHz</p>	Software Version	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/</p>

New Function

1. Compatible with new palm print & palm vein module DS-KAB673-P
The module supports 10,000 palm print and palm vein capacity



DS-K1T673 Series MinMoe Terminal Release Notes (2024-07-23)

<p>Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB</p>	<p>Firmware Version</p>	<p>ARM: ACS_673_F1plus_EN_STD_V4.25.0_build240722 ACS_673_F1plus_EN_NEU_V4.25.0_build240722</p> <p>MCU (for DS-KAB673-EDB only) : ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709</p>
<p>Naming Rule: D for Desfire, Felica and M1 card ED for EM & Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz ,WB for 433 MHz</p>	<p>Software Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/</p>

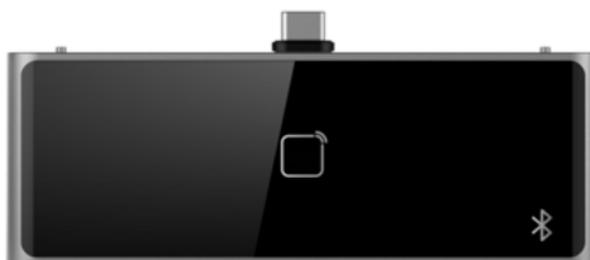
Reason of Upgrade

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

New Function

1. Compatible with new dual frequency extension module DS-KAB673-EDB, which supports EM, M1 , Felica, Desfire card reading and Bluetooth door opening (with Hik-Connect and HikCentral mobile app) at the same time.

Note: After connecting the extension module, the status bar on the top of screen, will show the module status, at the same time the on-screen card swiping will be disabled and prompt to swiping card on the extension module.



DS-K1T673 Series MinMoe Terminal Release Notes (2024-03-15)

<p>Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX</p>	<p>Firmware Version</p>	<p>ARM: ACS_673_F1plus_EN_STD_V4.10.0_build240311 ACS_673_F1plus_EN_NEU_V4.10.0_build240311</p>
<p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR,DS-KAB673-WBQR</p> <p>Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz ,WB for 433 MHz</p>		<p>Software Version</p>

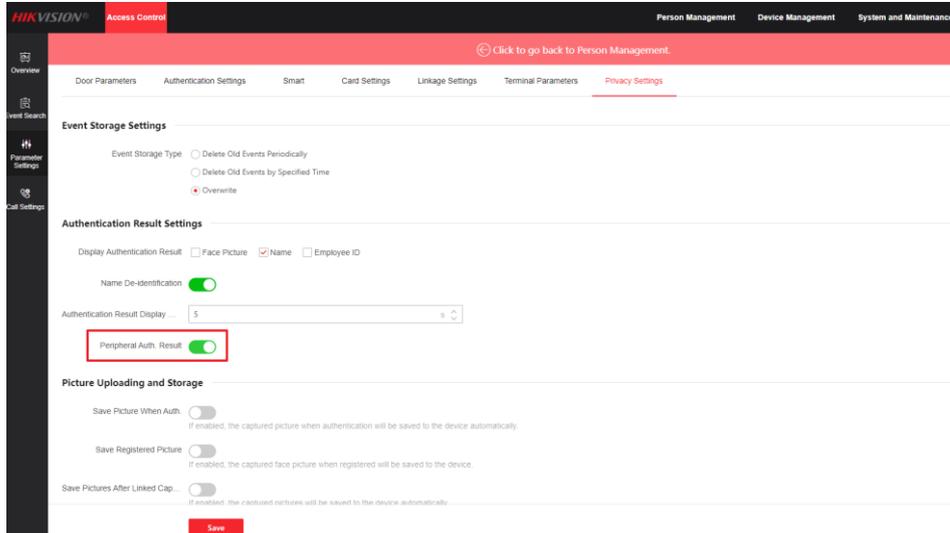
Reason of Upgrade

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

Function Optimization

1 UI display optimization when connecting with turnstile:

When connecting with turnstile as card reader via RS485 protocol, 673 can display authentication result of turnstile. (only work when firmware version of turnstile supports this function as well)



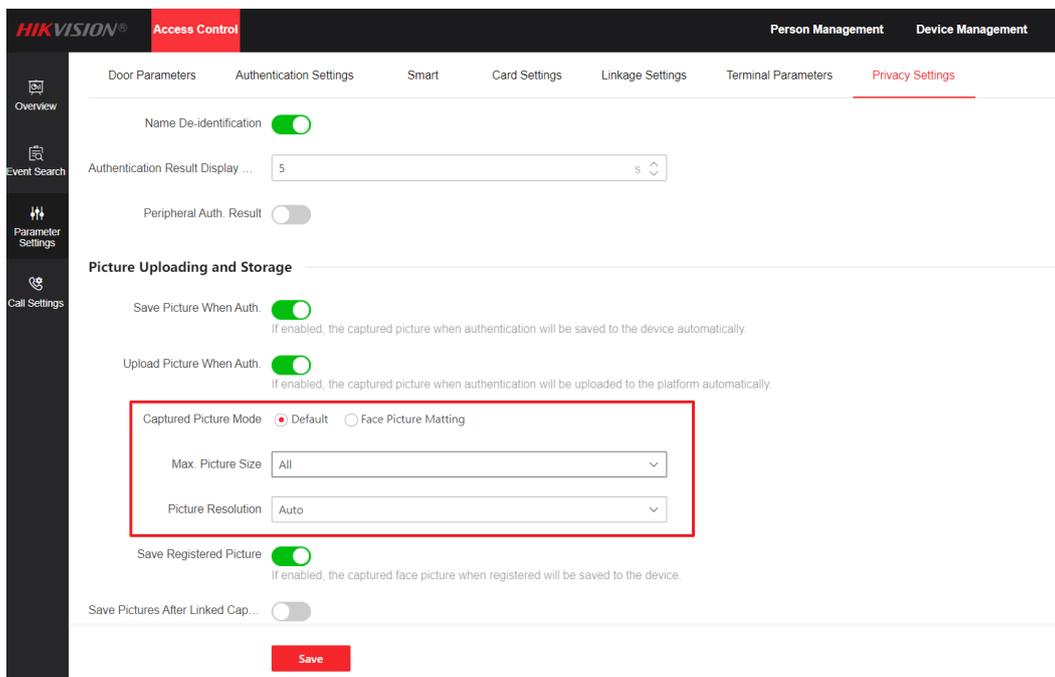
2 Face algorithm compatibility:

When upgrade firmware from 3.18.0 or before to V4.10.0 and did not save registered picture in privacy settings, there is no need to apply face picture to device again.

3 Support QR Code V2.0 dynamic encryption

4 Support multi factor authentication full authentication group link, expand authentication group quantity

5 Support custom solution and size of face captured picture



6 Support display remote host IP on event search page

No.	Employee ID	Name	Card No.	Door	Event Types	Time	Remote Host IP	Card Reader	Operation
1	--	--	--	--	Remote Manual...	2024-03-20 18...	10.9.96.12	--	--
2	--	--	--	--	Remote Manual...	2024-03-20 18...	10.9.96.12	--	--
3	--	--	--	--	Remote Login	2024-03-20 18...	10.9.96.12	--	--
4	--	--	--	--	Remote Login	2024-03-20 17...	10.9.96.12	--	--
5	--	--	--	--	Remote Login	2024-03-20 17...	10.9.96.12	--	--
6	--	--	--	--	Device Tampered	2024-03-20 17...	--	--	--
7	--	--	--	--	Event Input Alarm	2024-03-20 17...	--	--	--
8	--	--	--	--	Network Discon...	2024-03-20 17...	--	--	--

- 7 Remove deep mode on web client
- 8 Remove ehome 2.0/2.6/4.0 protocol, only keep ISUP 5.0

New Features

1. Support customize person type

Add Person

Basic Information

*Employee ID:

Name:

Gender: Male Female Unknown

Person Type: Normal User Visitor Blocklist User Custom Type

Custom Person Type:

The person with custom type has the same permission as that of normal user.

Administrator:

Long-Term Effective User:

Validity Period: 2024-03-15 00:00:00 - 2034-03-15 23:59:59

Edit Custom Person Type

You can customize the name of person type.

No.	Name
1	<input type="text" value="VIP"/>
2	<input type="text" value="Custom Type 2"/>
3	<input type="text" value="Custom Type 3"/>
4	<input type="text" value="Custom Type 4"/>
5	<input type="text" value="Custom Type 5"/>

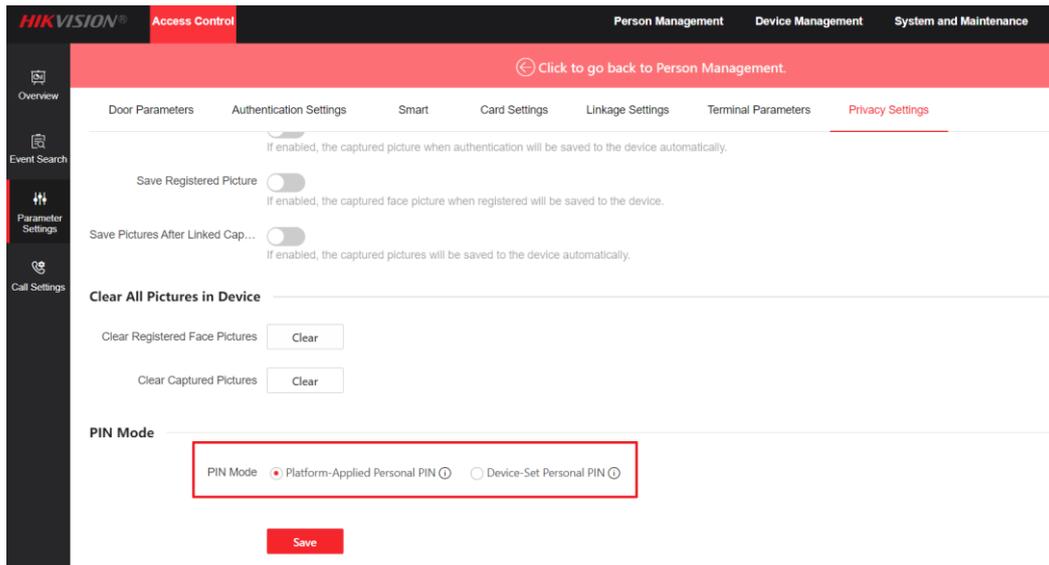
2. Person synchronization : support sync person information to platform automatically

Notice:

- a. Platform requirement: HCP V2.4.1 or HCAC V2.1.1 or later
 - b. Only ISAPI or ISUP protocol supported
 - c. Need to set up on platform first. If you enable this function , changes of the person information will be synced from the device to the platform automatically
3. Support PIN mode switch between platform applied personal PIN mode and device set personal PIN mode

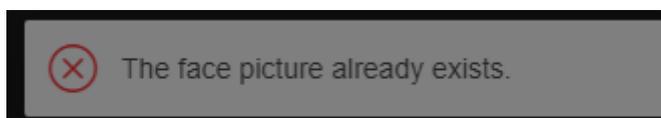
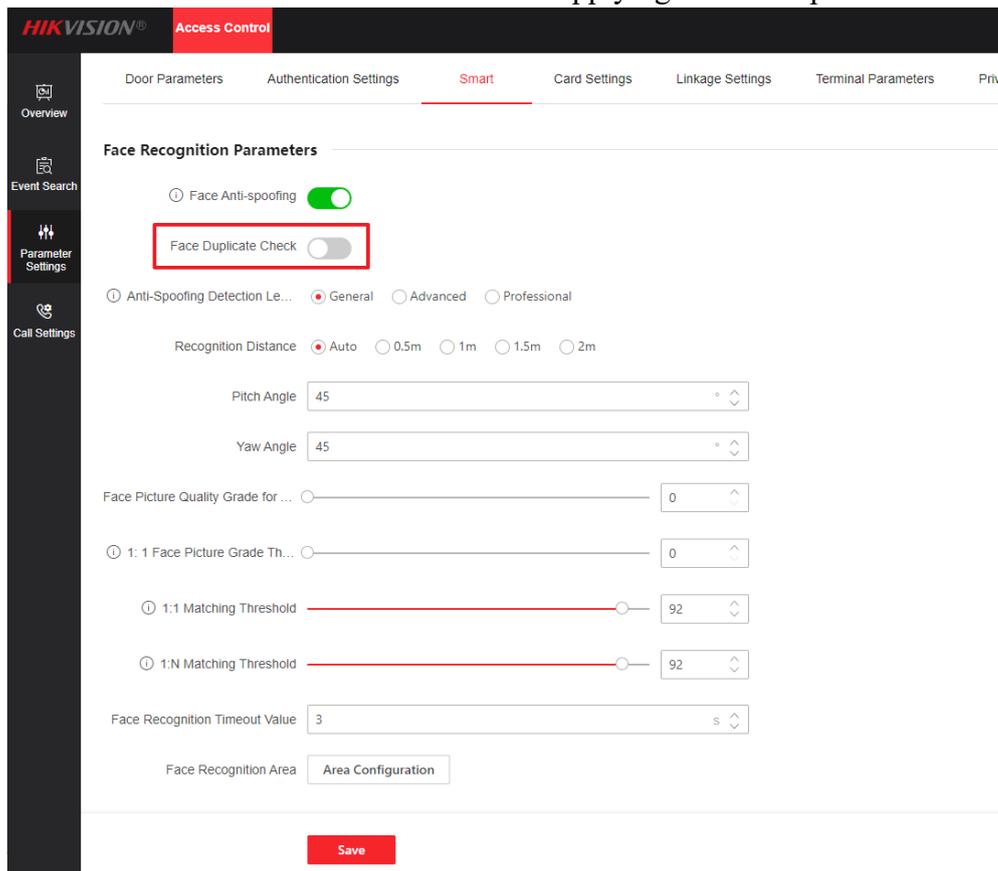
Notice :

Open web client, go to Access Control –Parameter Setting-Privacy Settings-PIN mode to switch PIN Code mode. In platform applied mode, cannot edit PIN Code on web client, it needs to be set on platform. In device set mode, can edit PIN Code on web client or local UI and PIN code set by platform is invalid.



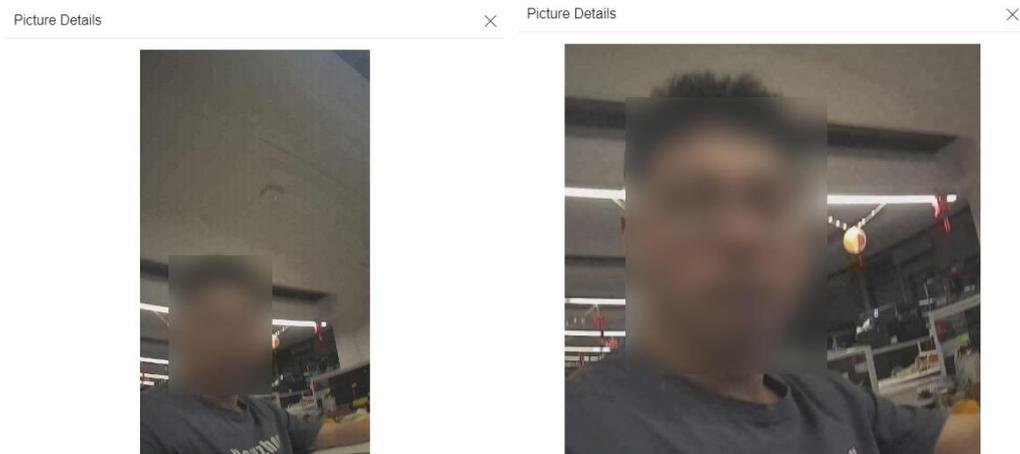
4. Support duplicated face picture check

After enabling this function, it will fail to save face picture when enroll duplicated face. This function CANNOT work when batch applying face from platform



5. Support captured face picture matting

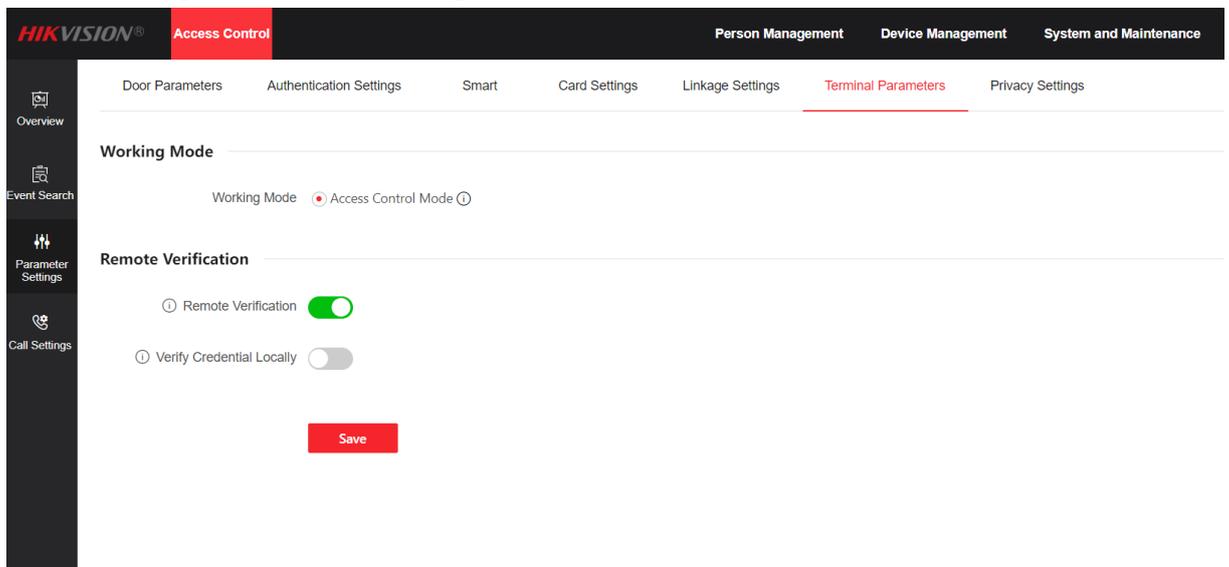
Default captured picture & face picture matting:



6. Remote verification:

Support remote verification+ local verification or remote verification only.

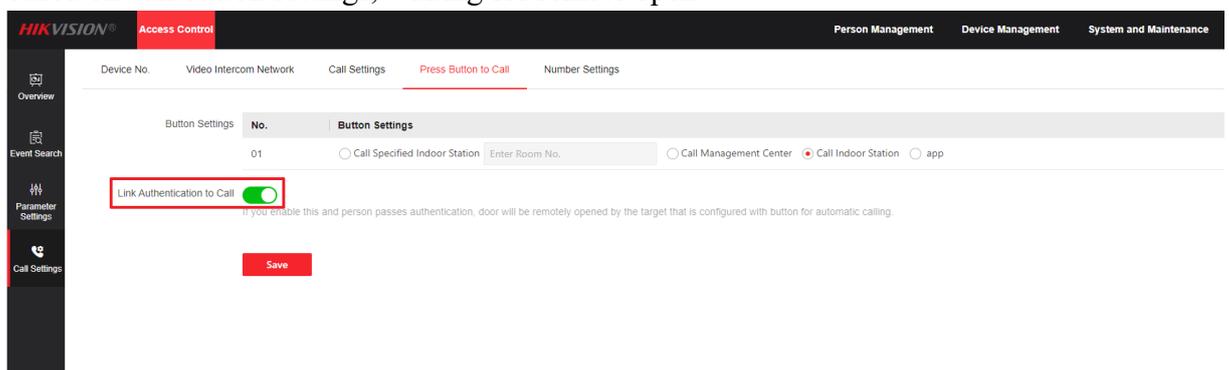
After enabling this function, multi person authentication cannot work



7. Blocklist management: support set door permission for person in blocklist

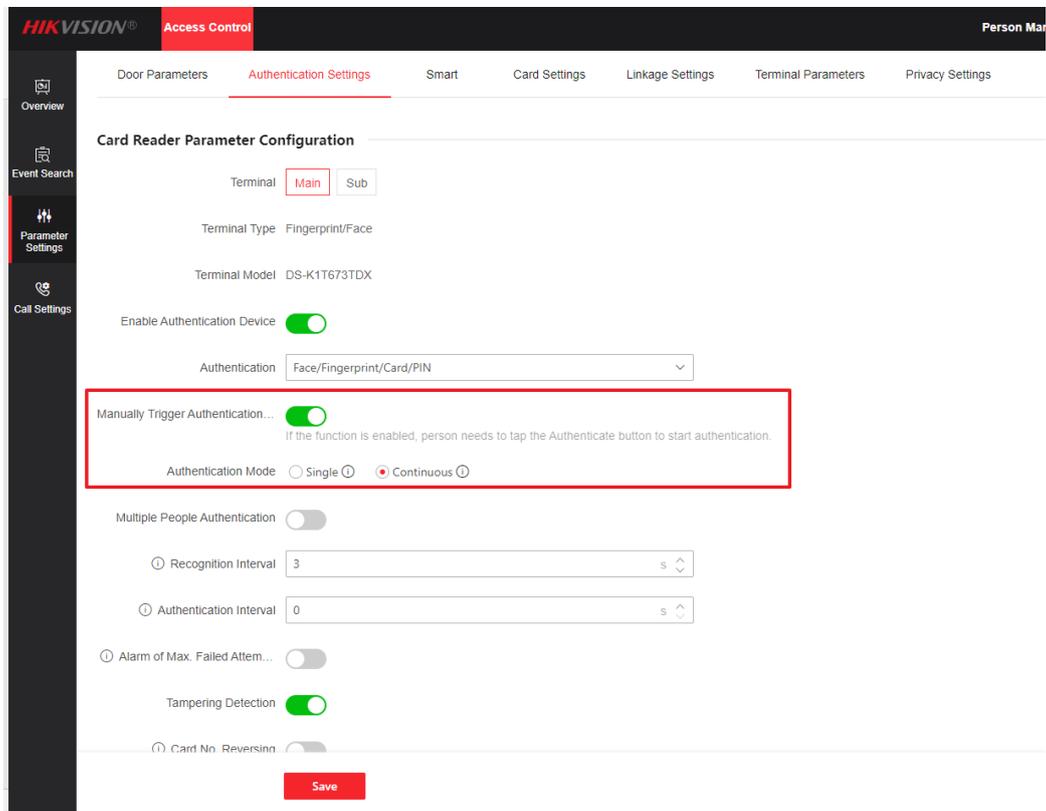
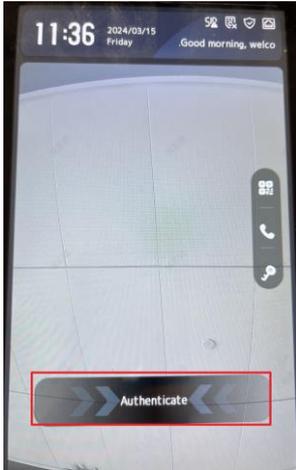
8. Link authentication to call:

Enabling this function, after authenticating device will not open door, it will call objects based on call button settings, waiting for remote open

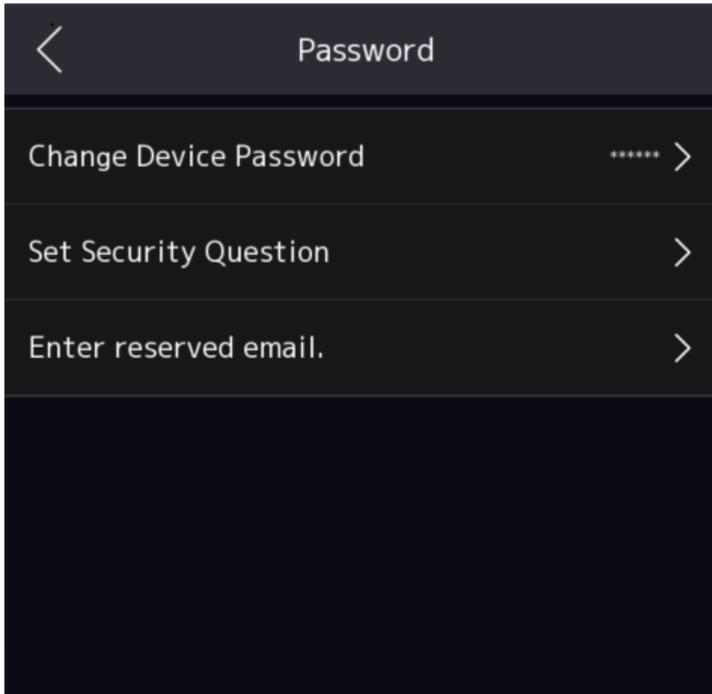


9. Support manually trigger authentication

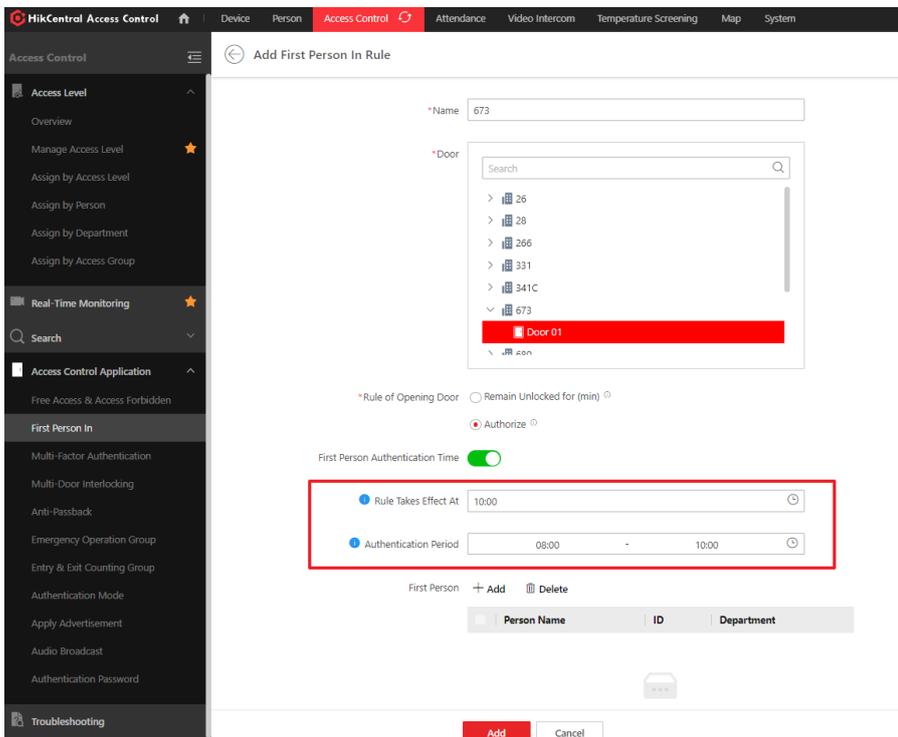
After enabling this function, person need to tap authentication button to start authentication



10. Password management: support modify password on local UI



11. Support first person authorize and first person authentication time configuration (only work when using ISAPI protocol)

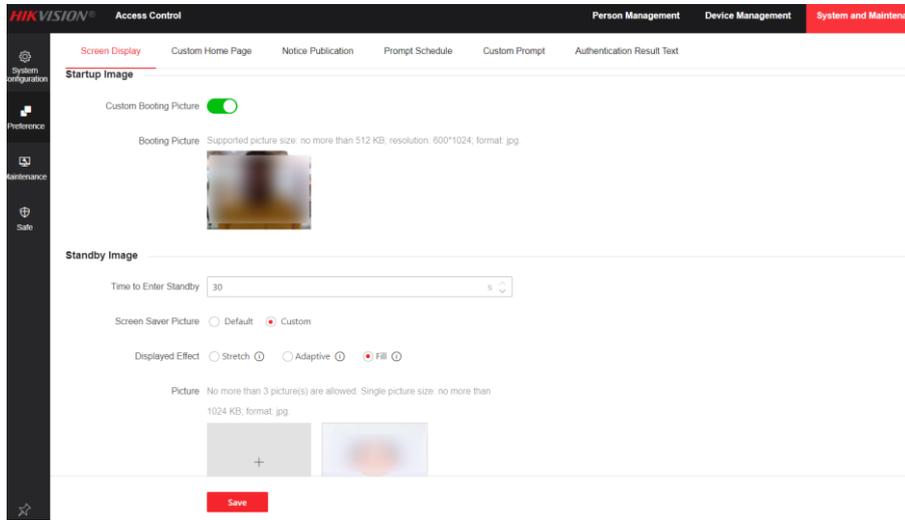


12. Support language: **Traditional Chinese, French, Turkish**, English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Japanese, Korean. Red one are newly supported languages.
13. Support elevator controller.
 - a. Support Max. 4 elevator controller
 - b. Support different call elevator mode: authorize only, call elevator only, call elevator +

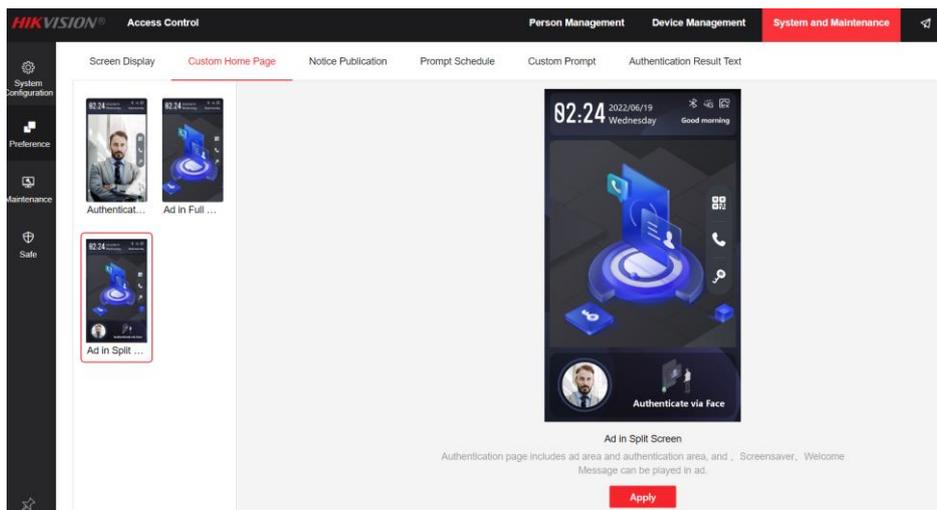
authorize

14. Preference

- a. Support custom booting picture and standby picture

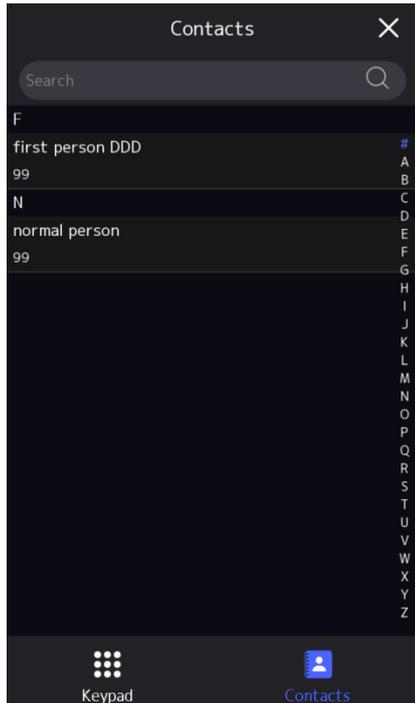


- b. Support different advertisement mode: authentication mode, Ad in split screen, Ad in full screen



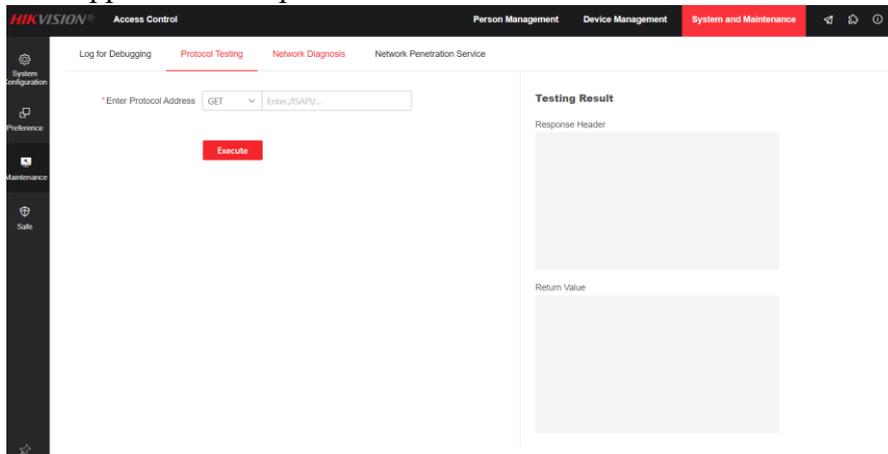
15. Video intercom:

- a. Support SIP 2.0
- b. Support VOIP function
- c. Support contact list on local UI



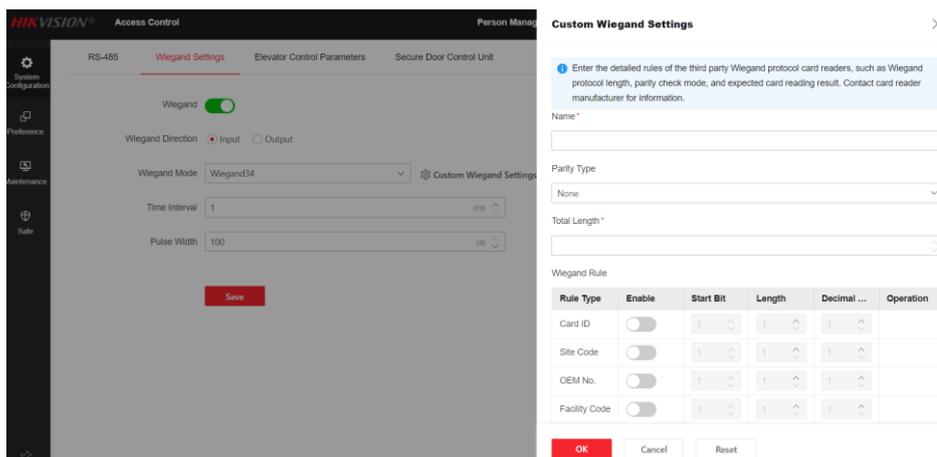
16. Maintenance

- a. Support protocol testing
- b. Support network diagnosis
- c. Support network penetration service



17. Support live view and event search without web plug-in

18. Support custom wiegand



- 19. Support set sub card reader position for Wiegand reader. If set as the same side as main card reader, sub card reader can work with main card reader to realize combined authentication.
- 20. Support OTAP protocol

Fix bug

- 1. Fix some known bug

DS-K1T673 Series MinMoe Terminal Release Notes (2023-12-06)

<p>Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX</p>	<p>Firmware Version</p>	<p>ARM: ACS_673_F1plus_EN_STD_V3.18.0_build231123 ACS_673_F1plus_EN_NEU_V3.18.0_build231123</p>
<p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR,DS-KAB673-WBQR</p> <p>Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz ,WB for 433 MHz</p>	<p>Software Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-1/</p>

Reason of Upgrade

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

Fix bug

9 Fix some known bug

DS-K1T673 Series MinMoe Terminal Release Notes (2023-11-07)

<p>Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX</p>	<p>Firmware Version</p>	<p>ARM: ACS_673_F1plus_EN_STD_V3.18.0_build231023 ACS_673_F1plus_EN_NEU_V3.18.0_build231023</p>
<p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR,DS-KAB673-WBQR</p> <p>Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code WE for 868 MHz ,WB for 433 MHz</p>		<p>Software Version</p>

Reason of Upgrade

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

New Features

10 Support peripheral module to work with alarm keyfob/QR code/Bluetooth function
If connected with wireless peripheral module(WE/WB), icon representing keyfob status will change on main screen



Connected

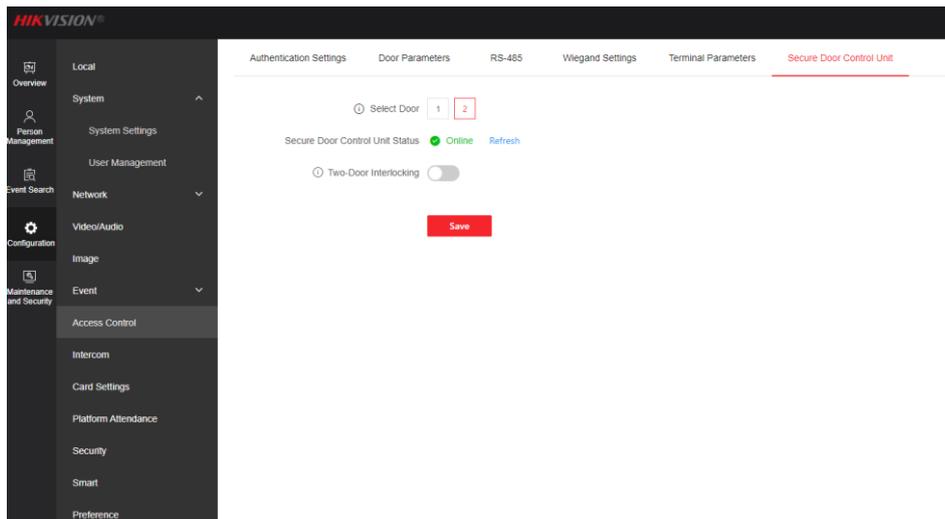


Disconnected

11 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



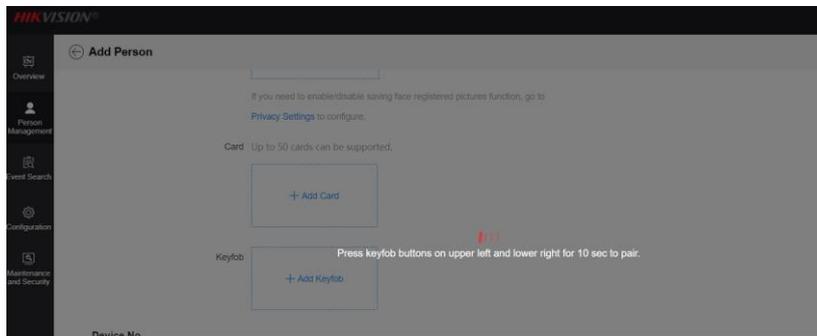
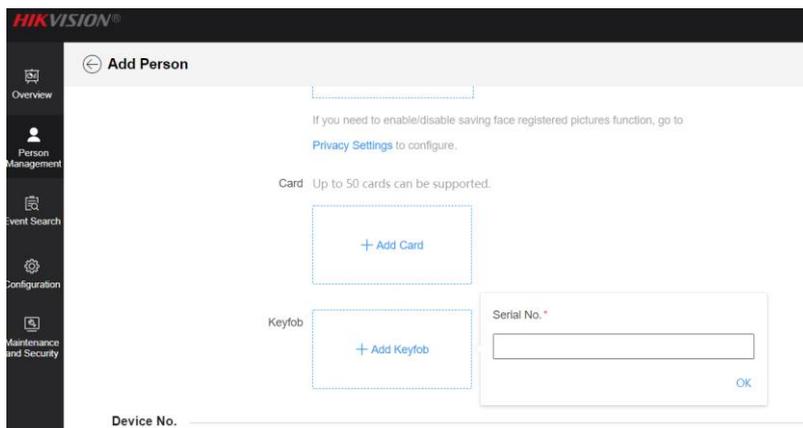
12 Support **physical call button**. Physical call button on peripheral module can work the same way as virtual call button on main screen.

13 Support QR code 2.0

- 14 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 keyfob 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



- 15 support OTAP protocol

DS-K1T673 Series MinMoe Terminal

Release Notes (2023-02-16)

<p>Device Model: DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673TDX-T</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR</p>	<p>Firmware Version</p>	<p>ARM: ACS_673_F1plus_EN_STD_V3.10.0_build230202 ACS_673_F1plus_EN_NEU_V3.10.0_build230202</p>
<p>Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for fingerprint G for SIM card, B for Bluetooth, QR for QR code</p>	<p>Software Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0-1/ iVMS: https://www.hikvision.com/en/support/download/software/ivms4200-series/</p>

Reason of Upgrade

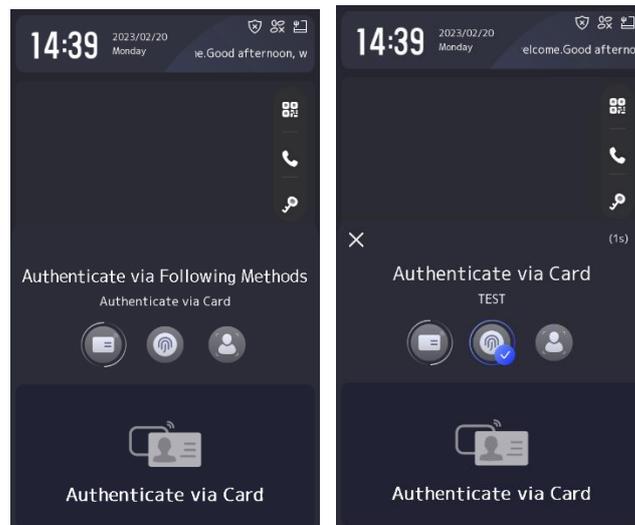
Fix bugs, enhance products quality and meet customers' requirements.

Notice

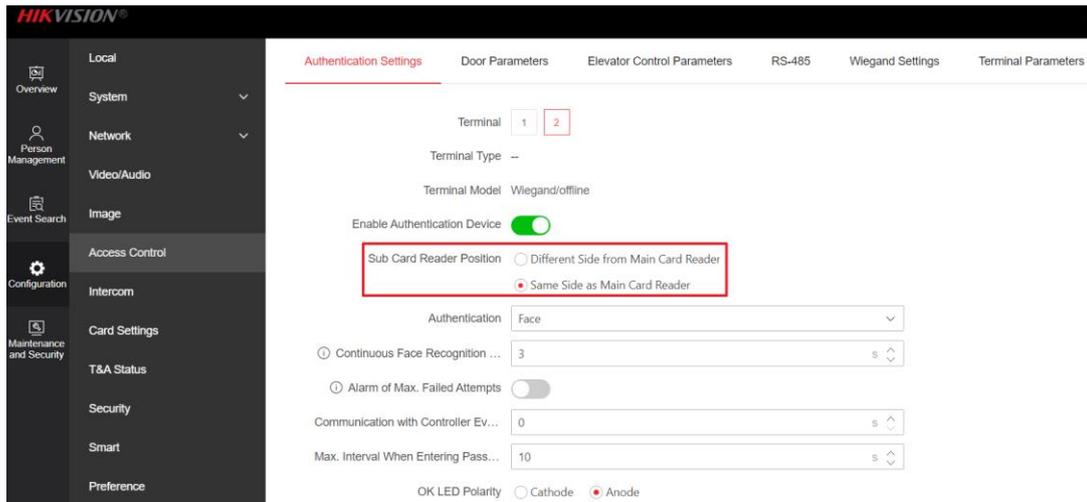
1. Version downgrade. After upgrade to this version, it cannot downgrade. If need to downgrade, please contact technical support.
2. After upgrade to this version, if device does not store face picture, you needs to apply face picture again.

New Features

- 16 Support control initial authentication type function. All selected type of authentication mode can be used for first-time authentication in combined authentication mode.

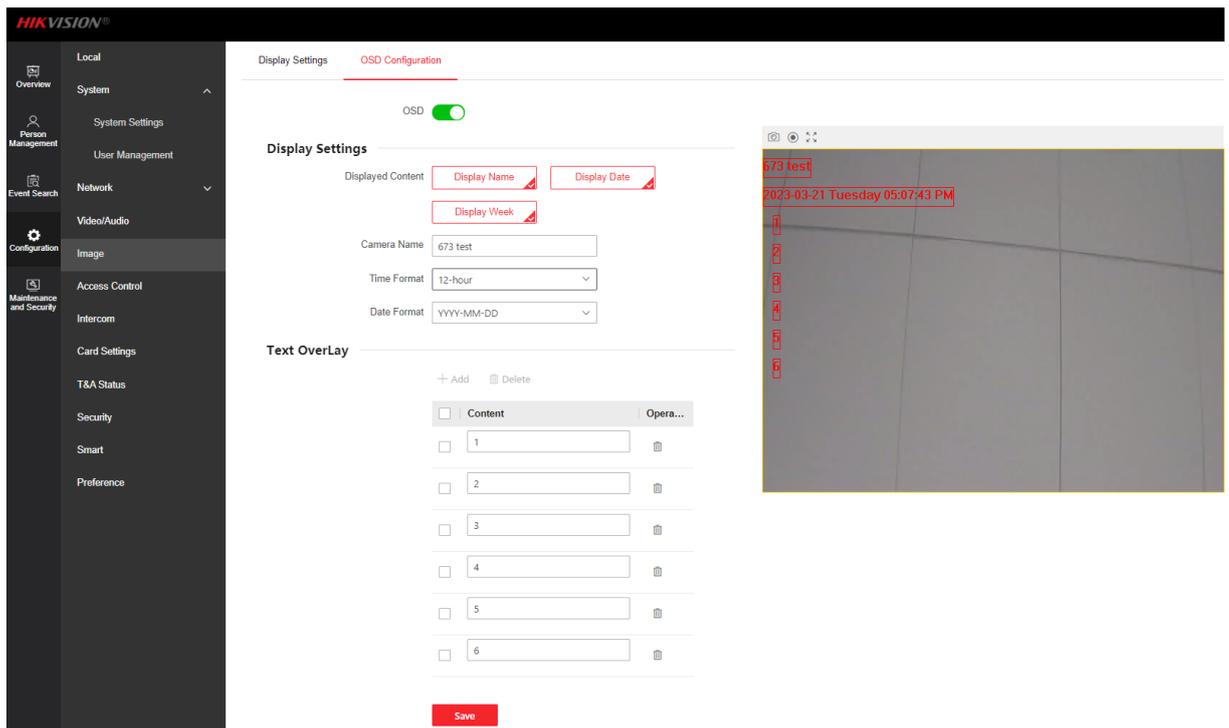


- 17 Support change sub card reader position. Sub card reader can be used in combined authentication mode if set as the same side as main card reader



18 Video

- a. Support H.265 encoding mode
- b. Support OSD function. Max.8 texts overlay can be displayed: time, camera name and Max.6 more customized texts.

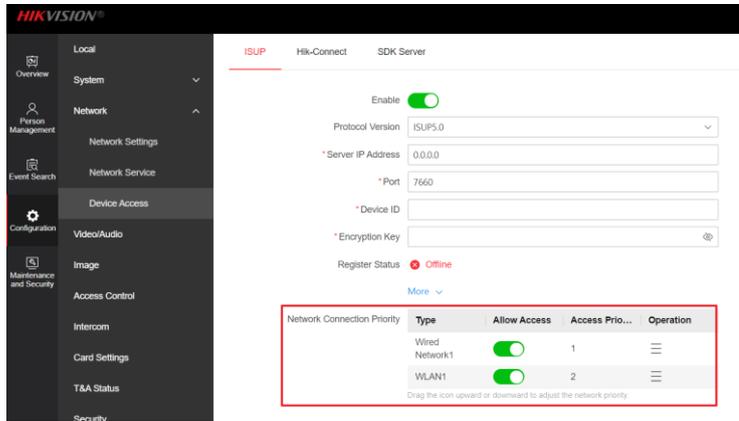


- c. Support video in advertisement mode. Up to 3 videos are supported, single size should be less than 600MB, video format should be MP4.(MP4 Format Conversion Tool provided on web page)
- d. Video or picture be displayed with full screen on device
- e. Support Hik-Connect stream encryption with AES128

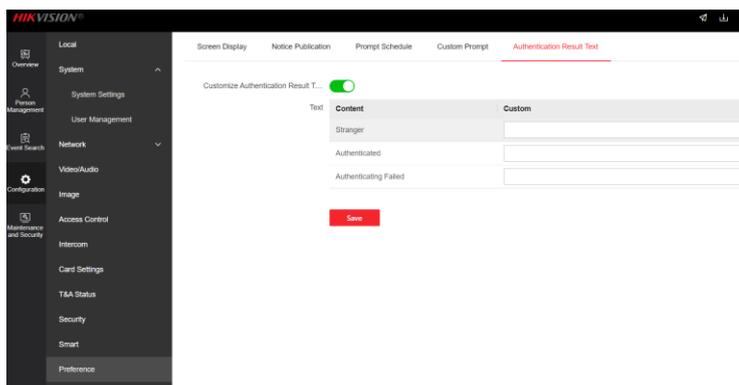
19 Audio

- a. Support multi-source audio play. For example, it can play audio of advertisement and authentication prompt at the same time. Other scenario includes advertisement & intercom.

- b. Support intercom function when connected with ISAPI, ISUP protocol
- 20 Support network connection priority setting(Wired network, WLAN) when connecting with ISUP and Hik-Connect



- 21 Support capture network packet function
- 22 Support customize authentication result text.



- 23 Support QR code scanner Q340, which is usually used in turnstile QR code module



Modified Features

- 1. Face recognition algorithm upgrade, it requires device saves registered picture before upgrading to this version.

If save registered picture function was disabled or clear registered face picture function was used before upgrade, you need to apply face picture to device with platform (HCAC/HCP/iVMS4200) or register face picture again

Privacy Settings

Authentication Result Settings

Display Authentication Result Face Picture Name Employee ID

Name De-identification

ID De-identification

Authentication Result Display Dur... s

Picture Uploading and Storage

Save Picture When Auth.

If enabled, the captured picture when authentication will be saved to the device automatically.

Upload Picture When Auth.

If enabled, the captured picture when authentication will be uploaded to the platform automatically.

Save Registered Picture

If enabled, the captured face picture when registered will be saved to the device.

Save Pictures After Linked Capture

If enabled, the captured pictures will be saved to the device automatically.

Upload Picture After Linked Capture

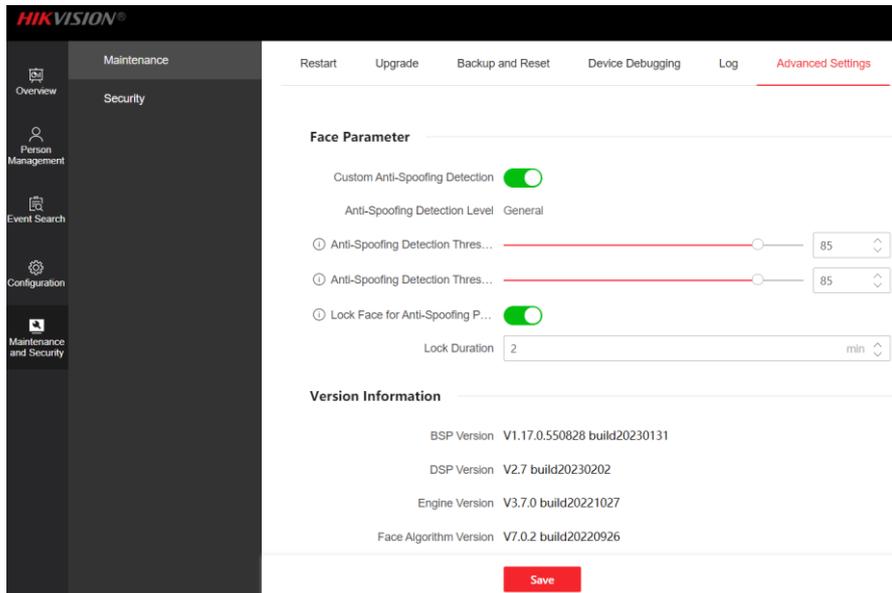
If enabled, the captured pictures will be uploaded to the platform automatically.

Clear All Pictures in Device

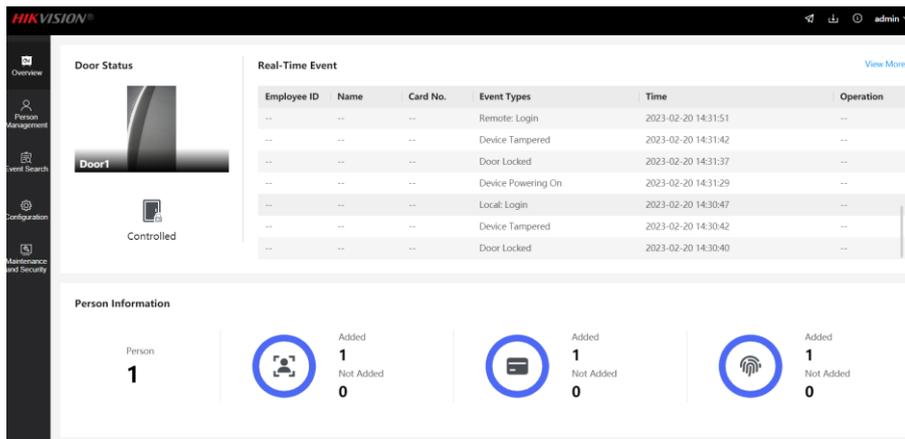
Clear Registered Face Pictures

Clear Captured Pictures

- Upgrade face anti-spoofing detection algorithm, 4 level supported: disabled, **General**, **Advanced**, **Professional**. It supports customizing anti-spoofing detection threshold in advanced settings for advanced and professional level



- Newly designed web interface UI



4. Optimize booting time, it takes less time to reboot.

DS-K1T673 Series MinMoe Terminal Release Notes (2022-09-30)

<p>Device Model: DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDX, DS-K1T673TDWX</p> <p>Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR</p> <p>Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code</p>	<p>Firmware Version</p>	<p>ARM: ACS_673_F1plus_EN_STD_V3.3.1_build220906 ACS_673_F1plus_EN_NEU_V3.3.1_build220906</p> <p>Sub module: ACS_DS-KAB673_ST1_GML_GM_V1.0.2_build20220505</p>
	<p>Software Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v1-3-0/</p> <p>iVMS: https://www.hikvision.com/en/support/download/software/ivms4200-series/</p>

Reason of Upgrade

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

Modified Features

1. Compatible with new hardware.

DS-K1T673 Series MinMoe Terminal

Release Notes (2022-06-10)

Device Model: DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDX, DS-K1T673TDWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.3.1_build220610 ACS_673_F1plus_EN_NEU_V3.3.1_build220610 Sub module: ACS_DS- KAB673_ST1_GML_GM_V1.0.2_build20220505
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

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

Modified Features

- Compatible with new 4G module.(the sim card function is reserved)

DS-K1T673 Series MinMoe Terminal

Release Notes (2022-02-14)

Device Model: DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDX, DS-K1T673TDWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.3.1_build220120 ACS_673_F1plus_EN_NEU_V3.3.1_build220120 Sub module: ACS_DS- KAB673_ST1_GML_GM_V1.0.1_build20211115
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DS-KAB673-FB, DS-KAB673-FBQR	SDK	Latest baseline version
Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

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

Modified Features

3. Optimize Wi-Fi function;
4. Fixed the problem of abnormal URL ID parsing when applying a large number of people to the device
5. Optimized the firmware upgrade mechanism

DS-K1T673 Series MinMoe Terminal Release Notes (2021-12-03)

Device Model: DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDX, DS-K1T673TDWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.3.1_build211123 ACS_673_F1plus_EN_NEU_V3.3.1_build211123 Sub module: ACS_DS-KAB673_ST1_GML_GM_V1.0.1_build20211115
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

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

Modified Features

1. Fixed some ISAPI protocol issue

DS-K1T673 Series MinMoe Terminal

Release Notes (2021-11-15)

Device Model: DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDX, DS-K1T673TDWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.3.1_build211101 ACS_673_F1plus_EN_NEU_V3.3.1_build211101 Sub module: ACS_DS-KAB673_ST1_GML_GM_V1.0.0_build20210812
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

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

Modified Features

6. Fix the defect that the face/card/password cannot be configured when the USB module is not plugged in
7. Increase the volume of device voice prompts
8. Optimize the face recognition effect.
9. Optimize protocol defects with platform

DS-K1T673 Series MinMoe Terminal

Release Notes (2021-09-27)

Device Model: DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDX, DS-K1T673TDWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.3.1_build210825 ACS_673_F1plus_EN_NEU_V3.3.1_build210825 Sub module: ACS_DS-KAB673_ST1_GML_GM_V1.0.0_build20210812

DS-KAB673-FB, DS-KAB673-FBQR	SDK	Latest baseline version
Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

New model DS-K1T673 series MinMoe terminal and USB modules are released for the first time.



New Features

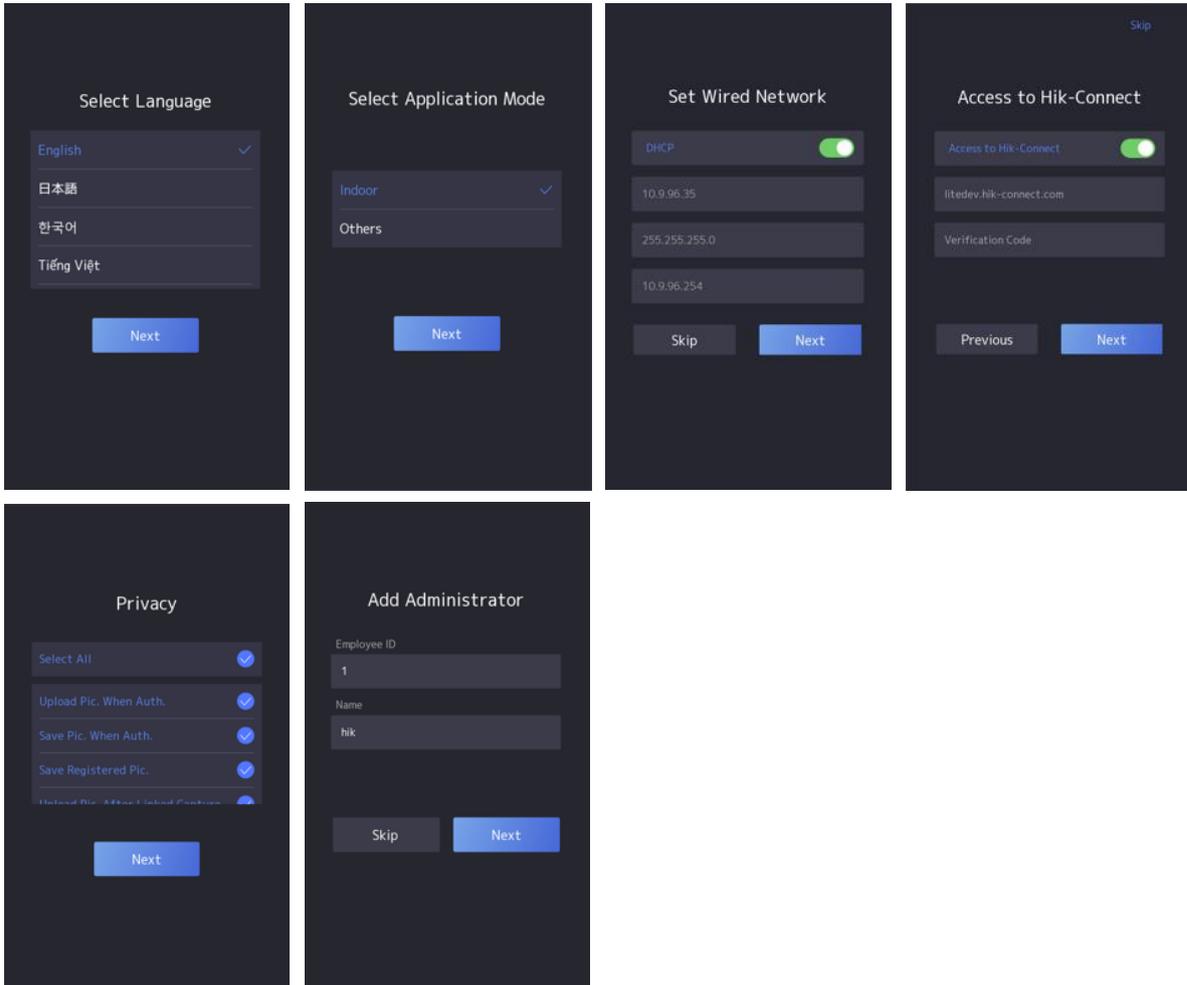
1. 7-inch LCD touch screen, 2 MP wide-angle dual-lens camera with WDR feature;
2. Connect external card reader or access controller via RS485 protocol; support Wiegand26/34 output
3. Face recognition duration < 0.2 s/User; face recognition accuracy rate ≥ 99%

4. Face, card, fingerprint, event capacity

	Face	Card	Fingerprint	Event	Wi-Fi
DS-K1T673DX	10,000	50,000	10,000 (optional)	150,000	\
DS-K1T673DWX			With module DS-KAB673-FB or DS-KAB673-FBQR		Support
DS-K1T673TDX	100,000	500,000			\
DS-K1T673TDWX					Support

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 **Hik-ProConnect** platform to realize Cloud access control and time attendance management
8. Support **ISUP 5.0** protocol to manage devices located in different locations;
9. When open device for the first time, wizard for activation and basic configuration. Including select

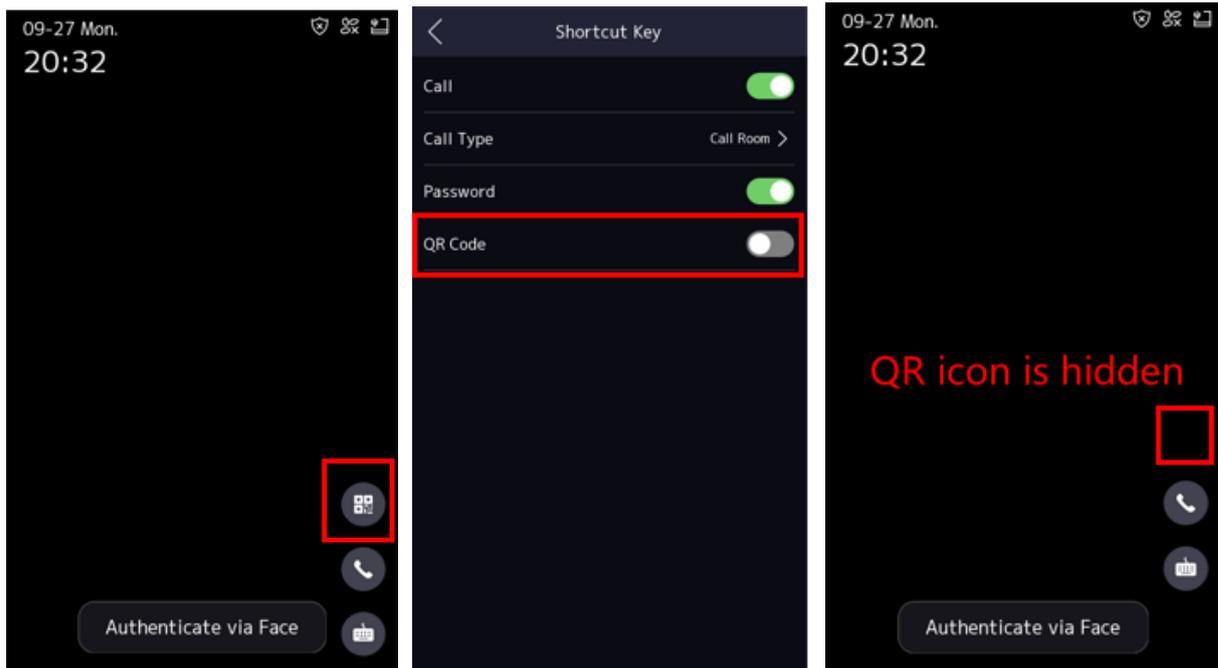
language, application mode, select and configure network, Hik-Connect, privacy settings, add administrator face and card.



10. USB modules support hot plugging, optional QR (model with -QR), fingerprint(model with -F), and Bluetooth(model with -B) function.

Note:

- a. Bluetooth function will be available in future firmware to work together with mobile APP.
- b. Supported QR Code format: QR Code, Micro QR, Code128, Code39, Codabar
- c. How to authenticate QR code:
 - 1) When The QR code icon is displayed on the standby interface: click on the icon, and then show the QR code in the front of module;
 - 2) When hiding the QR code icon on the standby interface: show the QR code icon directly.



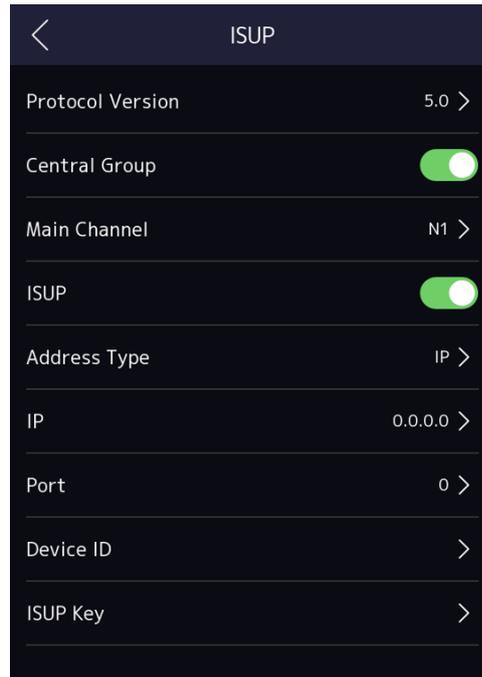
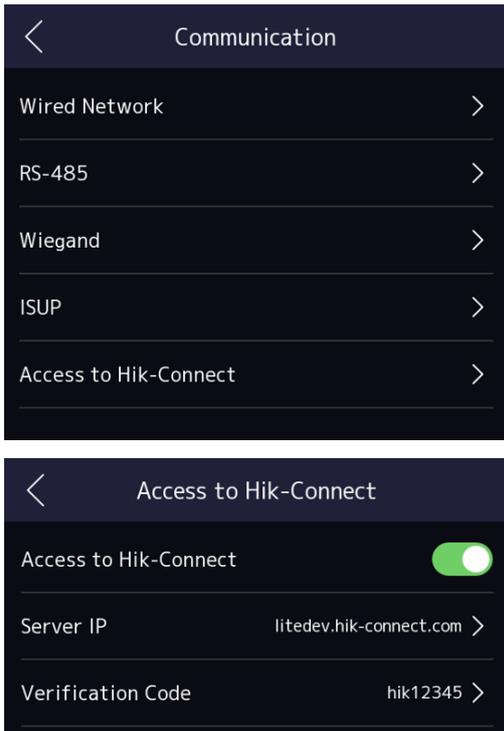
11. Support breathing light, it can be used to indicate the device position in the night
 - a. *In the standby status, the breathing light will cycle from dark to bright, and then to dark.*
 - b. *When there is an authentication event, the breathing light will stay on for a while, and then the breathing indication state will be restored*

12. Support 3.5mm standard audio output interface in the back of device.

Speakers can be connected externally, and the output sound can be played by the speakers. Supports hot plugging, which can be plugged in or unplugged at any time before and after the device is powered on. After the speaker is plugged in, the sound will be played by the speaker, and the sound will be played by the device's own amplifier when it is unplugged.

Special circumstances: When intercom function is enabled, whether or not a speaker is plugged in, the voice will be played locally by the device. (Prevent the echo interference)

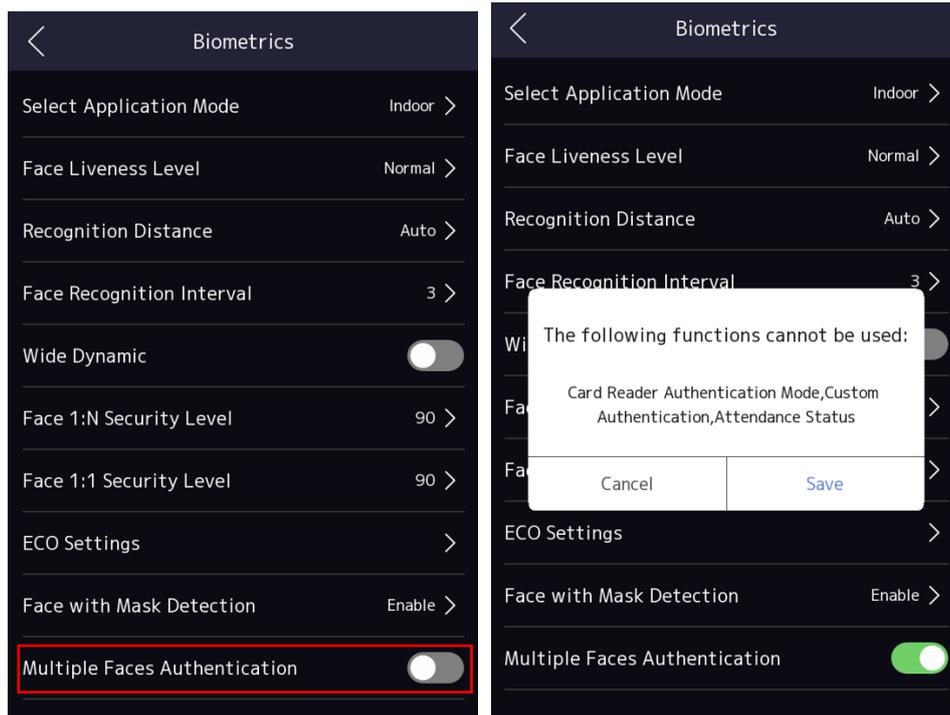
13. Self-defined shortcut key (Call Room, Call Center, Call Specified Room, Call App and Password) on main interface;
14. Configure ISUP and Hik-Connect parameter in device local menu



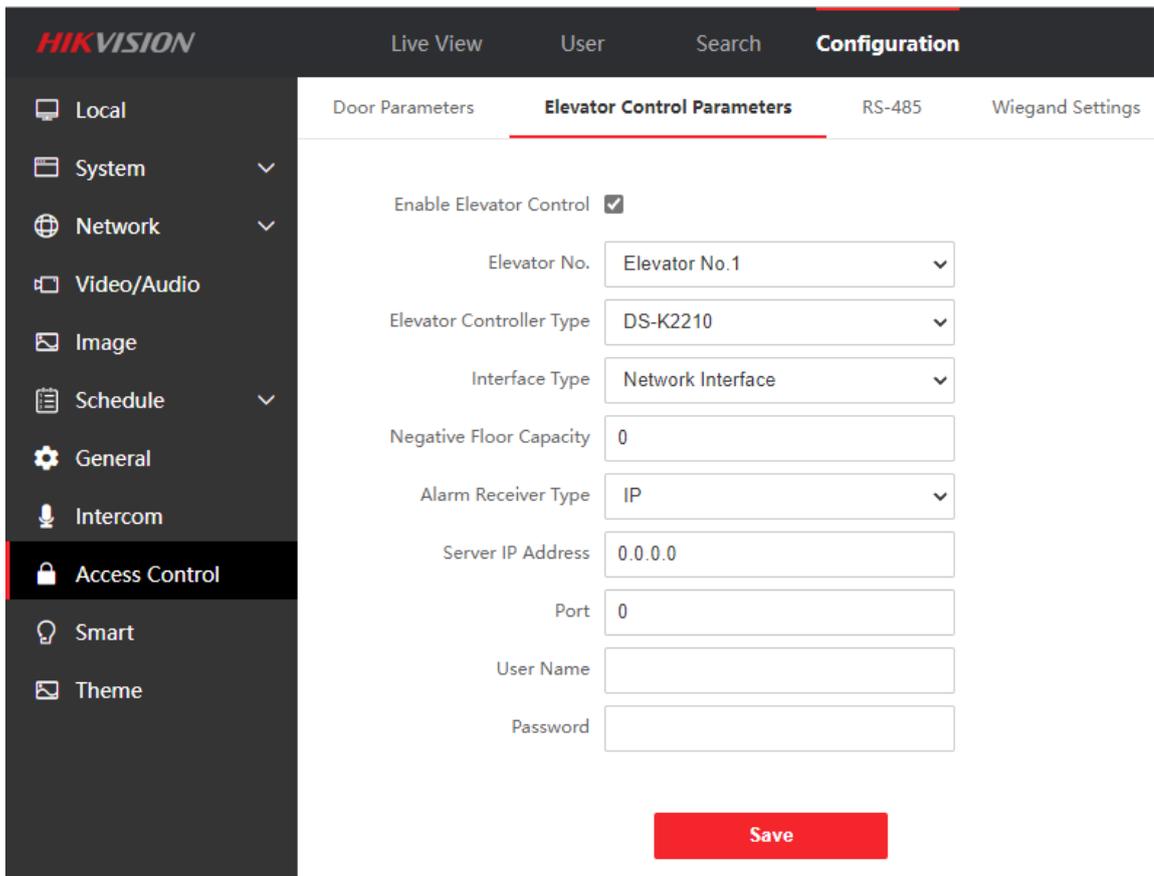
15. Login and configure device in web client via browser;



16. 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.

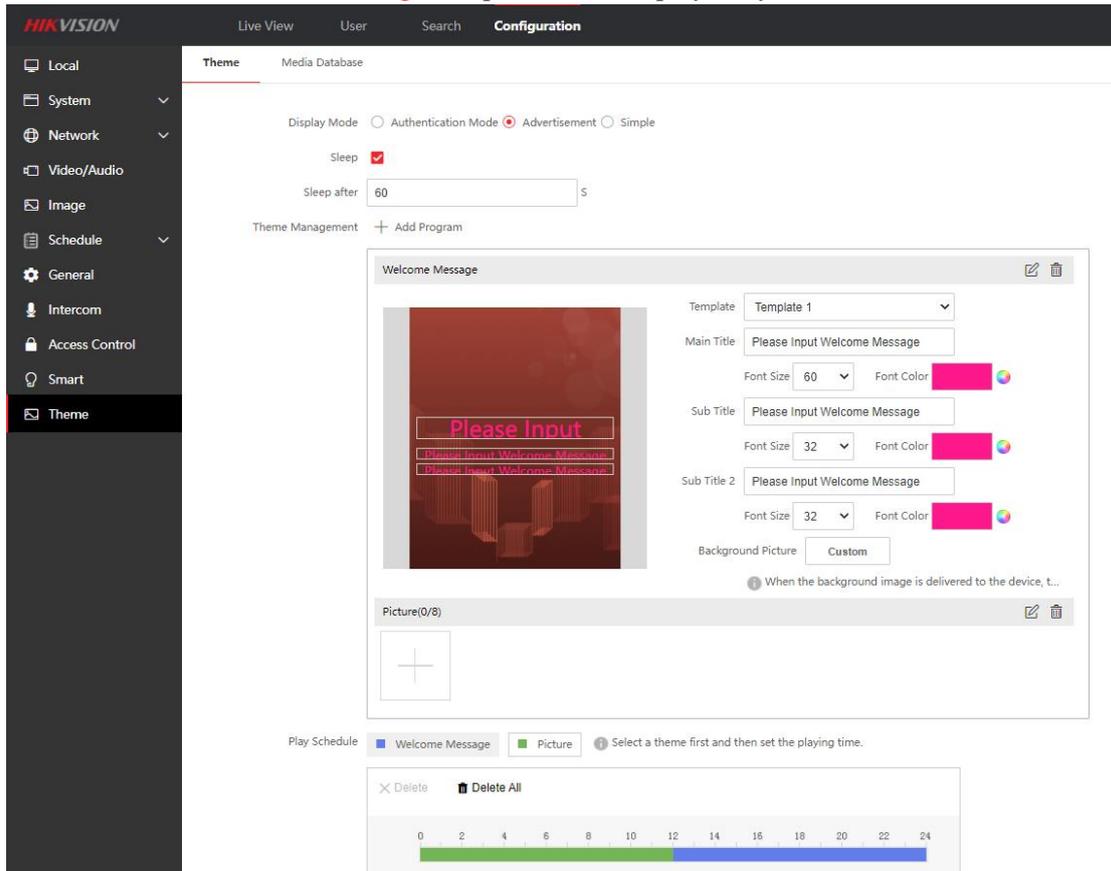


17. Support **call elevator** function.



18. Self-defined voice prompt (TTS function, English only) and screen display info (user ID, name and face picture) for authentication.

19. Self-defined **welcome message** and picture and displayed by schedule.

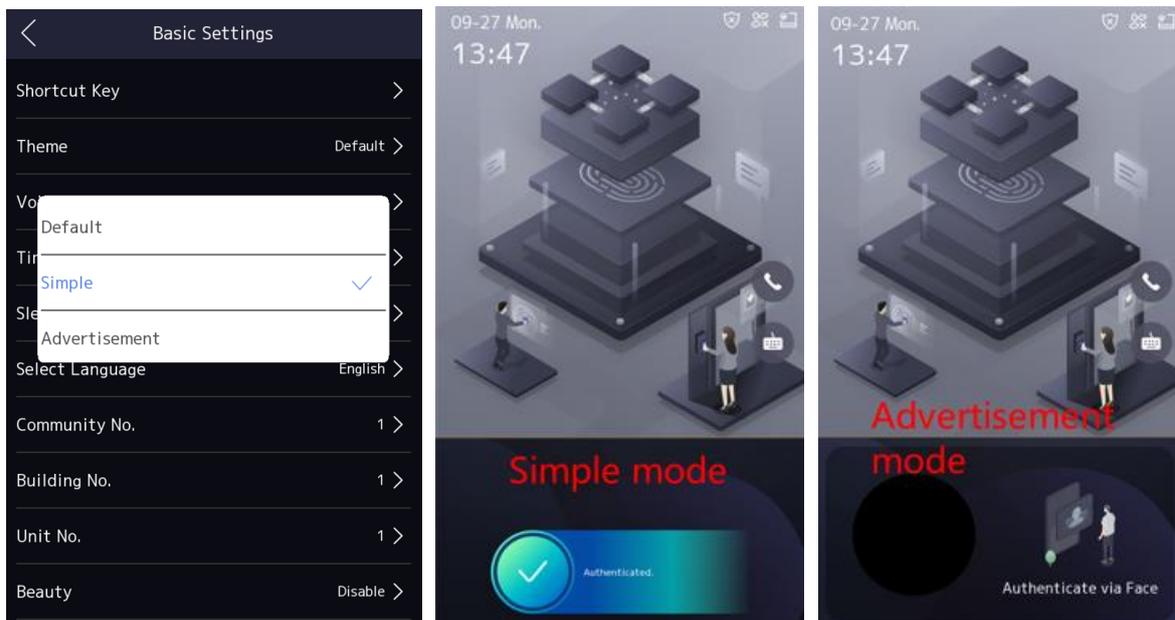


20. Support **simple mode, advertisement mode** when authenticating.

Default mode: Full screen live view when authenticating face

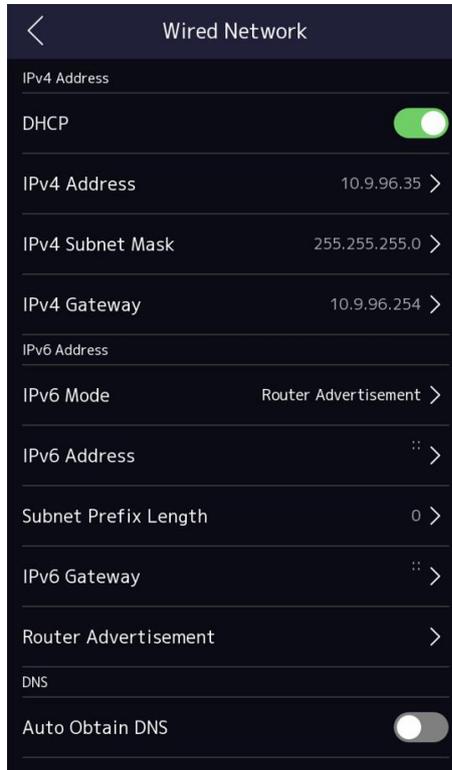
Simple mode: Display wallpaper on the top and no live view when authenticate face

Advertisement mode: The screen will display the wallpaper on the top area, and a small round circle area for live view in the bottom.



21. Network

Support TCP/IP(IPv4&IPv6), Wi-Fi (Model with -W), adapt to LAN(network) or WAN(ISUP 5.0) network environment

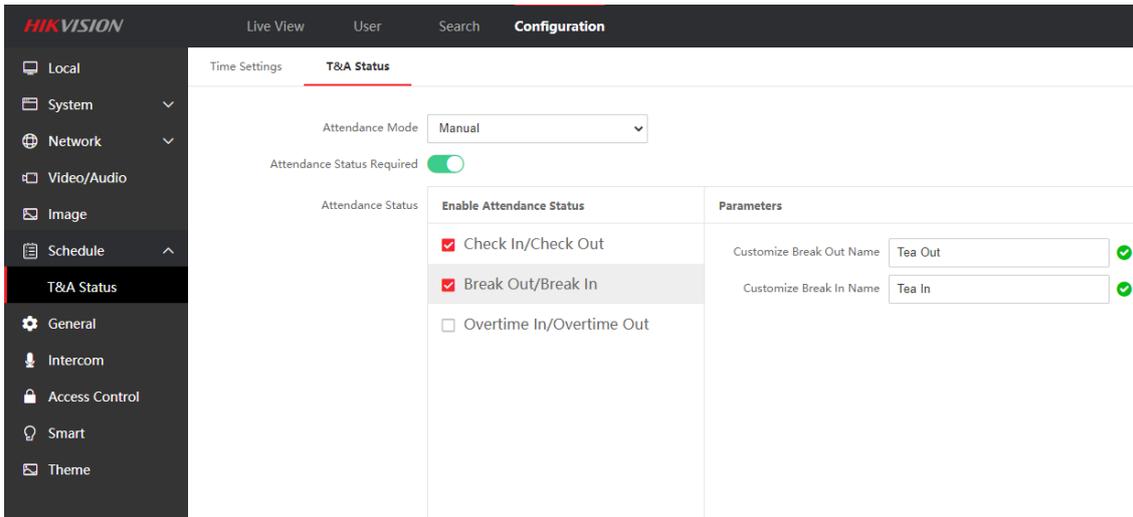


Note for IPv6:

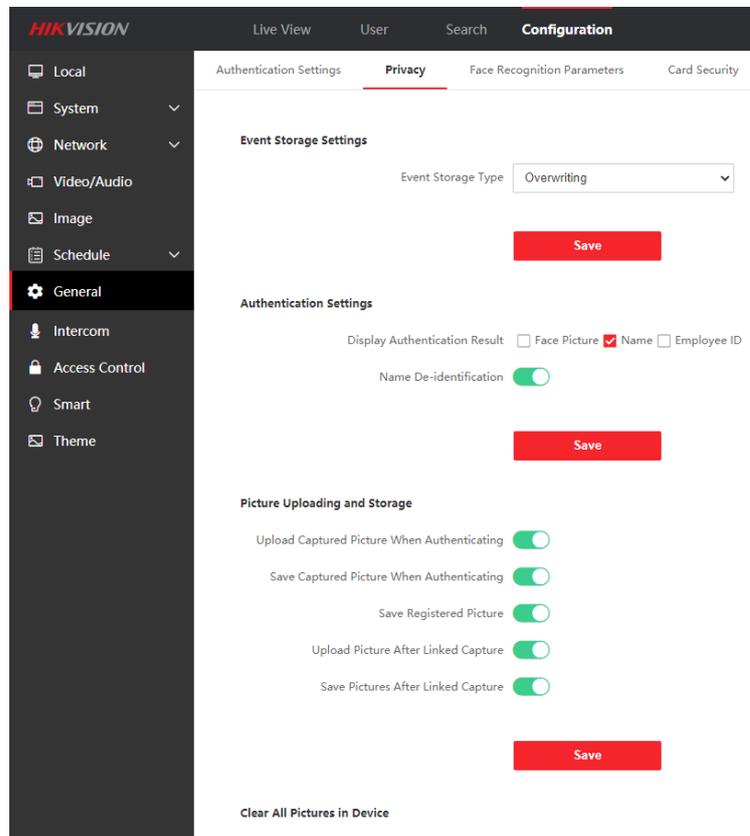
Function	Ipv4	Ipv6
HTTP/HTTPS (80/443 port)	Support	Support
SDK (8000/8443 port)	Support	Not Support
ISUP	Support	Not Support
Hik-Connect	Support	Not Support
Picture server	Support	Only support local server work as picture server, Not Support storage、KMS
Live view (RTSP)	Support	Support
NTP	Support	Support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

22. 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;
- 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 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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