

DS-K1T673 Series MinMoe Terminal

Release Notes (2025-11-28)

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 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.41.80_build251027 ACS_673_F1plus_EN_NEU_V4.41.80_build251027 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214 DS-KAB673-A ZT-MJ01.bin 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
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	Software Version	HikCentral Access Control: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/

New features

1. 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.)

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

Door Parameters Authentication Settings **Smart** Card Settings Terminal Parameters Privacy Settings

Fingerprint Security Level 5-1/10000False Acceptance Rate (FAR)

Alcohol Parameters

☒ Alcohol Detection

☐ Only Alcohol Detection

☐ Permission Authentication Before Alcohol Detection ☒ Alcohol Detection Before Permission Authentication

☐ Authentication/Detection Sequence

☐ Authentication/Detection Timeout Period 20 s

Alcohol Concentration Unit ☒ mg/100ml ☐ mg/L

☐ Alcohol Concentration Conversion Factor Settings 2200 ☒ 2100 ☐ 2000

Drinking Status Threshold 20 mg/100ml Default 20mg/100ml

Drunken Status Threshold 80 mg/100ml Default 80mg/100ml

Detection Sensitivity ☐ Low ☐ Medium ☒ High Profile

Blowing Time 0.5 s

Save

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

Door Parameters **Authentication Settings** Smart Card Settings Terminal Parameters Privacy Settings

Manually Trigger Authentication via Face ☒ If the function is enabled, person needs to tap the Authenticate button to start authentication.

Access Mode ☒ Single ☐ Continuous

Multiple People Authentication ☐

☐ Recognition Interval 3 s

☐ Authentication Interval 0 s

☐ Alarm of Max. Failed Attempts 0

Palm Print Recognition Interval 1 s

Communication with Controller 0 s Every

Tampering Detection ☒

☐ Card No. Reversing

Bluetooth Parameter Configuration

Enable Bluetooth ☐

Save

2. The timeout period of alcohol detection is configurable.

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

Door Parameters Authentication Settings **Smart** Card Settings Terminal Parameters Privacy Settings

Fingerprint Security Level 5-1/10000 False Acceptance Rate (FAR)

Alcohol Parameters

- Alcohol Detection ☒
- Only Alcohol Detection ☐
- Authentication/Detection Sequence:
 - ☒ Permission Authentication Before Alcohol Detection
 - ☐ Alcohol Detection Before Permission Authentication
- Authentication/Detection Timeout Period: 20 s (highlighted with a red box)
- Alcohol Concentration Unit: ☒ mg/100ml ☐ mg/L
- Alcohol Concentration: ☐ 2200 ☒ 2100 ☐ 2000
- Conversion Factor Settings:
 - Drinking Status Threshold: 20 mg/100ml (Default 20mg/100ml)
 - Drunken Status Threshold: 80 mg/100ml (Default 80mg/100ml)
- Detection Sensitivity: ☐ Low ☐ Medium ☒ High Profile
- Blowing Time: 0.5 s

Save

3. 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.

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

Door Parameters Authentication Settings **Smart** Card Settings Terminal Parameters Privacy Settings

Door Not Open When Alcohol is Exceeded ☒

Door Not Open Settings: ☐ Drunken ☒ Drinking

Alcohol Detection Weekly Schedule ☒

Detection Period (highlighted with a red box)

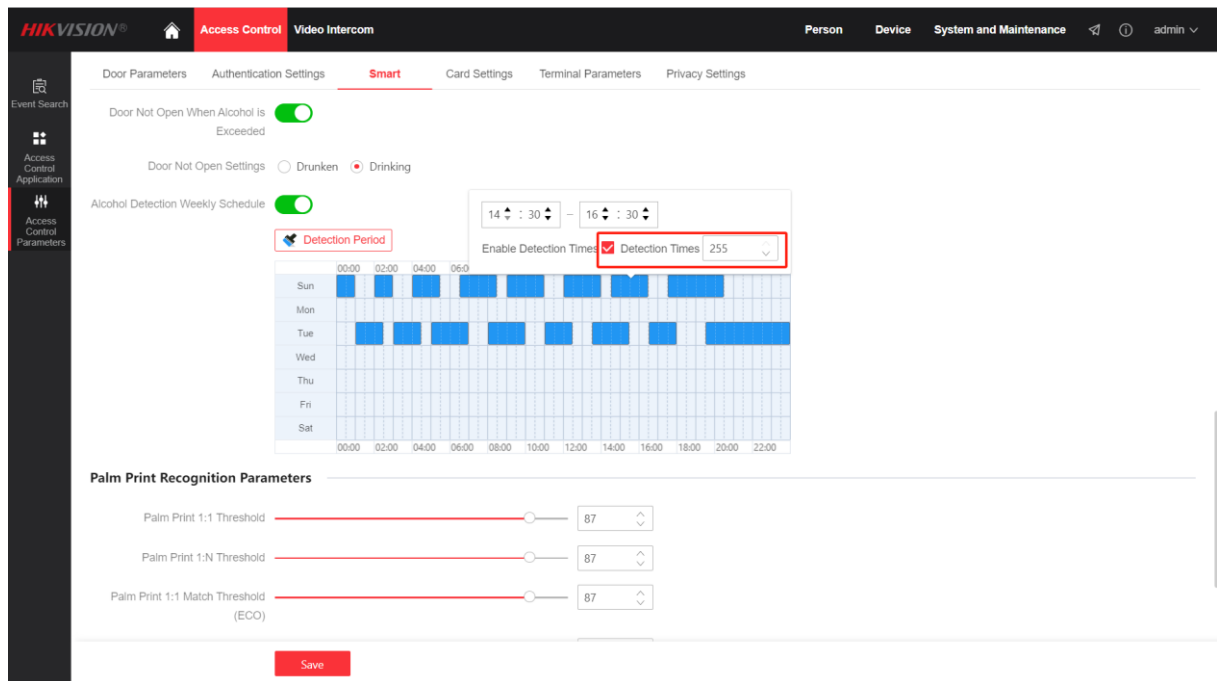
	00:00	02:00	04:00	06:00	08:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00
Sun	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Mon	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Tue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Wed	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Thu	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Fri	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Sat	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue

It supports up to 8 time periods in single day.

Palm Print Recognition Parameters

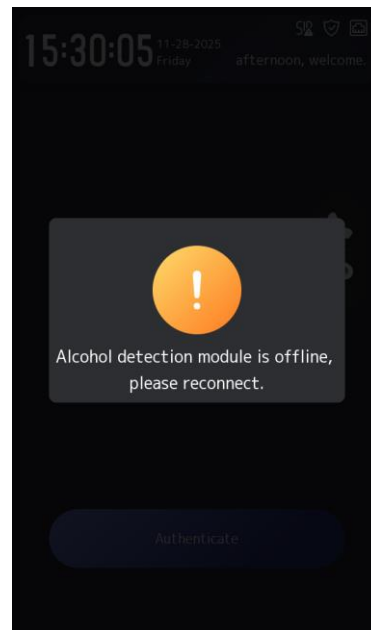
- Palm Print 1:1 Threshold: 87
- Palm Print 1:N Threshold: 87
- Palm Print 1:1 Match Threshold (ECO): 87

Save



Optimizations

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



DS-K1T673 Series MinMoe Terminal

Release Notes (2025-10-21)

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 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.41.60_build250913 ACS_673_F1plus_EN_NEU_V4.41.60_build250913 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214 DS-KAB673-A ZT-MJ01.bin 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
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	Software Version	HikCentral Access Control: 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. K1T673 is able to call corresponding floors after indoor stations release elevator buttons permission.

DS-K1T673 Series MinMoe Terminal

Release Notes (2025-08-12)

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 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 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.41.20_build250728 ACS_673_F1plus_EN_NEU_V4.41.20_build250728 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V1.0.1_build250214 DS-KAB673-A ZT-MJ01.bin 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
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/

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)

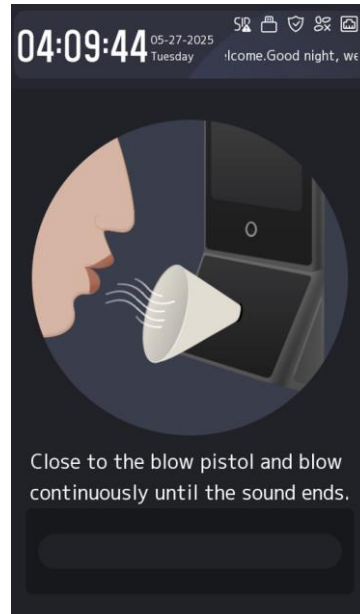
Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB, DS-KAB673-P DS-KAB673-A Naming Rule: D for Desfire, Felica and 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.41.0_build250520 ACS_673_F1plus_EN_NEU_V4.41.0_build250520 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_ V1.0.1_build250214 DS-KAB673-A ZT-MJ01.bin 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
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/

New Features

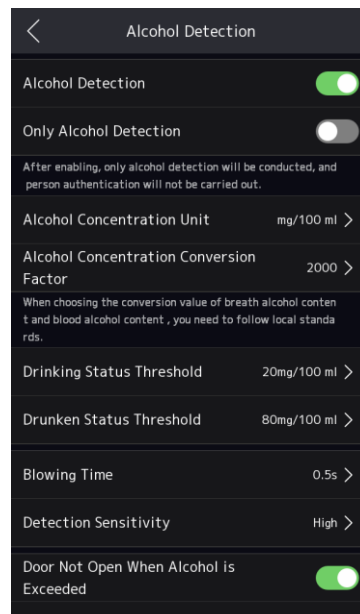
● Alcohol Testing

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

Event Storage Settings

Event Storage Type: ☐ Delete Old Events Periodically
☐ Delete Old Events by Specified Time
☒ Overwrite

Authentication Result Settings

Display Authentication Result: ☐ Face Picture ☒ Name ☐ Employee ID ☒ Alcohol Concentration

Name De-identification: ☒

Authentication Result Display Duration: 5

Picture Uploading and Storage

Save Picture When Auth.: ☒

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

Alcohol Parameters

Alcohol Detection: ☒

Only Alcohol Detection: ☒

Alcohol Concentration Unit: ☐ mg/100ml ☒ mg/L

Drinking Status Threshold: 0.096 mg/L

Drunken Status Threshold: 0.381 mg/L

Detection Sensitivity: ☐ Low ☐ Medium ☒ High Profile

Blowing Time: 0.5 s

Door Not Open When Alcohol is Exceeded: ☒

Door Not Open Settings: ☐ Drunken ☒ Drinking

Palm Print Recognition Parameters

Save

5. Add event types for alcohol detection

Event Search

Event Types: Only Alcohol Detection Events

Start Time: 2025-06-01 00:00:00

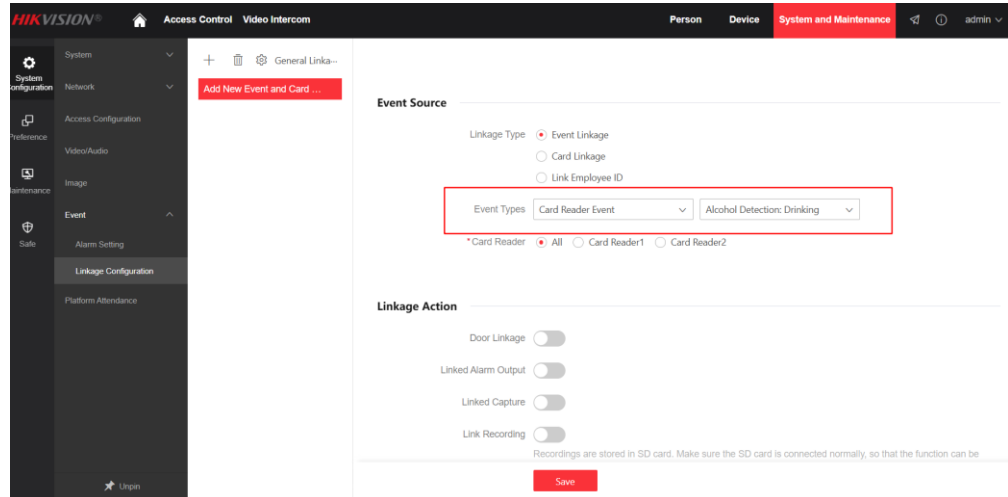
End Time: 2025-06-10 23:59:59

Yesterday Today Current Week Current Month

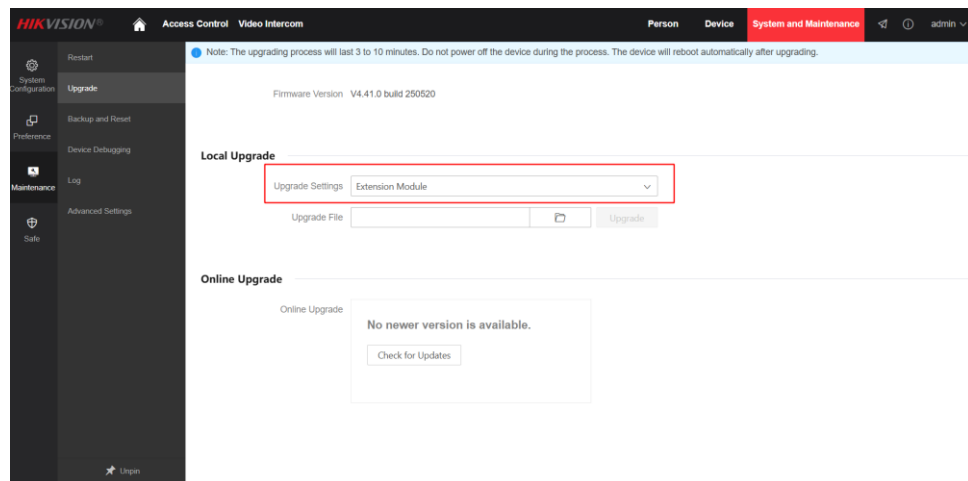
Search

No.	Time	Unit	Alcohol Concentration	Status	Operation
1	06-05-2025 15:43:20	mg/L	0.332	Drinking	--
2	06-05-2025 15:42:50	mg/L	0	Normal	--
3	06-05-2025 15:42:43	mg/L	0	Normal	--
4	06-05-2025 15:42:36	mg/L	0.332	Drinking	--
5	06-05-2025 11:53:29	mg/L	0.378	Drinking	--
6	06-05-2025 11:53:22	mg/L	0.353	Drinking	--
7	06-05-2025 11:53:13	mg/L	0.244	Drinking	--
8	06-05-2025 11:53:04	mg/L	0.338	Drinking	--
9	06-05-2025 11:50:08	mg/L	0.293	Drinking	--
10	06-04-2025 04:47:10	mg/L	0	Normal	--
11	06-04-2025 04:47:00	mg/L	0.285	Drinking	--
12	06-04-2025 04:21:06	mg/L	0	Normal	--

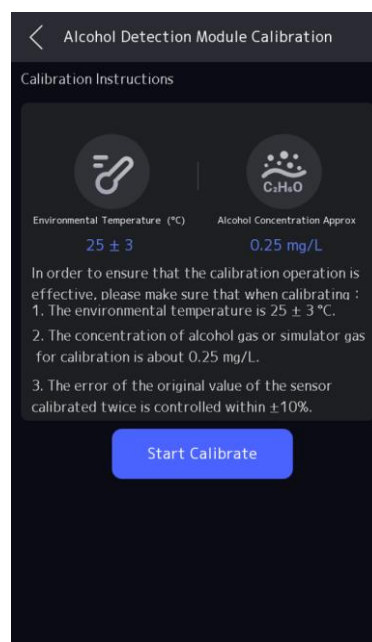
6. Add event linkage functions related to alcohol detection



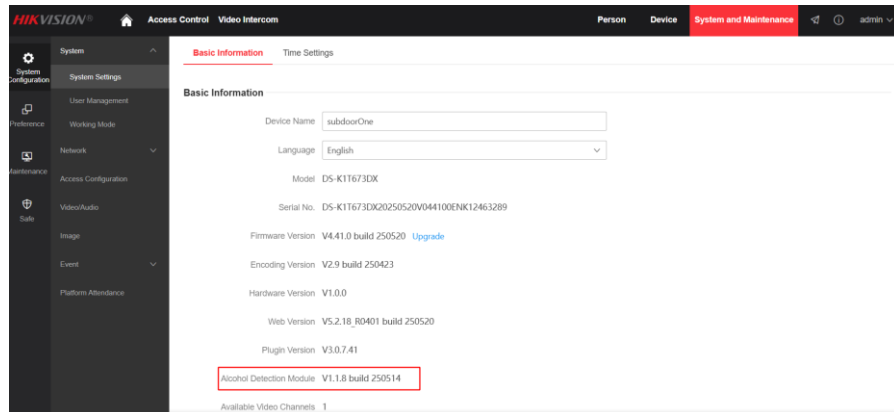
7. Support Web-based firmware upgrade for alcohol sensor



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)

Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, 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 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.39.20_build250304 ACS_673_F1plus_EN_NEU_V4.39.20_build250304 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR 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
	Software 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-K1T673 Series MinMoe Terminal

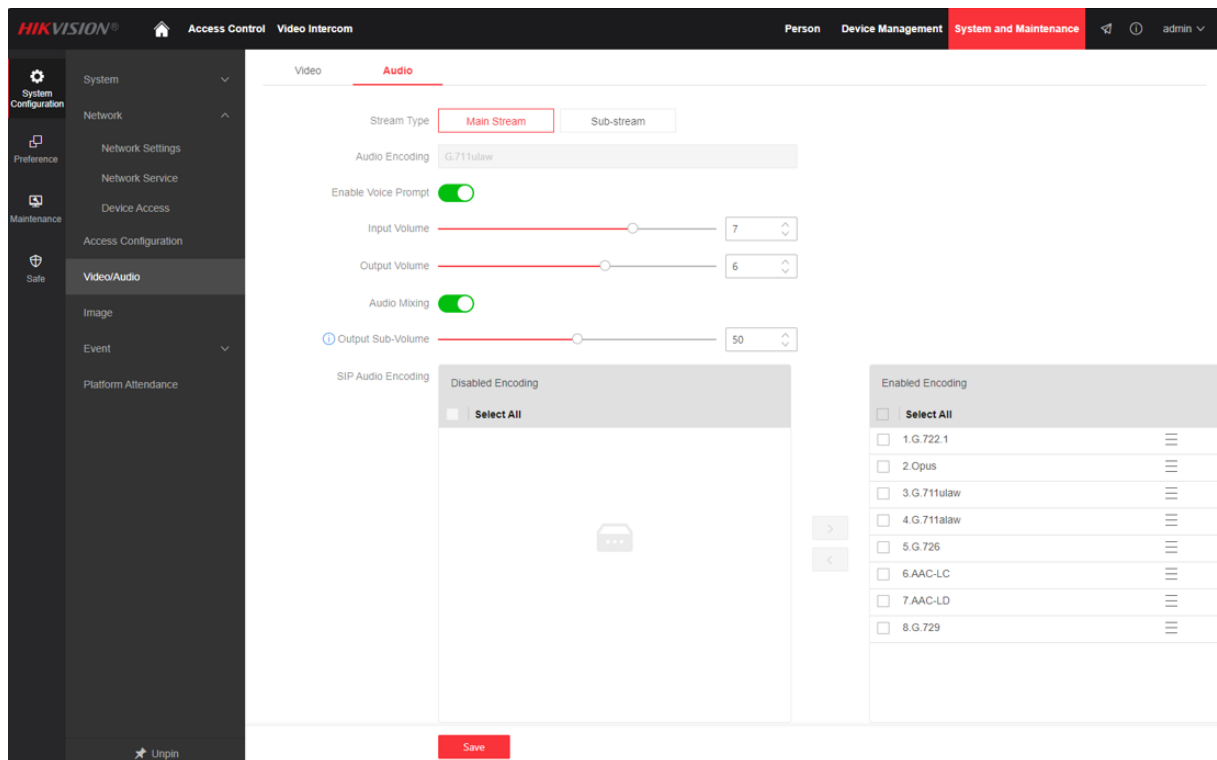
Release Notes (2025-02-10)

Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, 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 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.39.0_build250109 ACS_673_F1plus_EN_NEU_V4.39.0_build250109 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR 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
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/

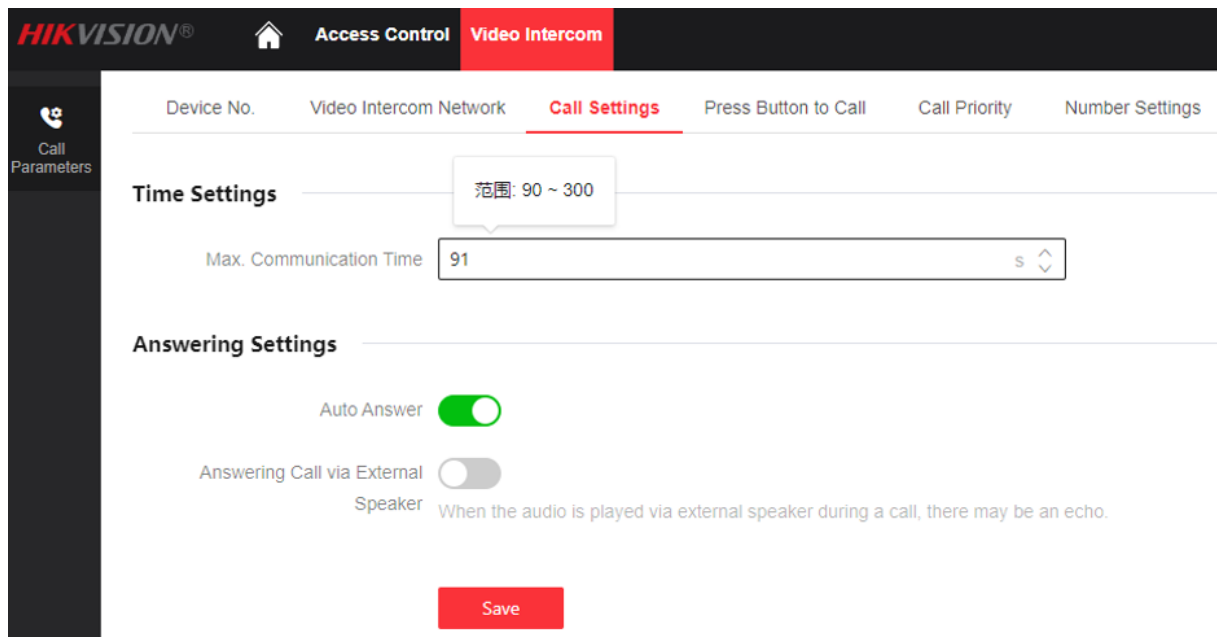
New Features

● 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



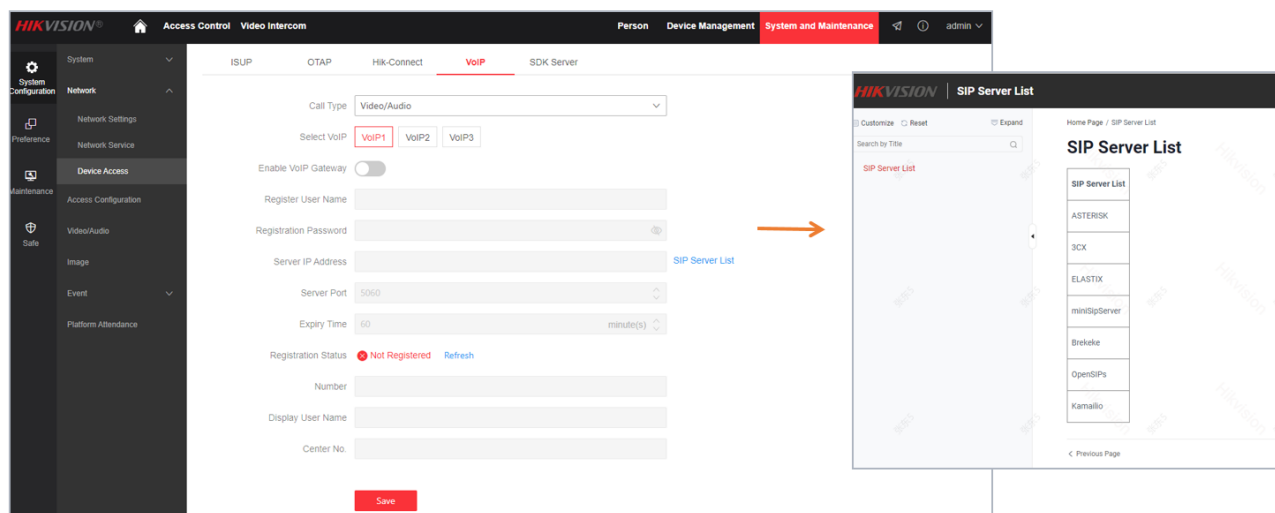
5. Modify the maximum call duration for intercom from 180 to 300



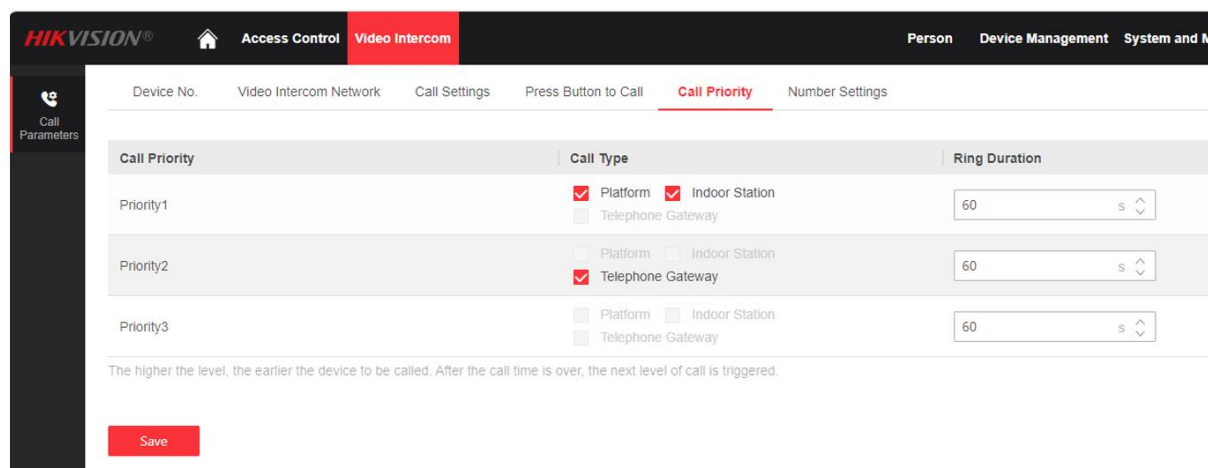
6. Support configuration of up to 3 VoIP servers

SIP Server List:

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



7. Support configuration of SIP call mode



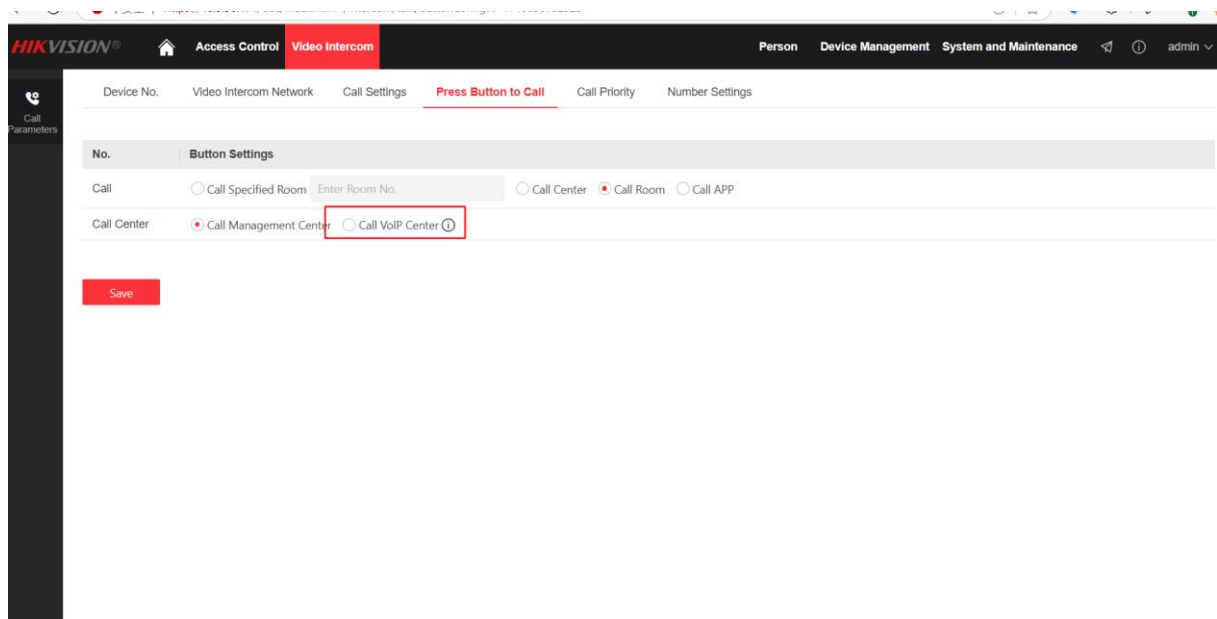
8. Support returning to the home page during a call on the screen

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

10. Support automatic dialing from the dialing interface

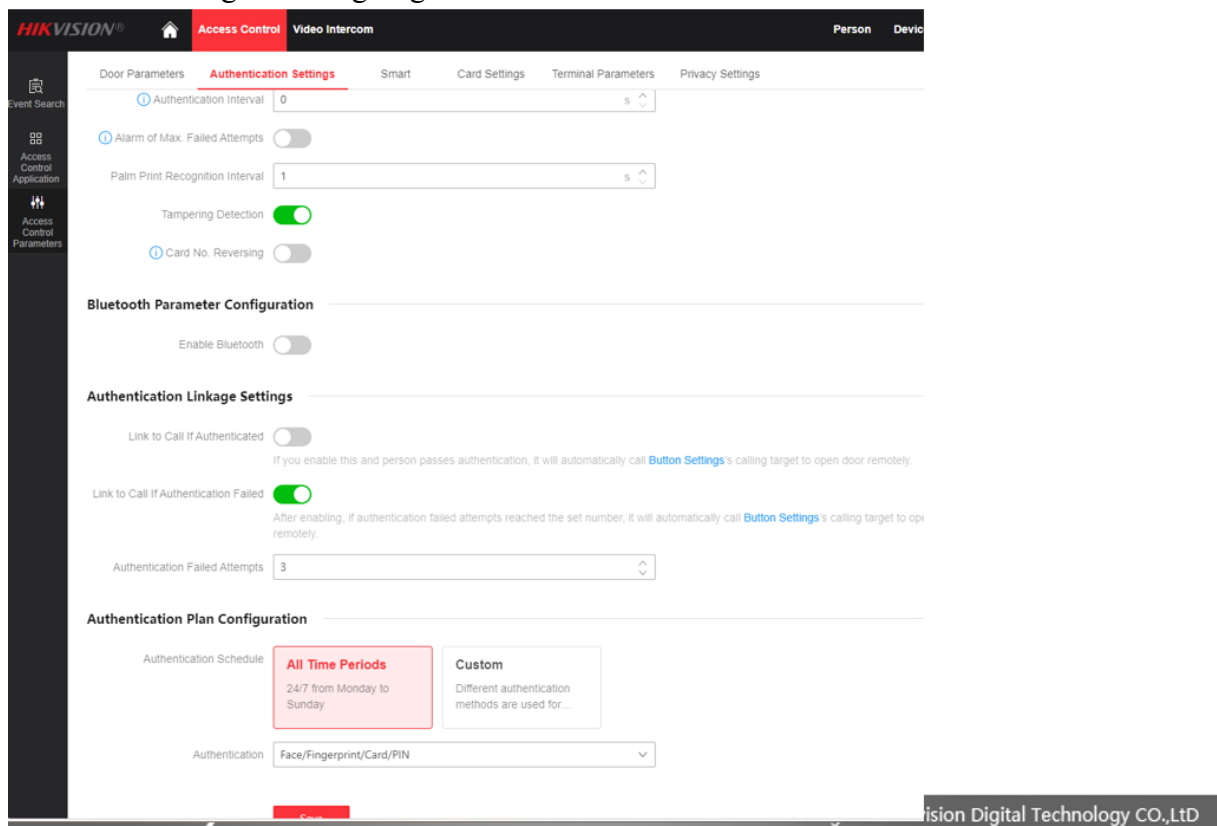
11. Support one-click call to the VoIP center

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



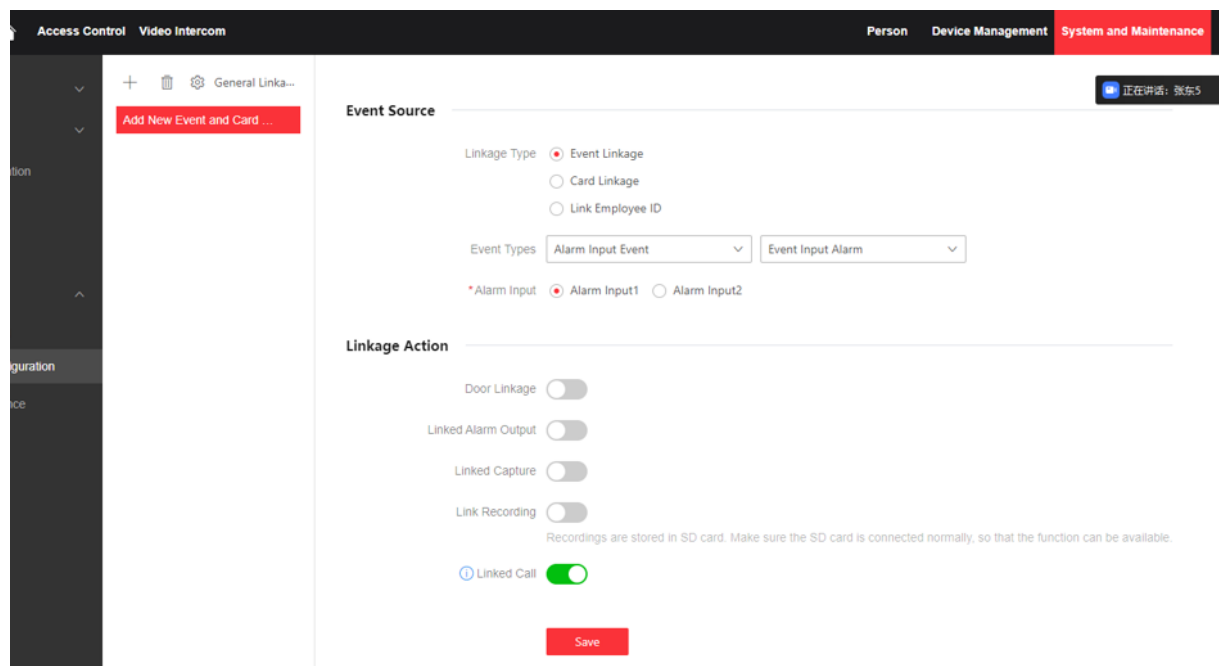
12. Support linkage calls for authentication failure

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.



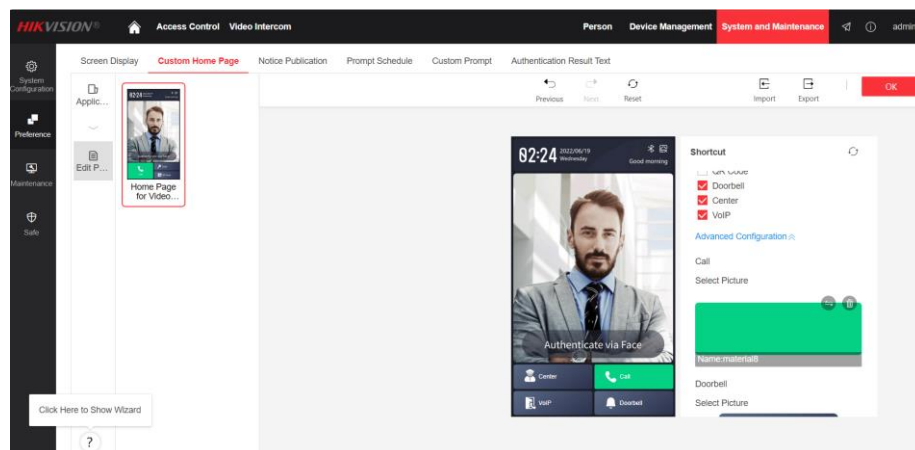
14. The main screen and extension module supports one-click call to the VoIP center

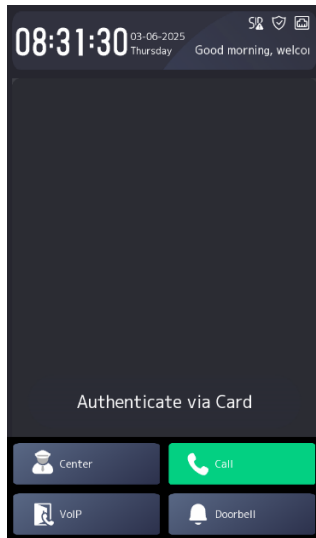
Remark: DS-KAB673-WEQR and DS-KAB673-WBQR can be connect by 673 USB-typeC. VoIP can be called when you push the calling button on DS-KAB673-WEQR or DS-KAB673-WBQR.

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.

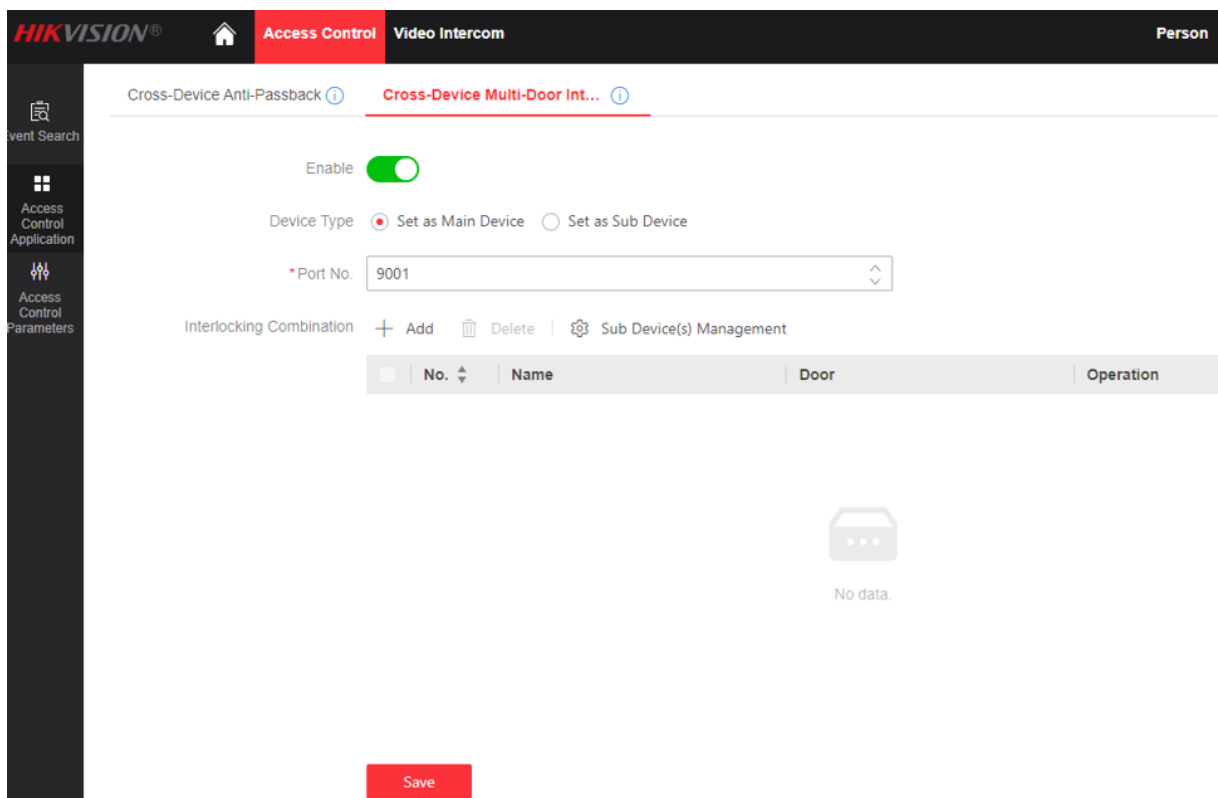




● Access control

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.



The screenshot shows the 'Access Control' section of the Hikvision web interface. The 'Cross-Device Multi-Door Int...' tab is selected. The configuration options include:

- Enable: ☐ Disable ☐ Set as Main Device ☒ Set as Sub Device
- * Main Device IP Address: 10.6.122.142
- * Main Device Port No.: 9001
- 主设备密码 (Main Device Password): [Empty field]
- Register Code: [Empty field]
- Registration Status: Online [Refresh](#)
- Door: ☒ Select All ☒ Door1 ☐ Door2
- [Save](#)

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

Remark: form 0 to 255 seconds.

The screenshot shows the 'System and Maintenance' section of the Hikvision web interface. The 'Secure Door Control Unit' tab is selected. The configuration options include:

- Select Door: ☒ Access Point 1 ☐ Access Point 2
- Secure Door Control Unit Status: Offline [Refresh](#)
- Device is not configured with secure door control unit connected to RS-485. Click [RS-485](#) to configure.
- If the secure door control unit connected to RS-485 has been configured, check RS-485 connection or the status of secure door control unit.
- Two-Door Interlocking: ☒ 范围: 0 ~ 255
- Extended Open Duration: [Empty field]
- [Save](#)

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.

Cross-Device Anti-Passback ① Cross-Device Multi-Door Interl... ①

Enable ☒

* Main Device IP Address

* Main Device Port No.

Main Device Password

* Register Code

Registration Status Online [Refresh](#)

① Card Reader ☒ Select All ☒ Card Reader1 ☒ Card Reader2

Passing Detection

Anti-Passback Rule ☒ By Authentication Status ☐ By Passing Status

[Save](#)

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

Area Antiback Route Antiback

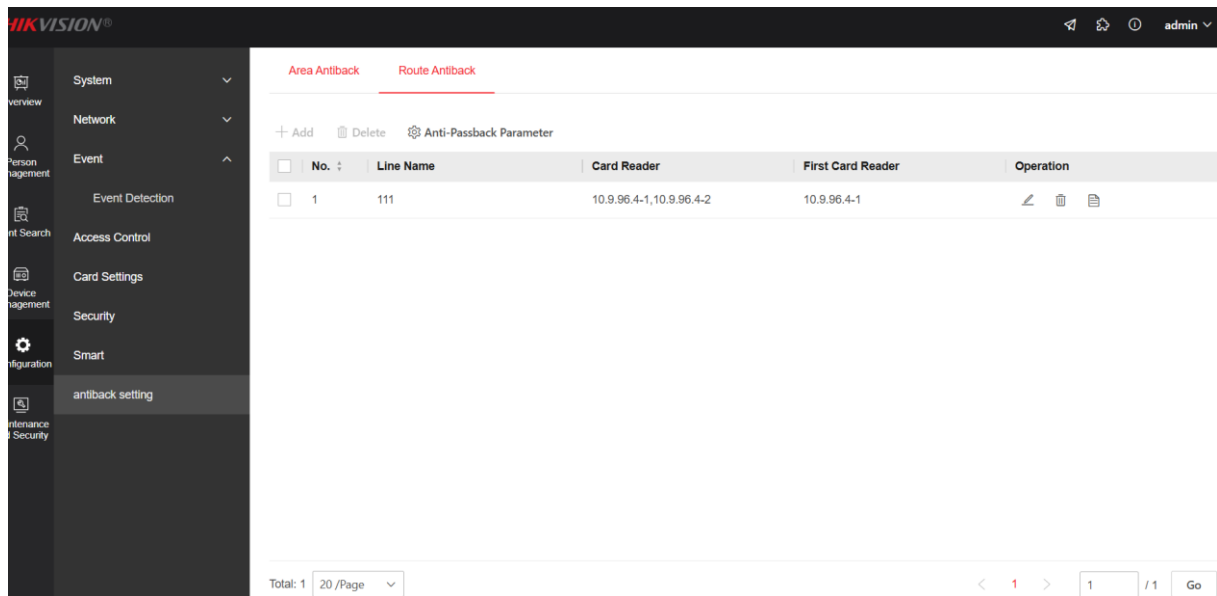
[+ Add](#) [Delete](#)

No. ↓	Name	Clear the antiback setting	Operation
1	111	00:00:00	Edit Delete

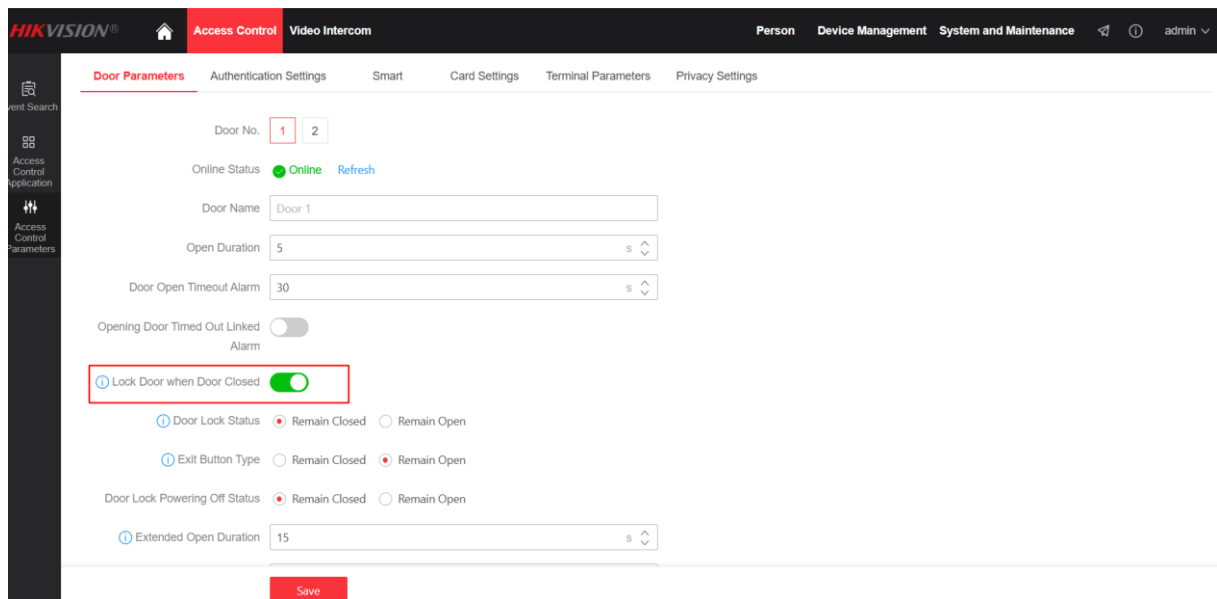
[Access card reader](#) [Outdoor card reader](#)

Card Reader ID	Name of minmou device belonging to
1	10.9.96.4

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

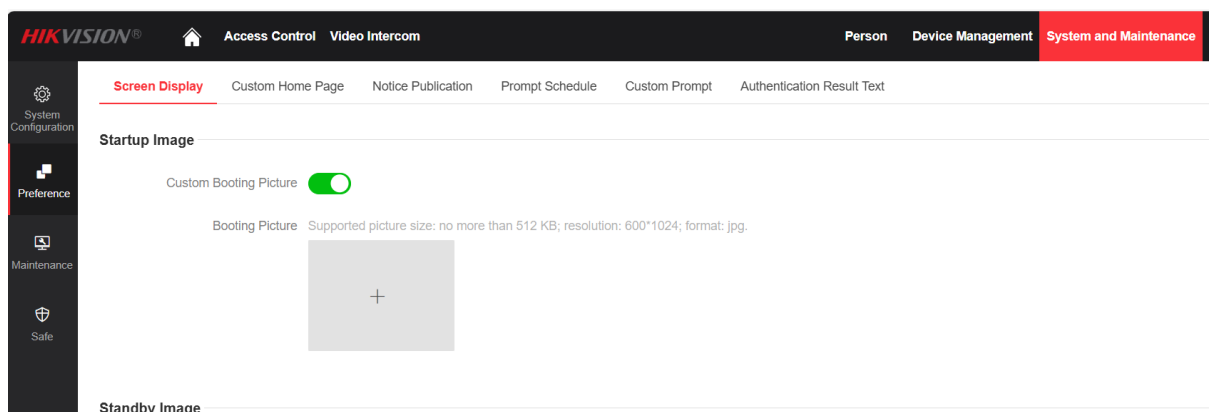


4. Support locking door when door close

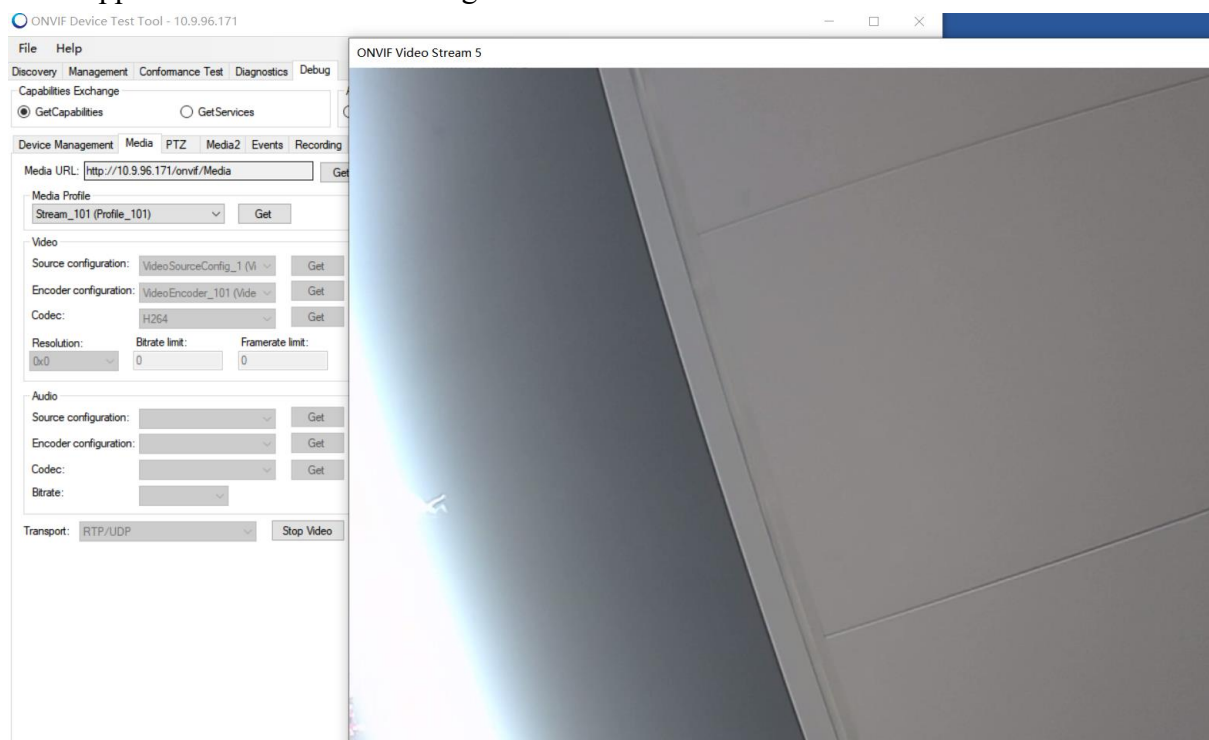


● Others

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.

HIKVISION Access Control Video Intercom Person

System Configuration

- System
- Network
- Network Settings
- Network Service
- Device Access
- Access Configuration
- Video/Audio**
- Image
- Event
- Platform Attendance

Video Audio

Camera Name: FT7003903

Stream Type: ☐ Main Stream ☒ Sub-stream

Video Type: ☐ Video Stream ☒ Video&Audio

Resolution: 320*240

Bit Rate Type: 1280*720, 640*480

Video Quality: 320*240

Frame Rate: 25 fps

*Max. Bitrate: 1024 Kbps

Video Encoding: H.264

*I Frame Interval: 50

Save

5. Support custom call background images

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

Screen Display Custom Home Page Notice Publication Prompt Schedule Custom Prompt Authentication Result Text

Sleep after: 60 s

Display Duration: 5 s

Show Preview when Face Auth. Failed: ☒

Shortcut Key Settings

Call Background

Custom Call Background: ☒

Background Picture: The picture format should be GIF, the size should be less than 256KB, and the resolution should not be larger than 400*682 and smaller than 1*1.

+

Save

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.

HIKVISION Access Control Video Intercom

Door Parameters Authentication Settings Smart Card Settings **Terminal Parameters** Privacy Settings

Remote Verification

① Remote Verification ☒

① *Verifying Person Type ☒ Normal User ☒ Visitor ☒ Unadded Person

Remotely

Verify Credential Locally ☐

*Timeout Duration of Remote Verification 5 s

① Offline Remote Verifying Unlocking ☐

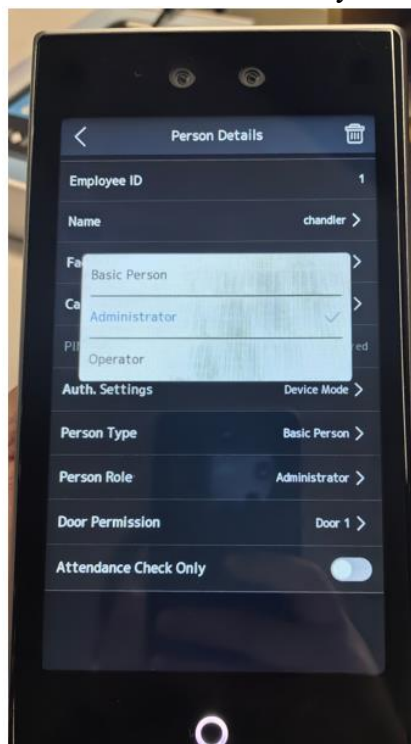
Result Return Mode ☐ Asynchronous ☒ Sync

Save

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.



HIKVISION Access Control Video Intercom

Add Person

Basic Information

*Employee ID

Name

Gender ☒ Male ☐ Female ☐ Unknown

Person Type ☒ Normal User ☐ Visitor ☐ BI Having permission to manage the person.

Person Role ☒ Basic Person ☐ Administrator ☐ Operator

Long-Term Effective User ☐

Validity Period 01-18-2025 00:00:00 - 01-18-2035 23:59:59

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

Certificate Configuration

Face No larger than 200 KB. JPG, JPEG, PNG allowed.

+ Add from Device

+ Upload

If you need to enable/disable saving face registered pictures function, go to [Privacy Settings](#) to configure.

Cards (0/50) The collection mode is Card Reader.

Add Save and Continue Cancel

9. Support alarm prompt for door opening timeout

10. Support for connecting to one OSDP card reader

RS-485 Wiegand Settings Elevator Control Parameters Secure Door Control Unit

RS-485 Protocol: Private

Serial Port Parameter

Private

OSDP

Enable: ☒

Peripheral Type: Card Reader

RS-485 Address: 1

Baud Rate: 19200

Data Bit: 8

Stop Bit: 1

Parity: None

Flow Control: None

Communication Mode: Half-Duplex

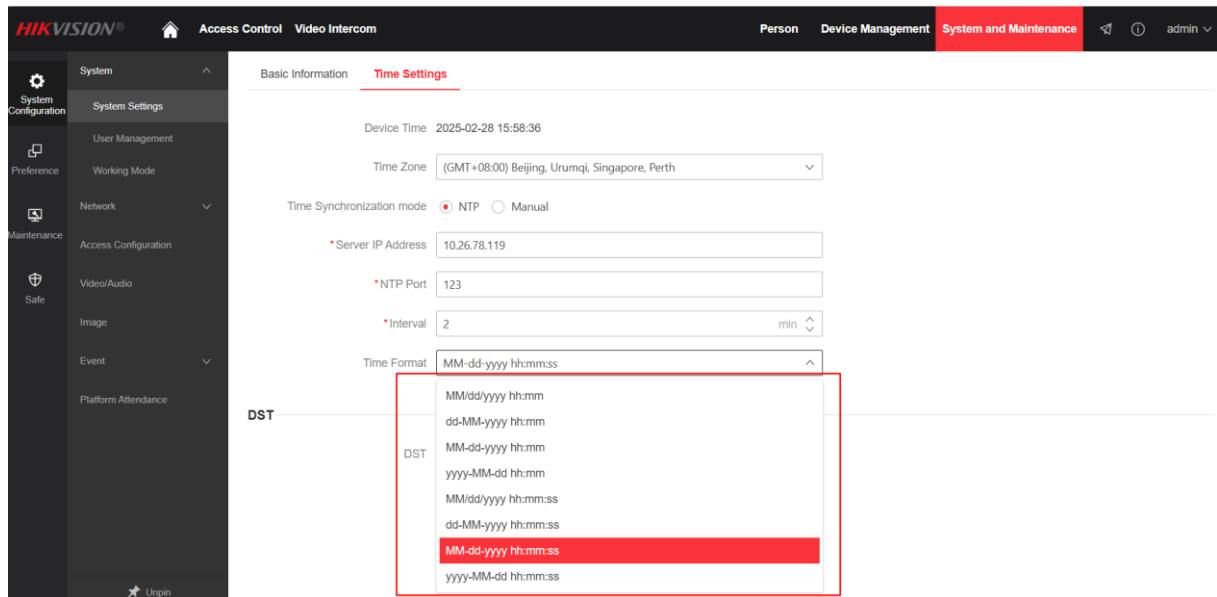
Save

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

Screen Display Custom Home Page Notice Publication Prompt Schedule **Custom Prompt** Authentication Result Text

Custom Type	Importing Status	Operation	Enable
Call Center	Not Imported		☒
The Line Is Busy	Not Imported		☒
Nobody Answered	Not Imported		☒
Please call.	Not Imported		☒
Thanks	Not Imported		☒
Authenticating Failed	Not Imported		☒
The Door Is Open	Not Imported		☒
Time Out. Door not closed.	Not Imported		☒
Please Wear the Safety Helmet	Not Imported		☒
Please Wear the Mask	Not Imported		☒

13. Support configuration of device time display format



HIKVISION Access Control Video Intercom Person Device Management 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**

Device Time: 2025-02-28 15:58:36

Time Zone: (GMT+08:00) Beijing, Urumqi, Singapore, Perth

Time Synchronization mode: ☒ NTP ☐ Manual

*Server IP Address: 10.26.78.119

*NTP Port: 123

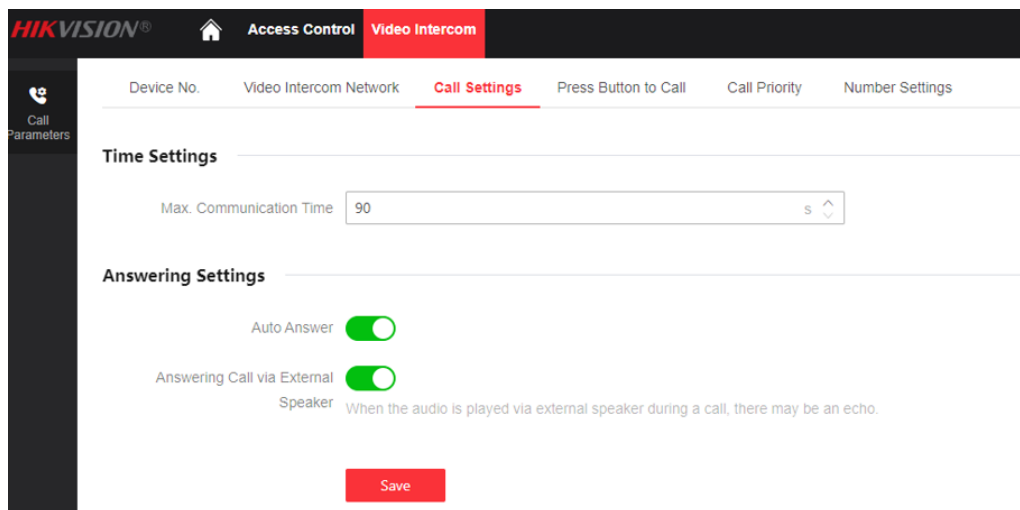
*Interval: 2 min

Time Format: MM-dd-yyyy hh:mm:ss

DST

MM/dd/yyyy hh:mm
dd-MM-yyyy hh:mm
MM-dd-yyyy hh:mm
yyyy-MM-dd hh:mm
MM/dd/yyyy hh:mm:ss
dd-MM-yyyy hh:mm:ss
MM-dd-yyyy hh:mm:ss
yyyy-MM-dd hh:mm:ss

14. Support external speaker intercom



HIKVISION Access Control Video Intercom

Call Parameters

Device No. Video Intercom Network **Call Settings** Press Button to Call Call Priority Number Settings

Time Settings

Max. Communication Time: 90 s

Answering Settings

Auto Answer: ☒

Answering Call via External Speaker: ☒

Speaker: When the audio is played via external speaker during a call, there may be an echo.

Save

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

Event Search

Access Control Application

Access Control Parameters

Access Control

Video Intercom

Door Parameters

Authentication Settings

Smart

Card Settings

Terminal Parameters

Privacy Settings

Authentication Result Display

5

s

Duration

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.

Captured Picture Mode

☒ Default ☐ Face Picture Matting

Max. Picture Size

Unlimited

▼

Picture Resolution

Auto

▼

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.

Upload Captured Picture During Call

☒

If enabled, pictures will be captured automatically during calls and will be uploaded automatically.

Clear All Pictures in Device

Clear Registered Face Pictures

Clear

Clear Captured Pictures

Clear

PIN Mode

PIN Mode

☒ Platform-Applied Personal PIN ⓘ ☐ Device-Set Personal PIN ⓘ

Save

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

chandler

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

01-18-2025 00:00:00

-

01-17-2035 23:59:59

Attendance Check Only

☒

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

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

Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.30.0_build241114 ACS_673_F1plus_EN_NEU_V4.30.0_build241114 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709 DS-KAB673-WBQR DS-KAB673-WEQR 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
		HikCentral AC: https://www.hikvision.com/en/support/download/sof tware/hikcentral-access-control-v2-3-0/

--	--	--

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)

Device Model: DS-K1T673DBWFX, DS-K1T673DBWFX-QR DS-K1T673DX, DS-K1T673DWX, DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB 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	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.25.1_build241014 ACS_673_F1plus_EN_NEU_V4.25.1_build241014 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/

Modified Feature

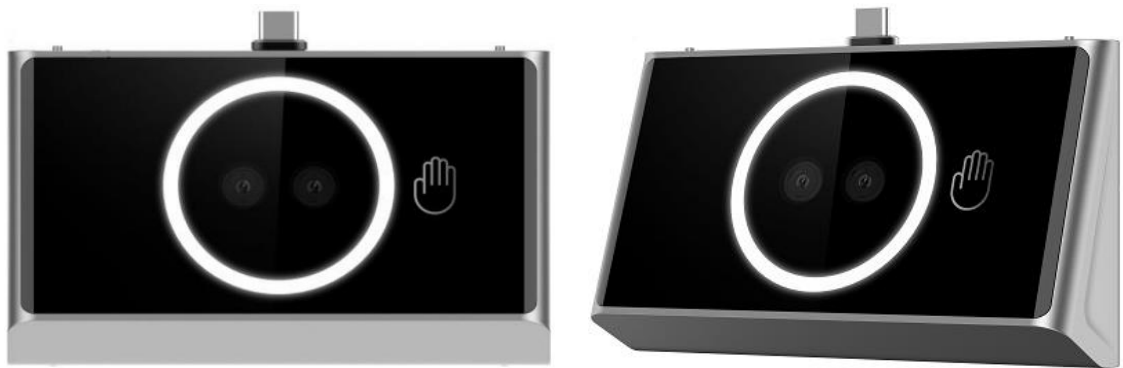
1. When the device firmware is upgrade from V3.x directly to V4.25.x, the face model data upgrade compatibility issue is fixed

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

Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB	Firmware Version	Controller: ACS_673_F1plus_EN_STD_V4.25.1_build240914 ACS_673_F1plus_EN_NEU_V4.25.1_build240914 Extension Module: DS-KAB673-P: ACS_PALMAR_F4_EN_STD_V1.0.0_build240919 DS-KAB673-EDB: ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709
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	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/

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)

Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR DS-KAB673-EDB 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	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V4.25.0_build240722 ACS_673_F1plus_EN_NEU_V4.25.0_build240722 MCU (for DS-KAB673-EDB only) : ACS_DS-KAB673- E_ST1_GML_GM_V1.0.7_build240709
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/

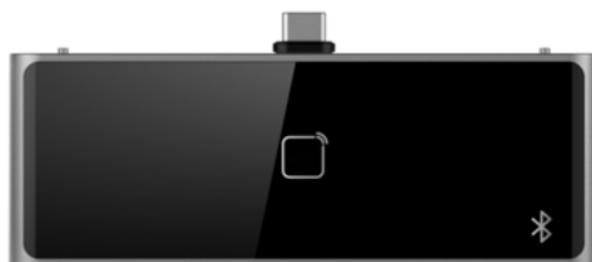
Reason of Upgrade

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)

Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR,DS-KAB673-WBQR 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	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V4.10.0_build240311 ACS_673_F1plus_EN_NEU_V4.10.0_build240311
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/

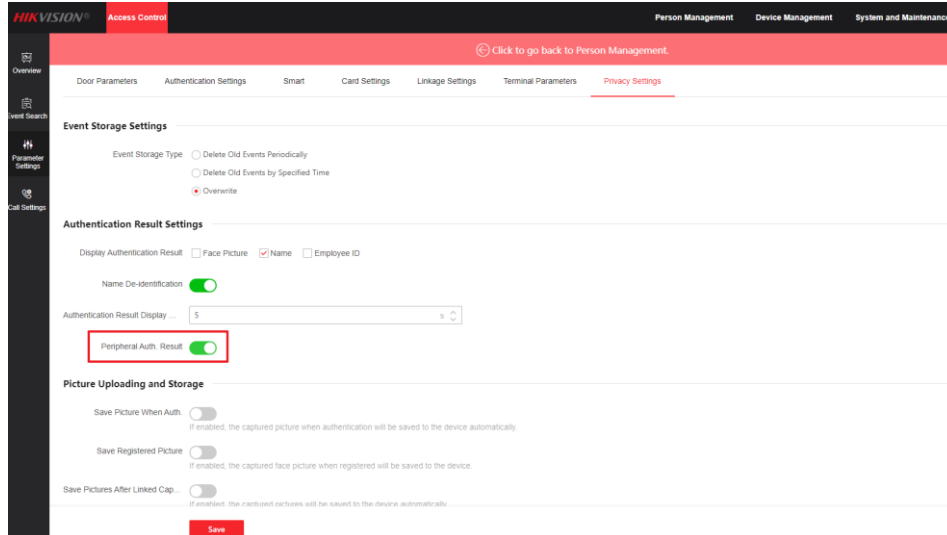
Reason of Upgrade

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

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)



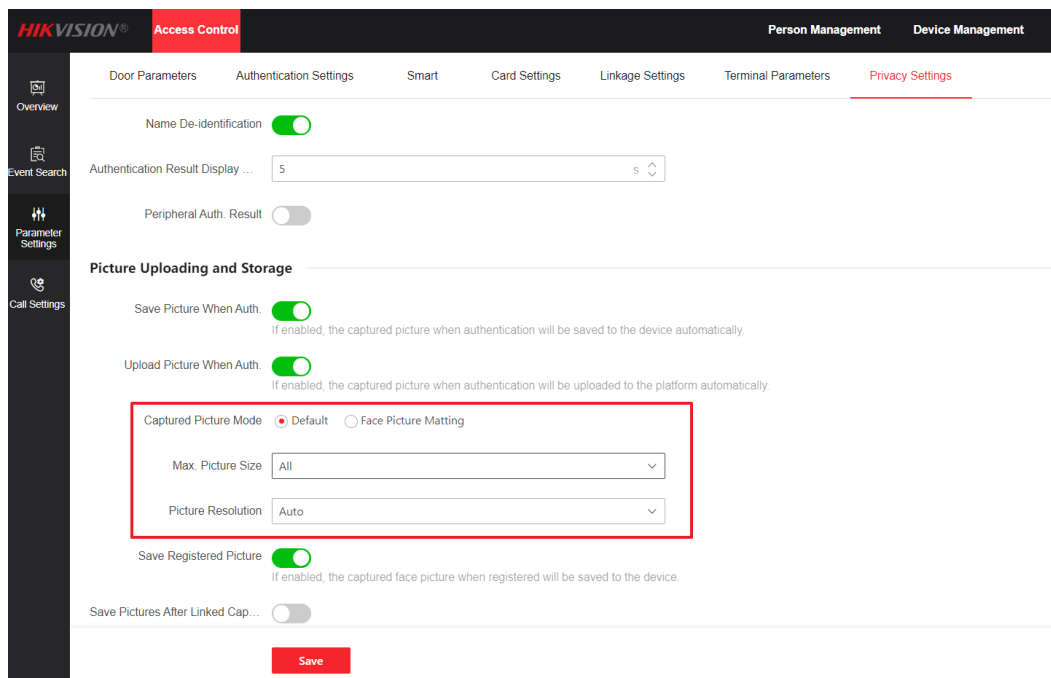
2 Face algorithm compatibility:

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.

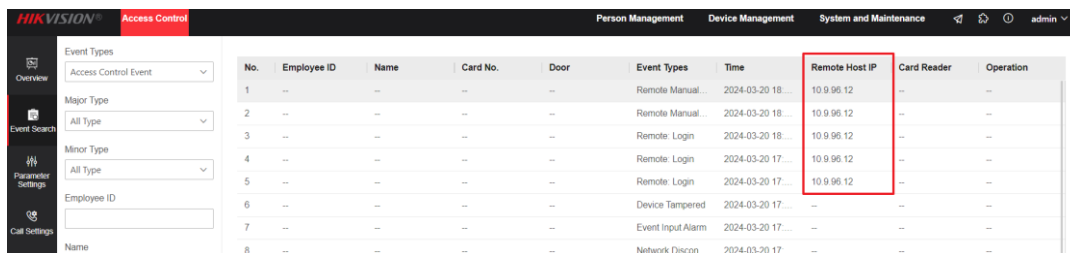
3 Support QR Code V2.0 dynamic encryption

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

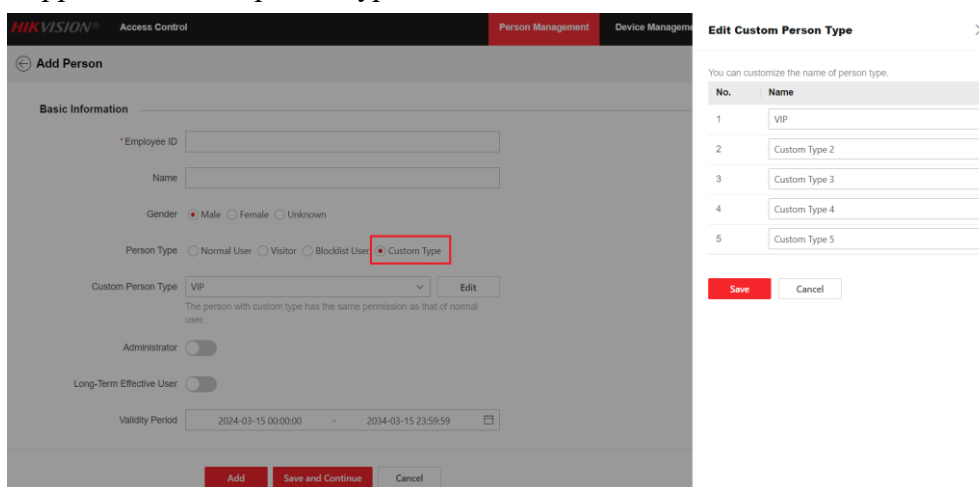


No.	Employee ID	Name	Card No.	Door	Event Types	Time	Remote Host IP	Card Reader	Operation
1	--	--	--	--	Remote Manual...	2024-03-20 18...	10.9.96.12	--	--
2	--	--	--	--	Remote Manual...	2024-03-20 18...	10.9.96.12	--	--
3	--	--	--	--	Remote Login	2024-03-20 18...	10.9.96.12	--	--
4	--	--	--	--	Remote 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 chome 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 -

Edit Custom Person Type

You can customize the name of person type.

No.	Name
1	VIP
2	Custom Type 2
3	Custom Type 3
4	Custom Type 4
5	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.

HIKVISION® Access Control

Person Management Device Management System and Maintenance

Click to go back to Person Management.

Overview Event Search Parameter Settings Call Settings

Door Parameters Authentication Settings Smart Card Settings Linkage Settings Terminal Parameters Privacy Settings

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

Save Registered Picture ☐

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

Save Pictures After Linked Cap... ☐

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

Clear All Pictures in Device

Clear Registered Face Pictures

Clear Captured Pictures

PIN Mode

PIN Mode ☒ Platform-Applied Personal PIN ⓘ ☐ Device-Set Personal PIN ⓘ

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

HIKVISION® Access Control

Door Parameters Authentication Settings Smart Card Settings Linkage Settings Terminal Parameters Priv

Overview Event Search Parameter Settings Call Settings

Face Recognition Parameters

① Face Anti-spoofing ☒

Face Duplicate Check ☐

① Anti-Spoofing Detection Le... ☒ General ☐ Advanced ☐ Professional

Recognition Distance ☒ Auto ☐ 0.5m ☐ 1m ☐ 1.5m ☐ 2m

Pitch Angle 45 ° ^ v

Yaw Angle 45 ° ^ v

Face Picture Quality Grade for ... 0 ^ v

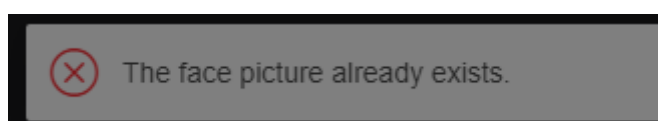
① 1:1 Face Picture Grade Th... 0 ^ v

① 1:1 Matching Threshold 92 ^ v

① 1:N Matching Threshold 92 ^ v

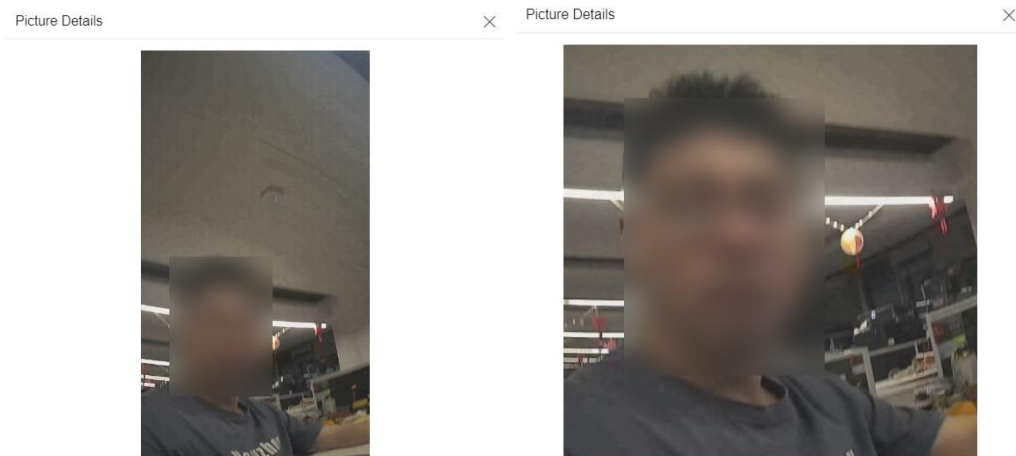
Face Recognition Timeout Value 3 s ^ v

Face Recognition Area



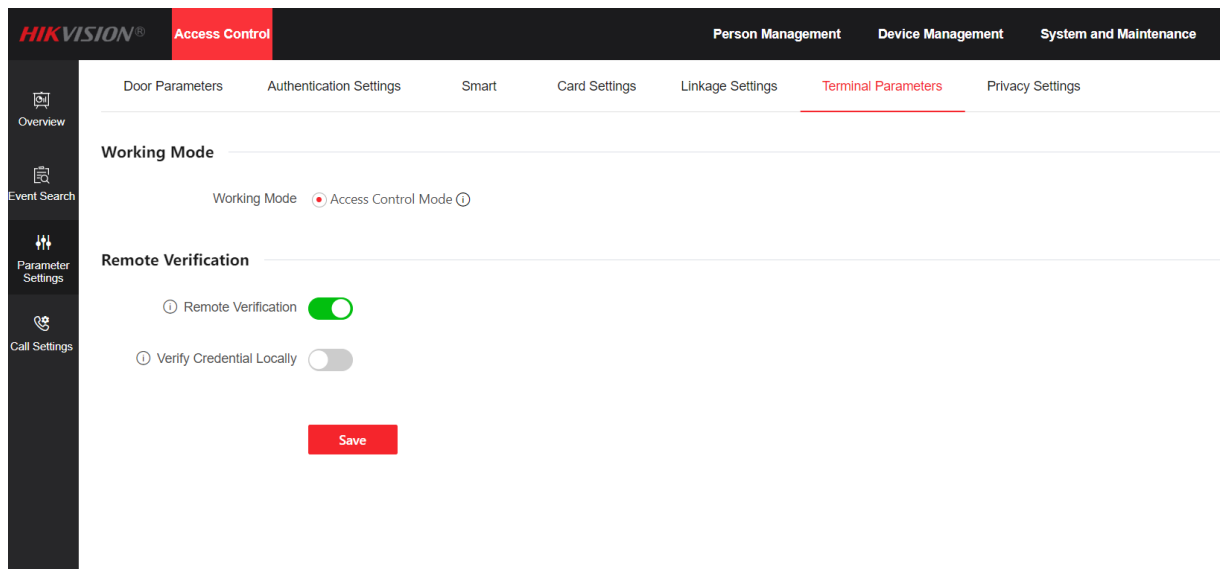
5. Support captured face picture matting

Default captured picture & face picture matting:



6. Remote verification:

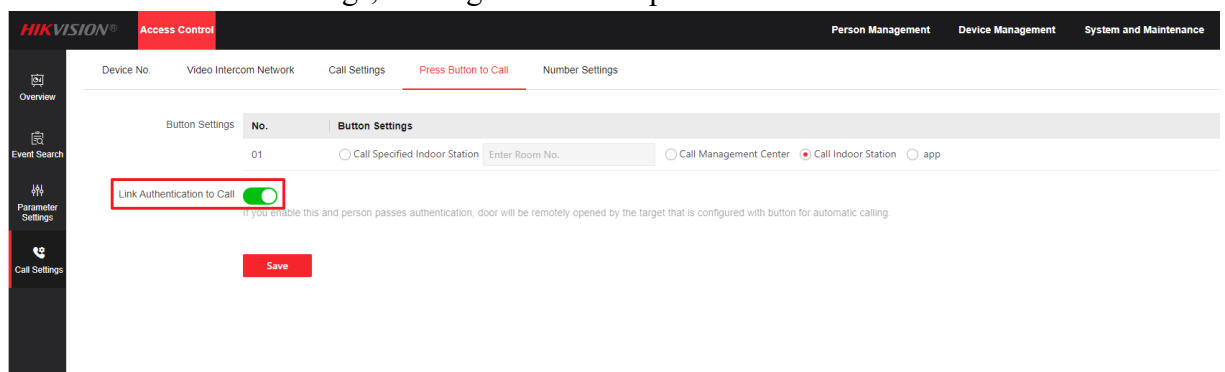
Support remote verification+ local verification or remote verification only.
After enabling this function, multi person authentication cannot work



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

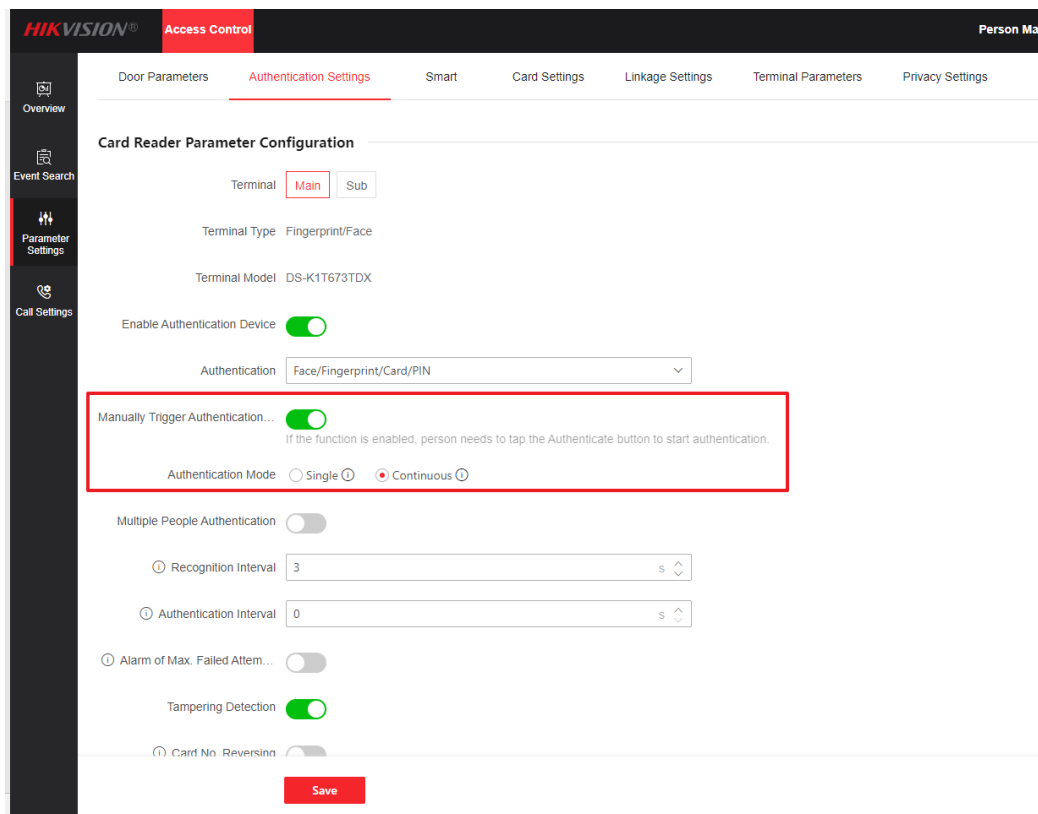
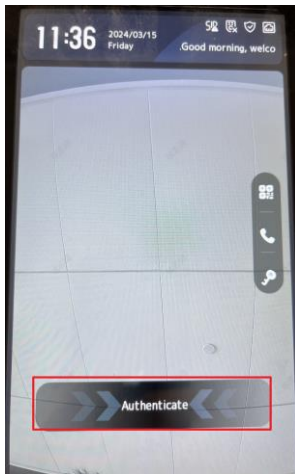
8. Link authentication to call:

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

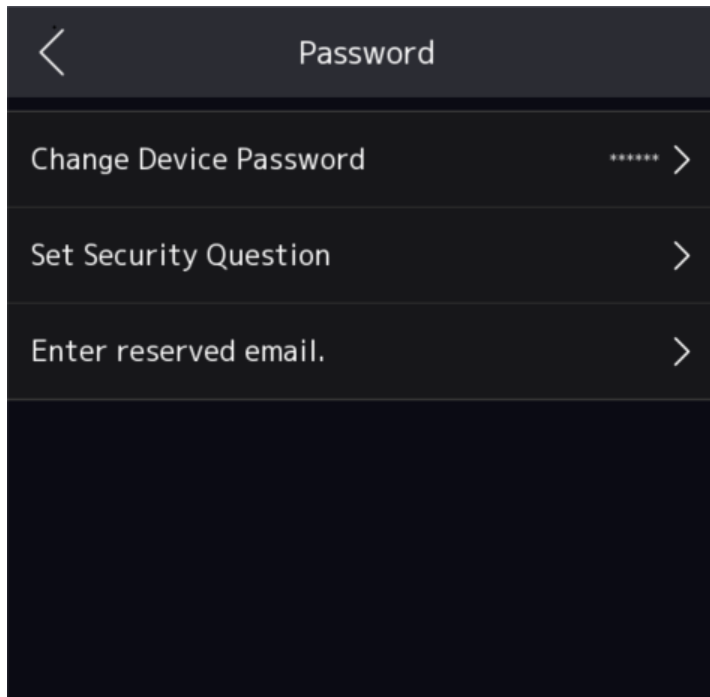


9. Support manually trigger authentication

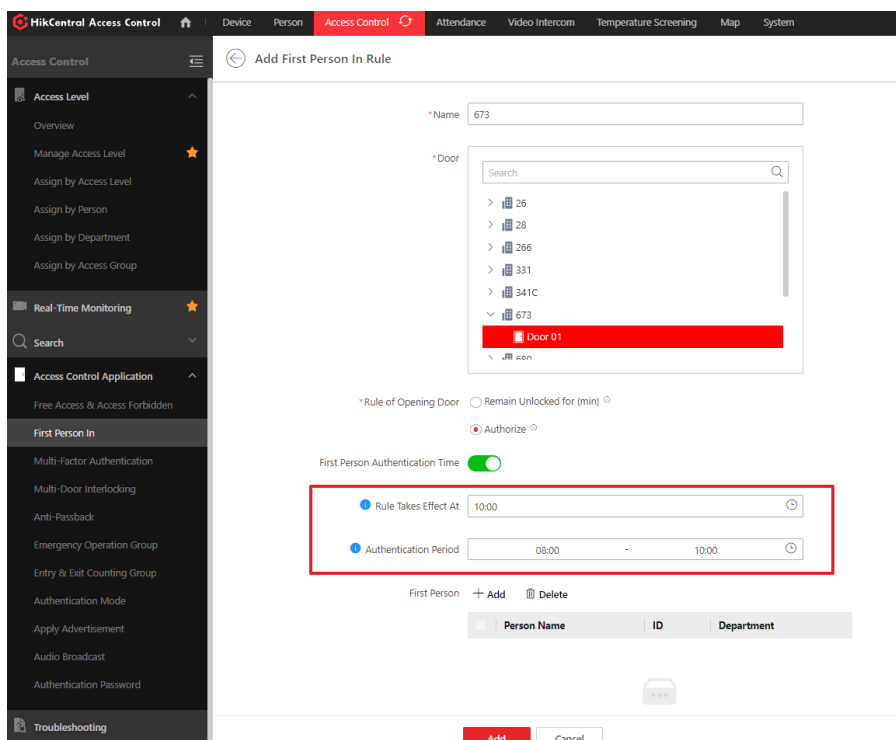
After enabling this function, person need to tap authentication button to start authentication



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)

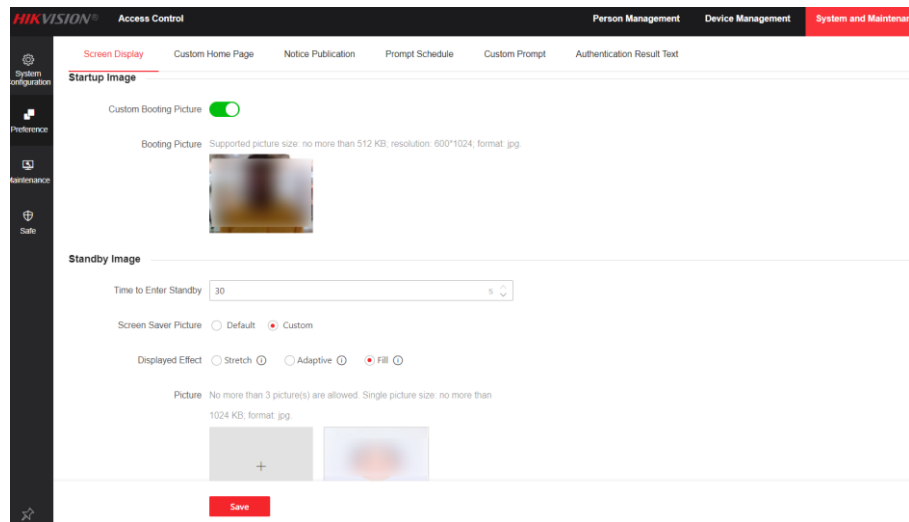


12. Support language: Traditional Chinese, French, Turkish, English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Japanese, Korean. Red one are newly supported languages.
13. Support elevator controller.
 - a. Support Max. 4 elevator controller
 - b. Support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

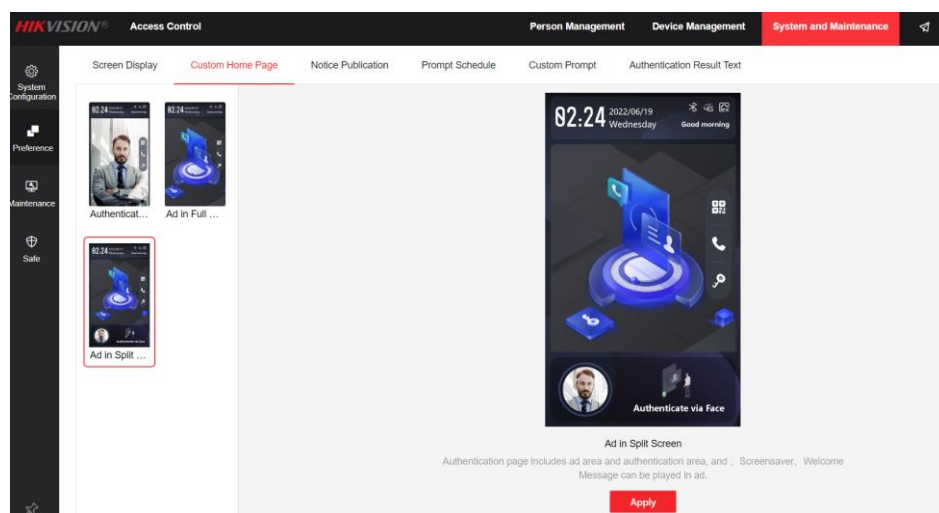
authorize

14. Preference

a. Support custom booting picture and standby picture

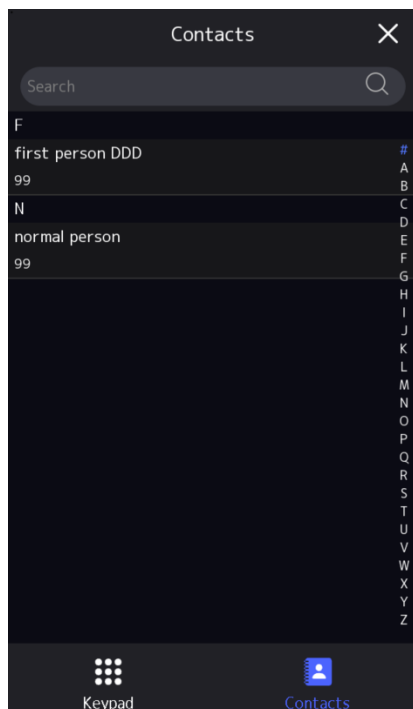


b. Support different advertisement mode: authentication mode, Ad in split screen, Ad in full screen



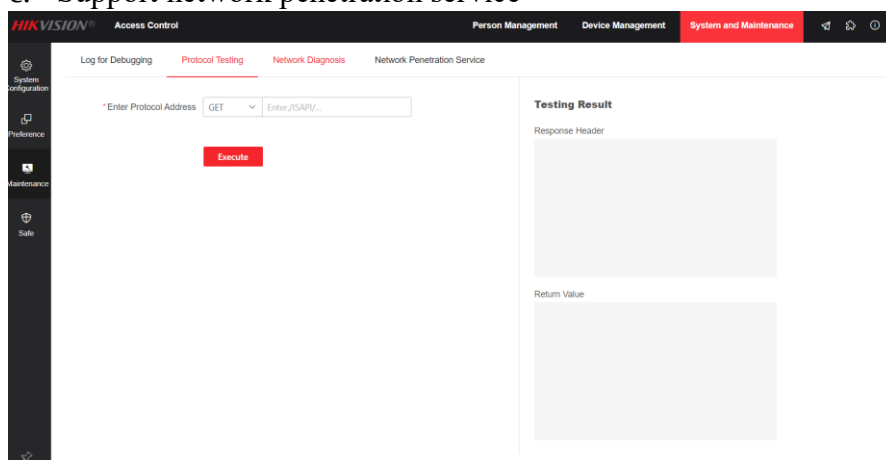
15. Video intercom:

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



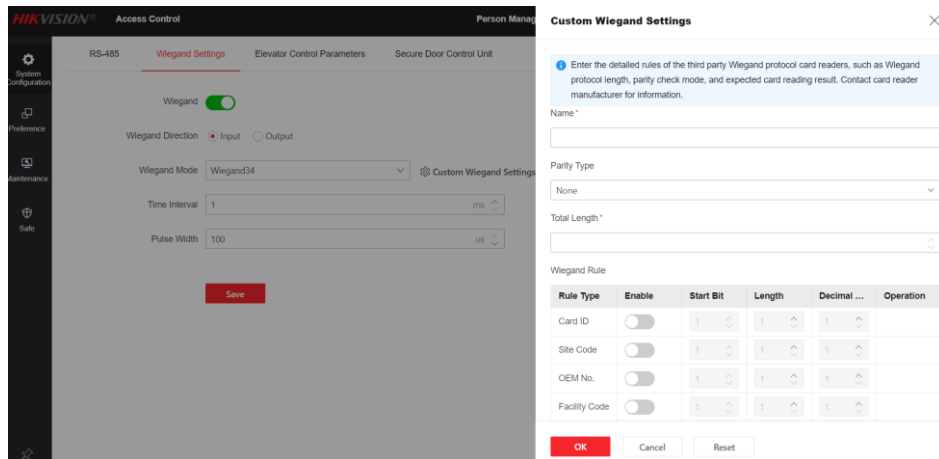
16. Maintenance

- 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)

Device Model: DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR, DS-KAB673-WBQR 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	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.18.0_build231123 ACS_673_F1plus_EN_NEU_V3.18.0_build231123
	Software 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

9 Fix some known bug

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

Device Model: DS-K1T673TDGX,DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673DX DS-K1T673DWX Modules (optional): DS-KAB673-B, DS-KAB673-BQR DS-KAB673-FB, DS-KAB673-FBQR DS-KAB673-WEQR,DS-KAB673-WBQR 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	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.18.0_build231023 ACS_673_F1plus_EN_NEU_V3.18.0_build231023
	Software 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.

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

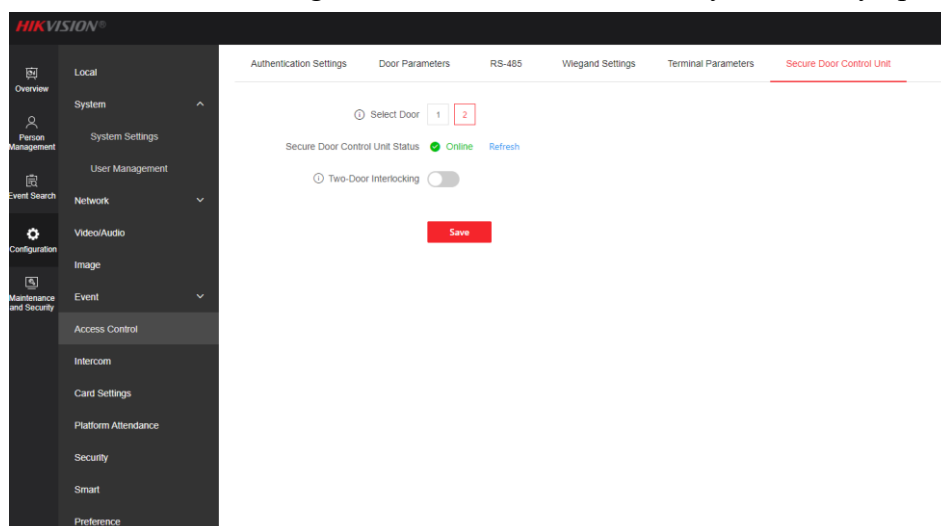


Disconnected

- 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



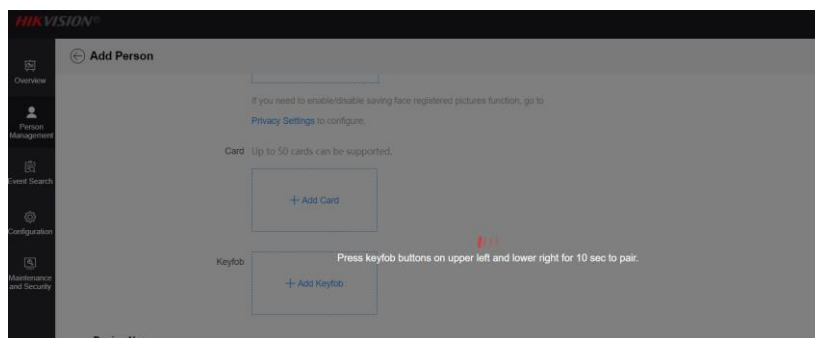
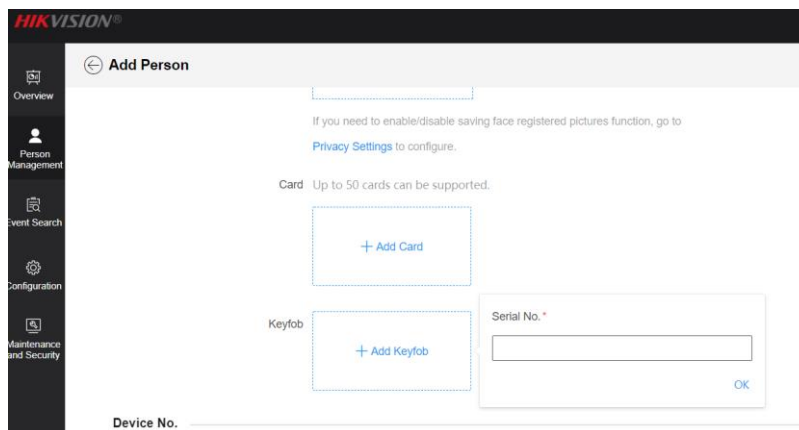
- 12 Support **physical call button**. Physical call button on peripheral module can work the same way as virtual call button on main screen.
- 13 Support QR code 2.0

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)

- 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
- Can edit permission of keyfob to control door1 or door2
- 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)

Device Model: DS-K1T673TDGX, DS-K1T673TDWX, DS-K1T673TDX, DS-K1T673TDX-T 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 G for SIM card, B for Bluetooth, QR for QR code	Firmware Version	ARM: ACS_673_F1plus_EN_STD_V3.10.0_build230202 ACS_673_F1plus_EN_NEU_V3.10.0_build230202
	Software Version	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/

Reason of Upgrade

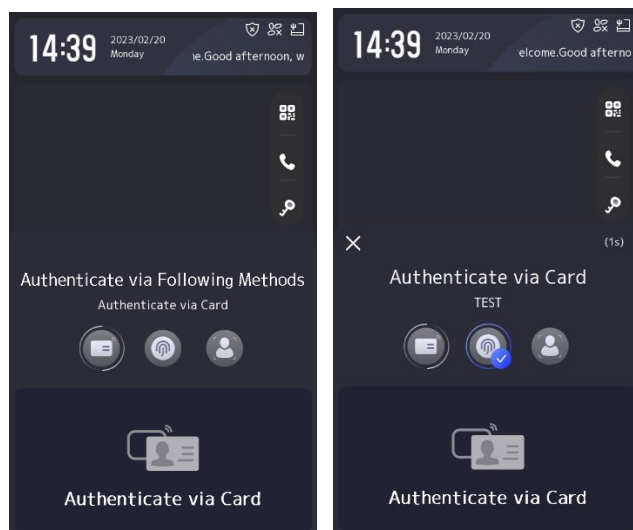
Fix bugs, enhance products quality and meet customers' requirements.

Notice

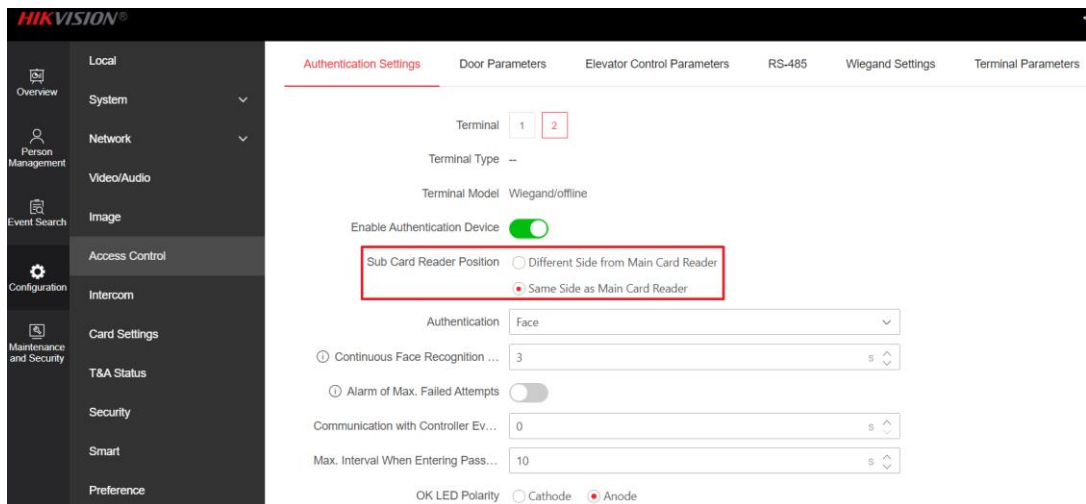
1. Version downgrade. After upgrade to this version, it cannot downgrade. If need to downgrade, please contact technical support.
2. After upgrade to this version, if device does not store face picture, you needs to apply face picture again.

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.

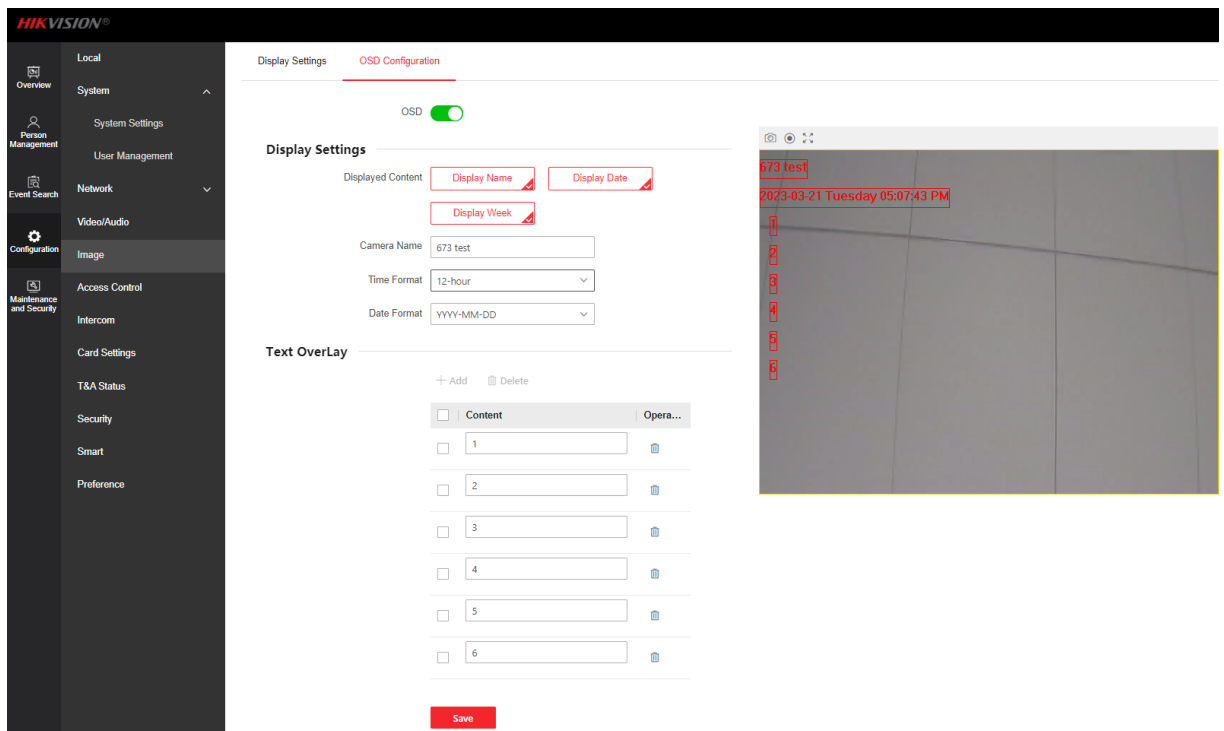


- 17 Support change sub card reader position. Sub card reader can be used in combined authentication mode if set as the same side as main card reader



18 Video

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

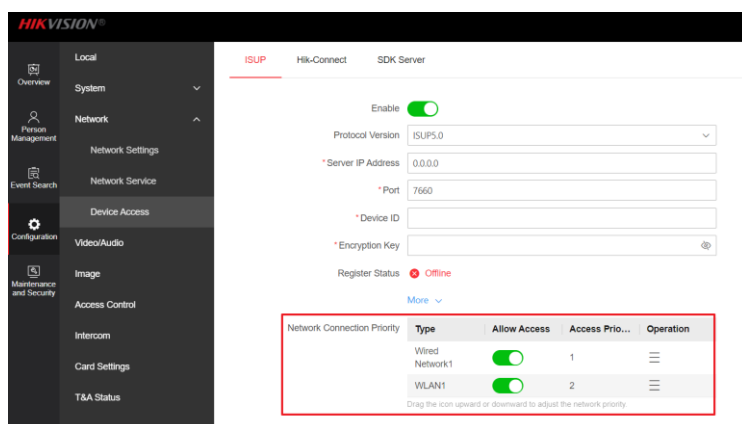


- Support video in advertisement mode. Up to 3 videos are supported, single size should be less than 600MB, video format should be MP4.(MP4 Format Conversion Tool provided on web page)
- Video or picture be displayed with full screen on device
- Support Hik-Connect stream encryption with AES128

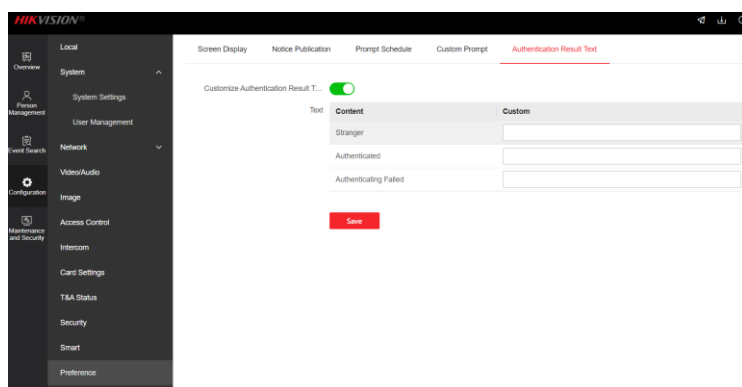
19 Audio

- 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 ☒

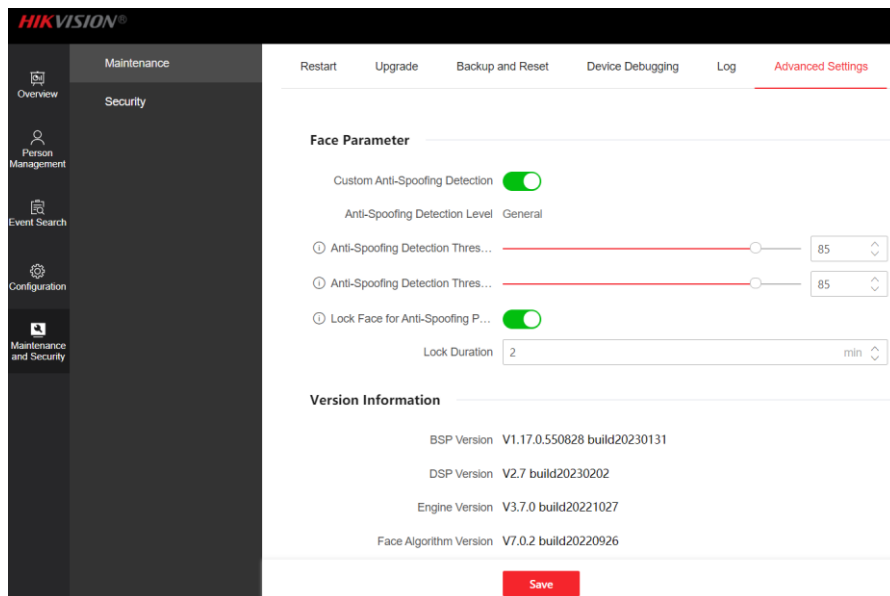
If enabled, the captured pictures will be uploaded to the platform automatically.

Clear All Pictures in Device

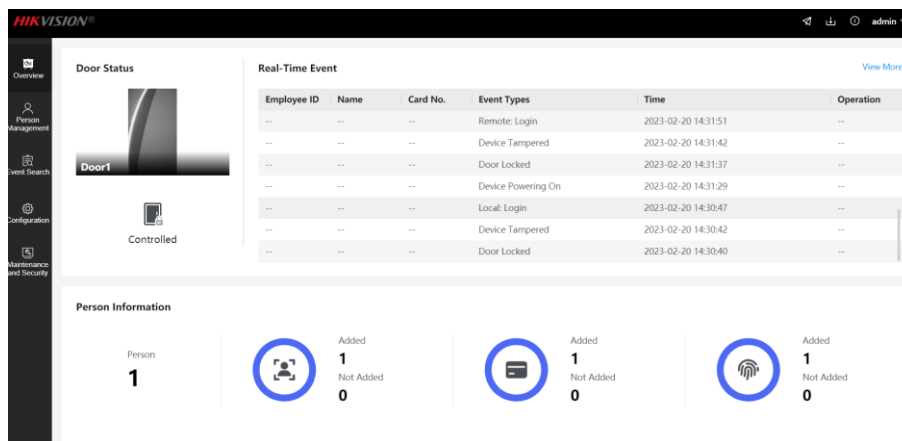
Clear Registered Face Pictures

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



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

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

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_build220906 ACS_673_F1plus_EN_NEU_V3.3.1_build220906 Sub module: ACS_DS-KAB673_ST1_GML_GM_V1.0.2_build20220505
	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v1-3-0/ iVMS: https://www.hikvision.com/en/support/download/software/ivms4200-series/

Reason of Upgrade

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

Modified Features

- 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
--	------------------	--

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
--	------------------	--

Naming Rule: D for Desfire, Felica and M1 card W for Wi-Fi, F for Fingerprint, B for Bluetooth, QR for QR code	SDK	Latest baseline version
	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

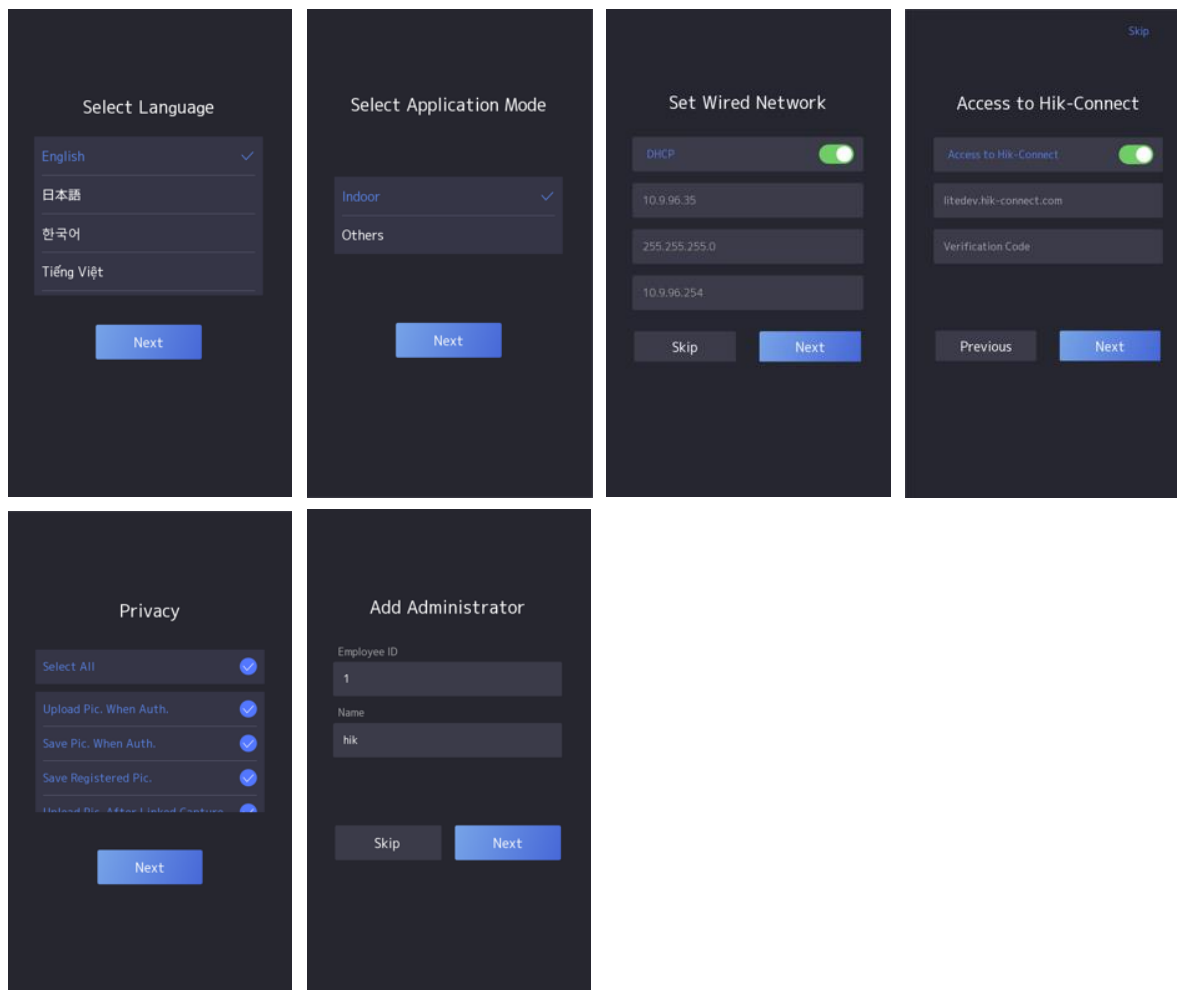
- 7-inch LCD touch screen, 2 MP wide-angle dual-lens camera with WDR feature;
- Connect external card reader or access controller via RS485 protocol; support Wiegand26/34 output
- Face recognition duration < 0.2 s/User; face recognition accuracy rate ≥ 99%

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		Support
DS-K1T673TDX	100,000	500,000	or DS-KAB673-FBQR		\
DS-K1T673TDWX					Support

- ISAPI protocol makes it easier for integration with third-party software;
- Remote video intercom and unlock door from Hik-Connect App on your mobile/Pad
- Support Hik-ProConnect platform to realize Cloud access control and time attendance management
- Support ISUP 5.0 protocol to manage devices located in different locations;
- When open device for the first time, wizard for activation and basic configuration. Including select

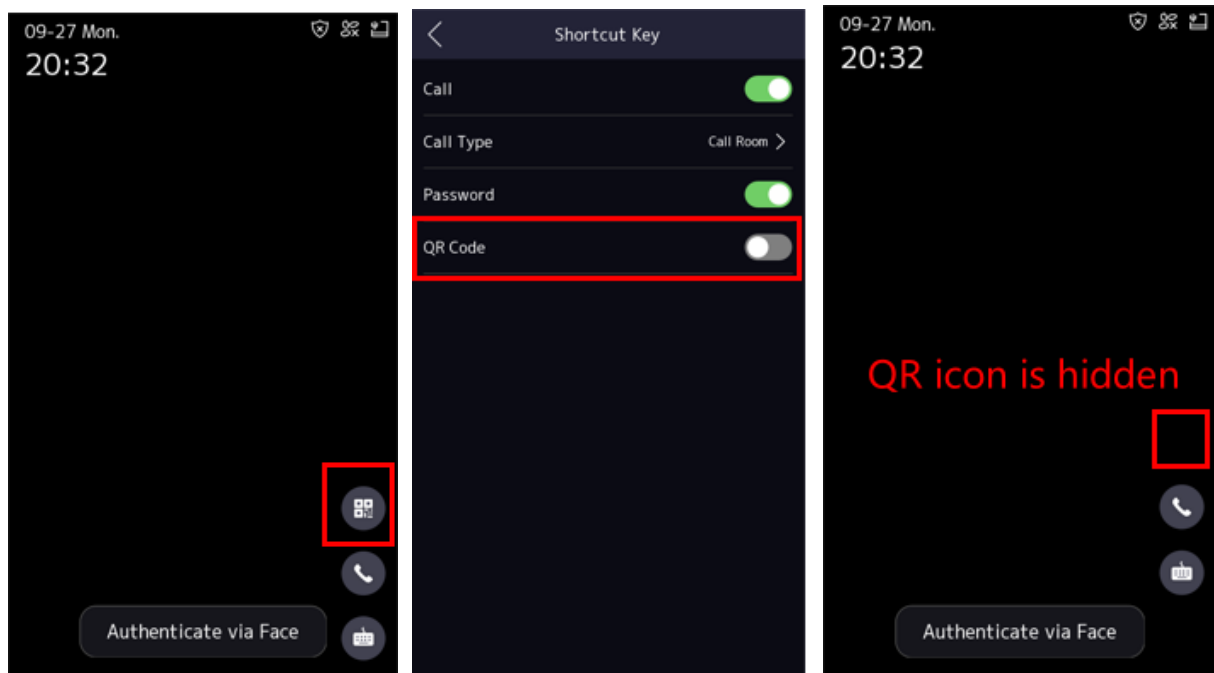
language, application mode, select and configure network, Hik-Connect, privacy settings, add administrator face and card.



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

Note:

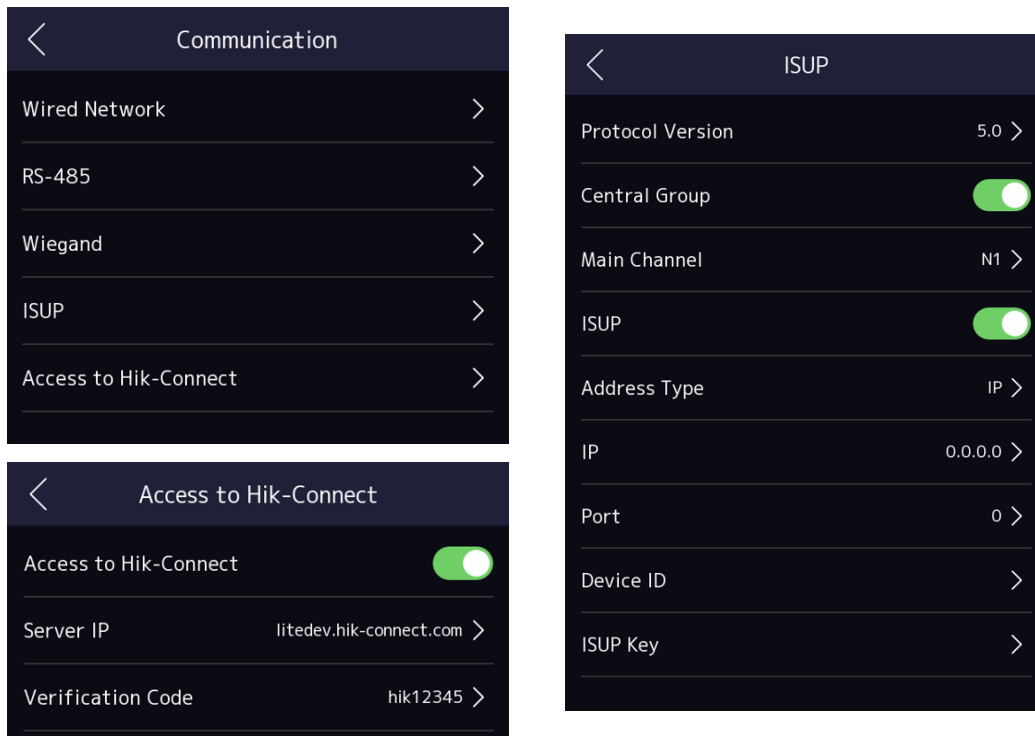
- a. Bluetooth function will be available in future firmware to work together with mobile APP.
- b. Supported QR Code format: QR Code, Micro QR, Code128, Code39, Codabar
- c. How to authenticate QR code:
 - 1) When The QR code icon is displayed on the standby interface: click on the icon, and then show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

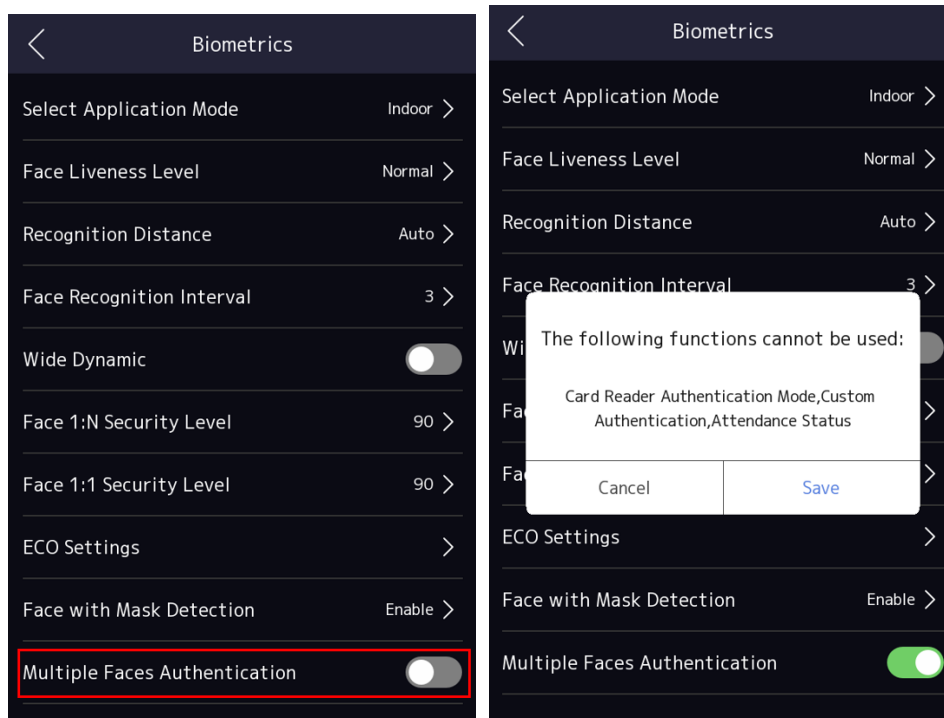
Special circumstances: When intercom function is enabled, whether or not a speaker is plugged in, the voice will be played locally by the device. (Prevent the echo interference)
13. Self-defined shortcut key (Call Room, Call Center, Call Specified Room, Call App and Password) on main interface;
14. Configure ISUP and Hik-Connect parameter in device local menu



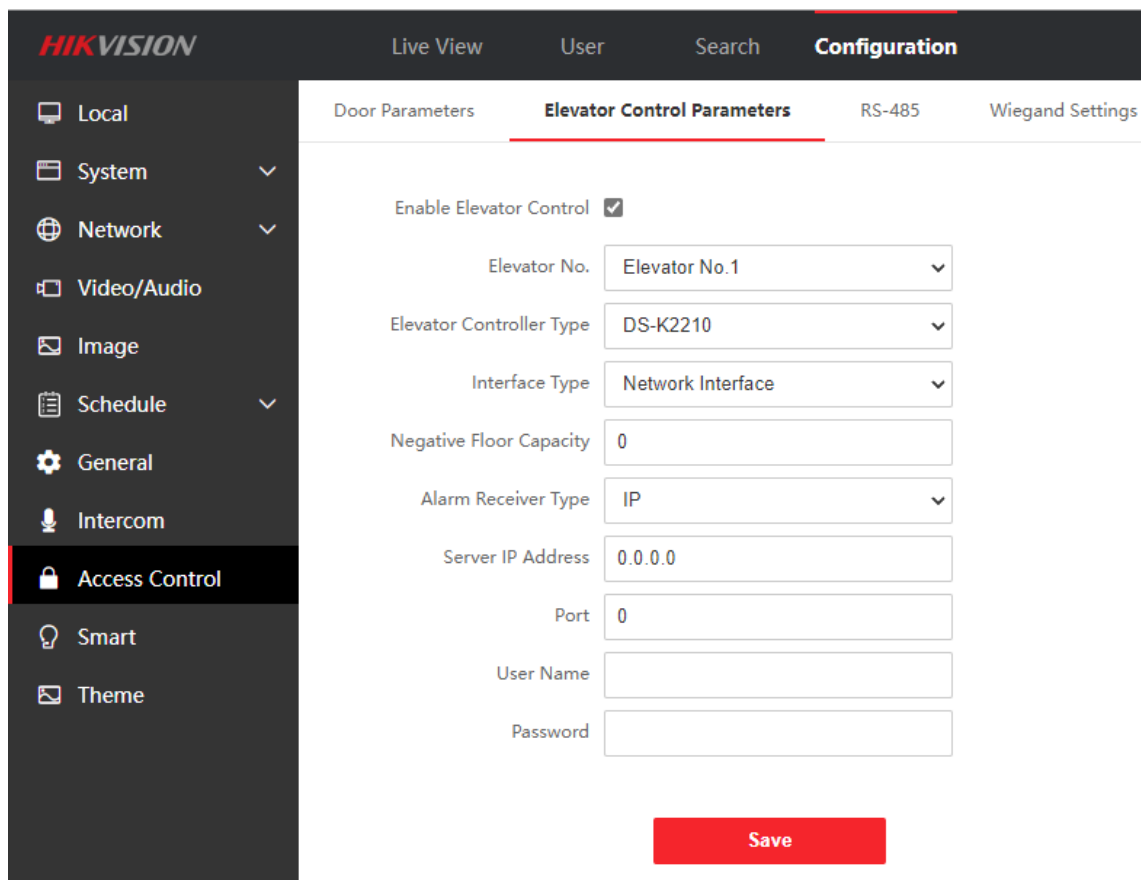
15. Login and configure device in web client via browser;



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.*

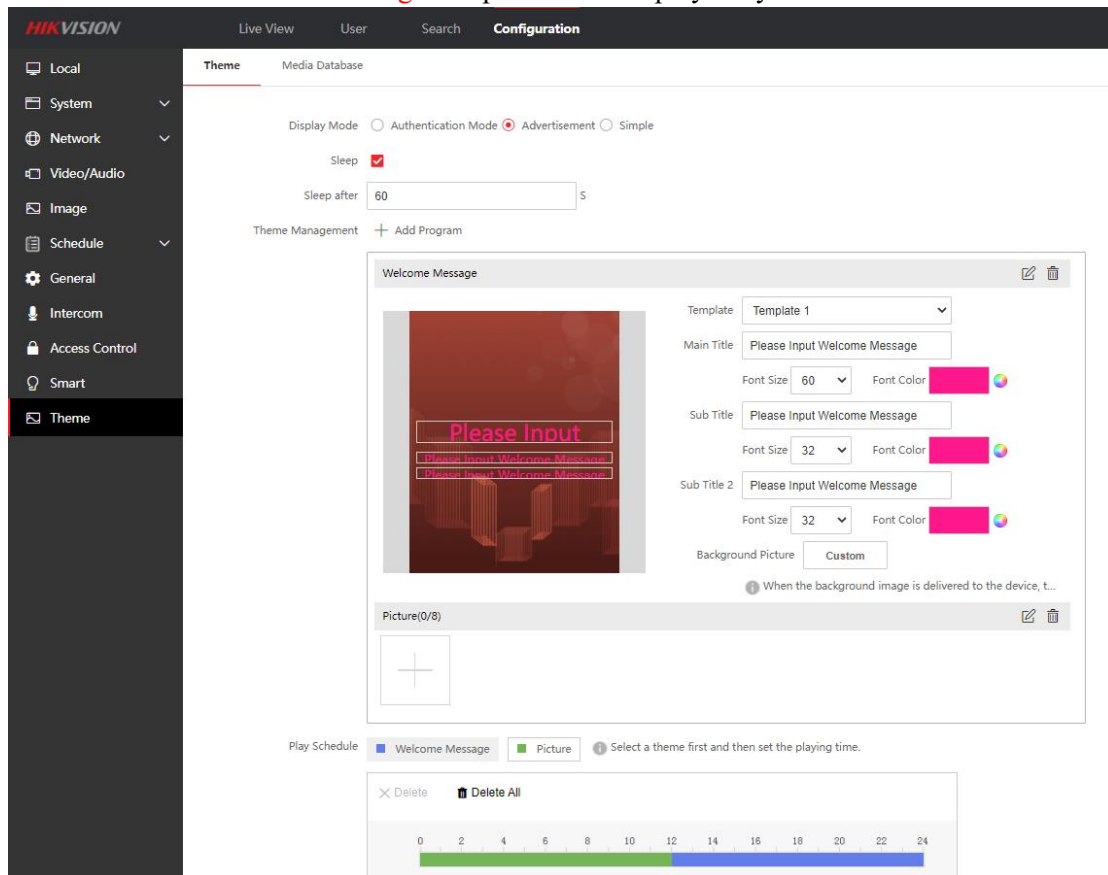


17. Support **call elevator** function.



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.

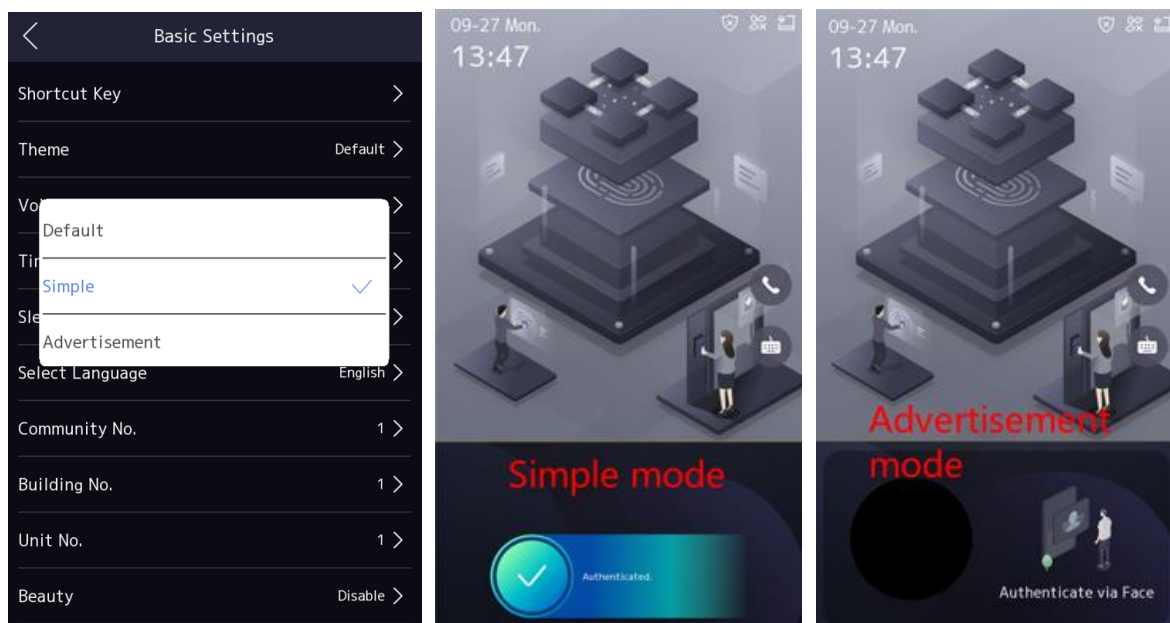


20. Support simple mode, advertisement mode when authenticating.

Default mode: Full screen live view when authenticating face

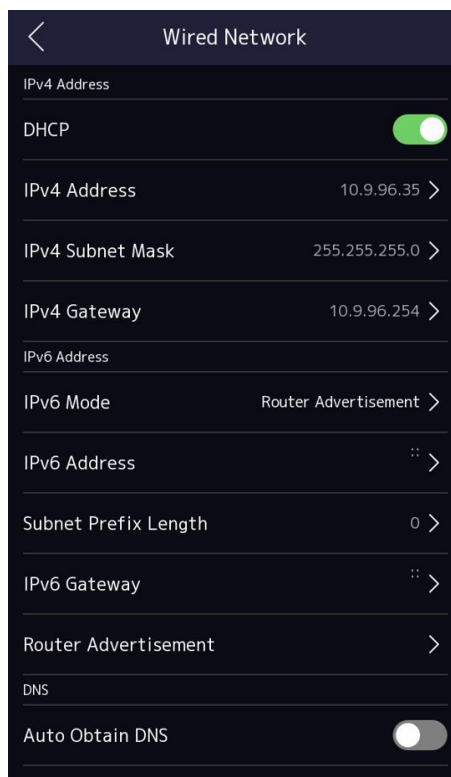
Simple mode: Display wallpaper on the top and no live view when authenticate face

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

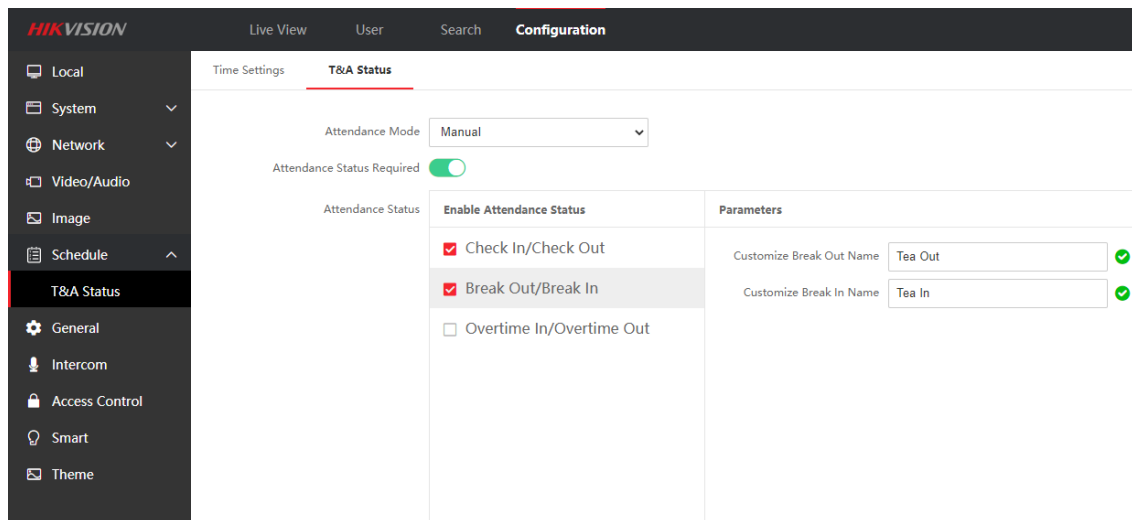


Note for IPv6:

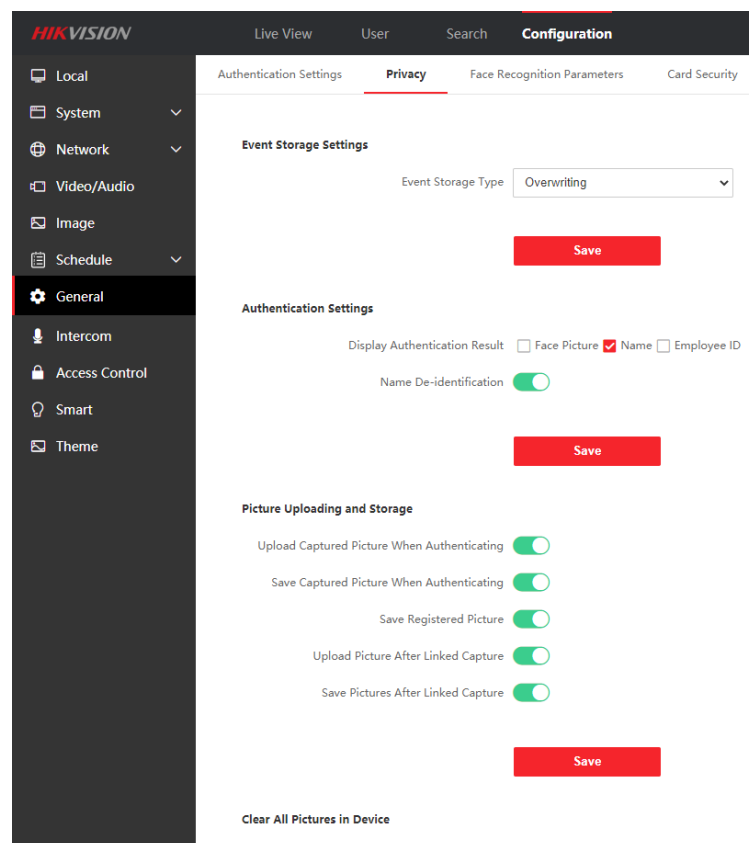
Function	Ipv4	Ipv6
HTTP/HTTPS (80/443 port)	Support	Support
SDK (8000/8443 port)	Support	Not Support
ISUP	Support	Not Support
Hik-Connect	Support	Not Support
Picture server	Support	Only support local server work as picture server, Not Support storage、KMS
Live view (RTSP)	Support	Support
NTP	Support	Support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

22. Function

- Support face mask recognition.
- Video intercom** with indoor station, master station and platform;
- Multiple verification modes: Face, card, fingerprint(-F only), PIN code;
- Face recognition distance ranges from 0.3 to 3 meters;
- Support check in/check out/break out/break in/overtime in/overtime out attendance status, and self-define status name;



- 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.

Hikvision Digital Technology CO., Ltd.
No. 555 Qianmo Road, Binjiang District, Hangzhou 310051,
China
Tel: +86-571-8807-5998
FAX: +86-571-8993-5635
Email: overseabusiness@hikvision.com