

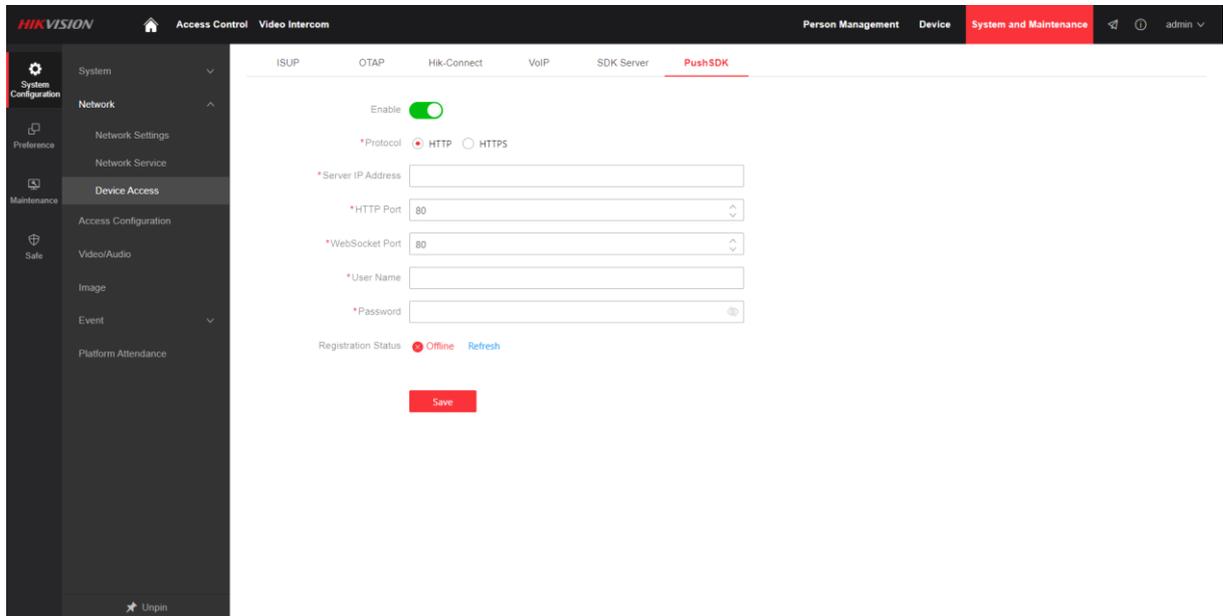
# DS-K1T343 Series MinMoe Terminal

## Release Notes (2026-2-4)

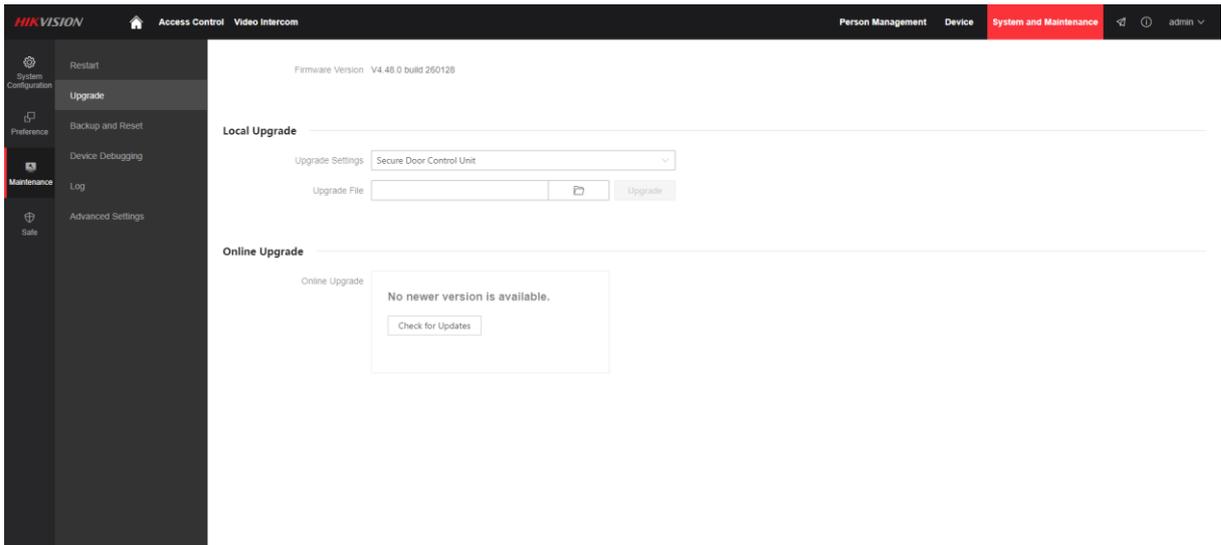
<b>Device Model:</b> DS-K1T343EX DS-K1T343EWX DS-K1T343EFX DS-K1T343EFWX DS-K1T343MX DS-K1T343MWX DS-K1T343MFX DS-K1T343MFWX  <b>Naming Rule:</b> <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	ACS_343_F1pro_EN_NEU_ V4.48.0_build260128 ACS_343_F1pro_EN_STD_ V4.48.0_build260128
	Software	<b>HikCentral AC:</b> <a href="https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/">https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</a>

### New features

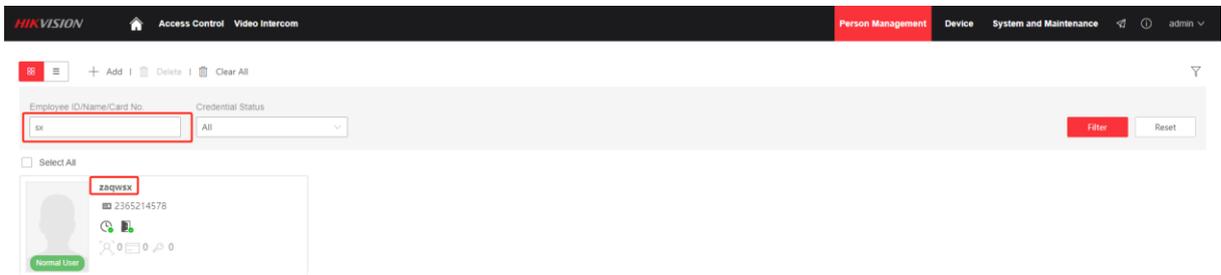
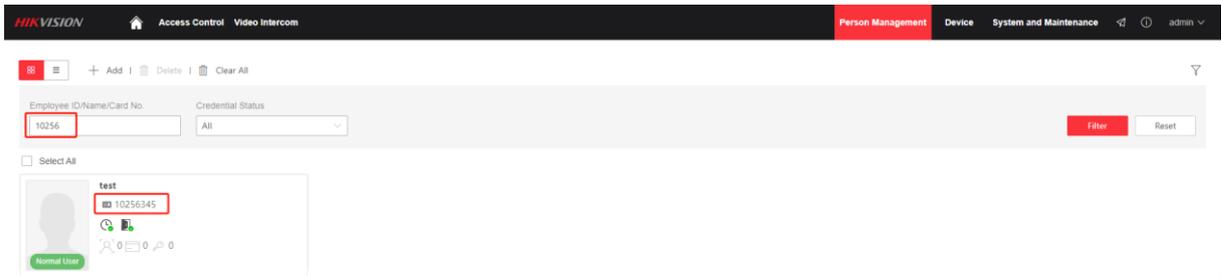
#### 1. Support push SDK



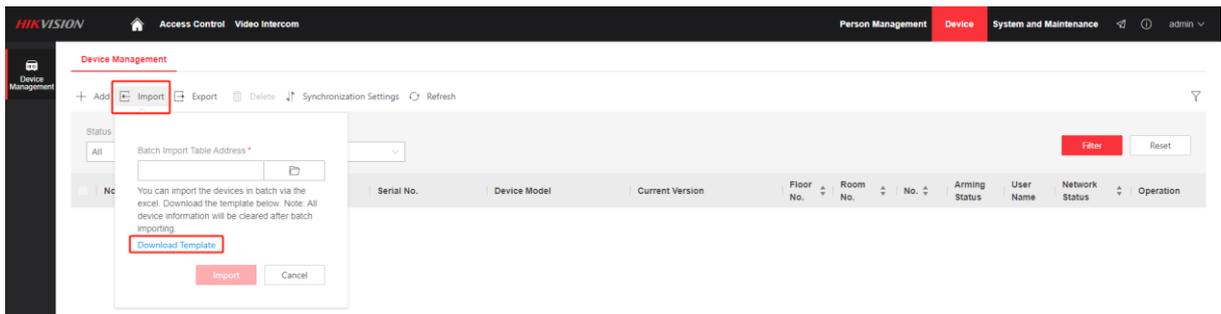
#### 2. Support to upgrade “Secure Door Control Unit” in web page



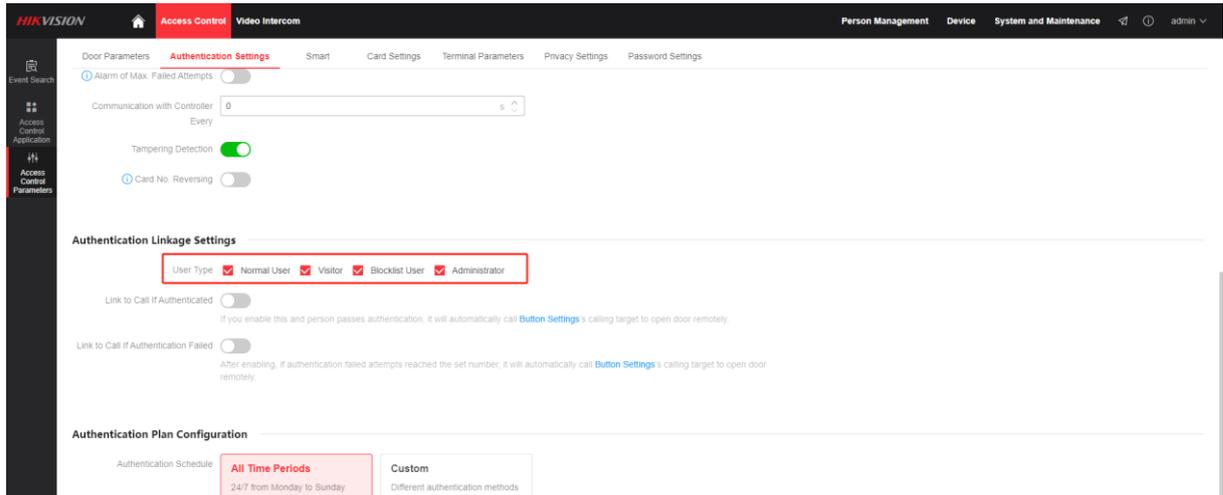
### 3. Support fuzzy search by personnel ID or name in web page



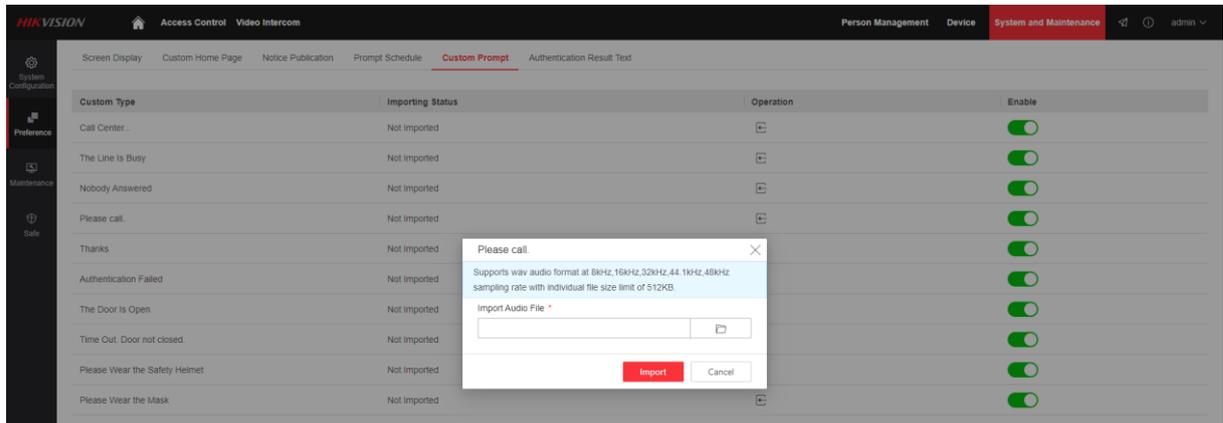
### 4. Add video intercom features (batch import and activate sub door stations & indoor stations, configure network parameters, voice mailbox, sync community-building-unit info and master station info to sub door stations & indoor stations)



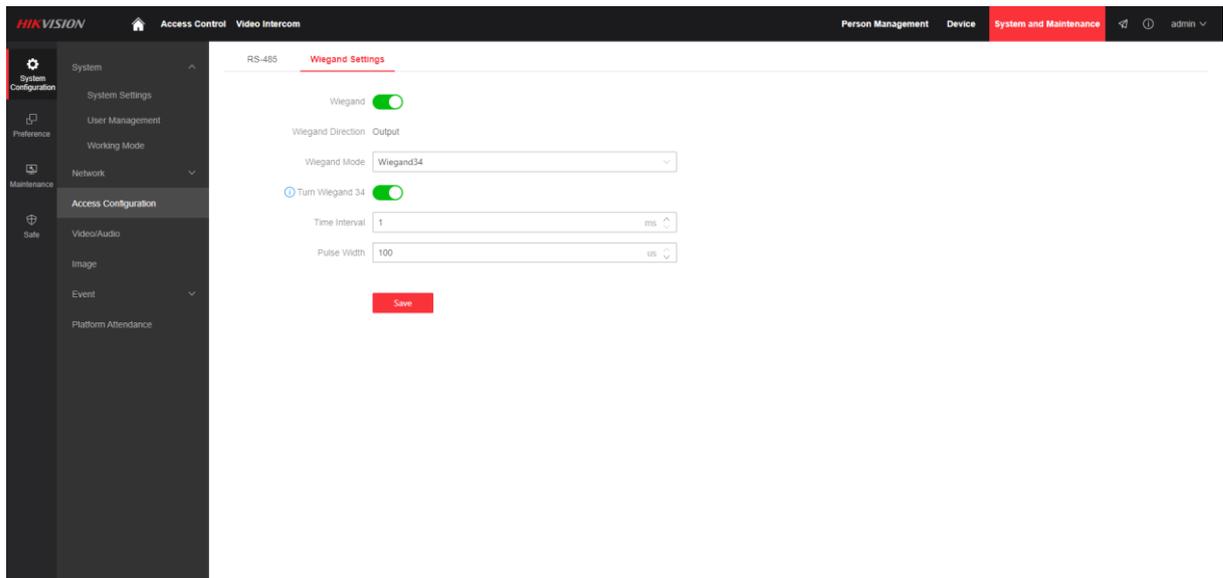
## 5. Support authentication linkage settings based on user types



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



## 7. Support to 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



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

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: Login	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: Logn	02-04-2026 04:11:57	10.9.96.43	--	--	--	--

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

## 9. Add Kazakh language and Uzbek language

System Configuration

- System Settings
- User Management
- Working Mode
- Network
- Access Configuration
- Video/Audio
- Image
- Event
- Platform Attendance

Basic Information

Device Name: Access Controller

Language: English

Product Name: Portuguese(Brazil)

Serial No.: 日本語

Firmware Version: 繁體中文

Encoding Version: Türkçe

Hardware Version: Français

Web Version: O'zbekcha

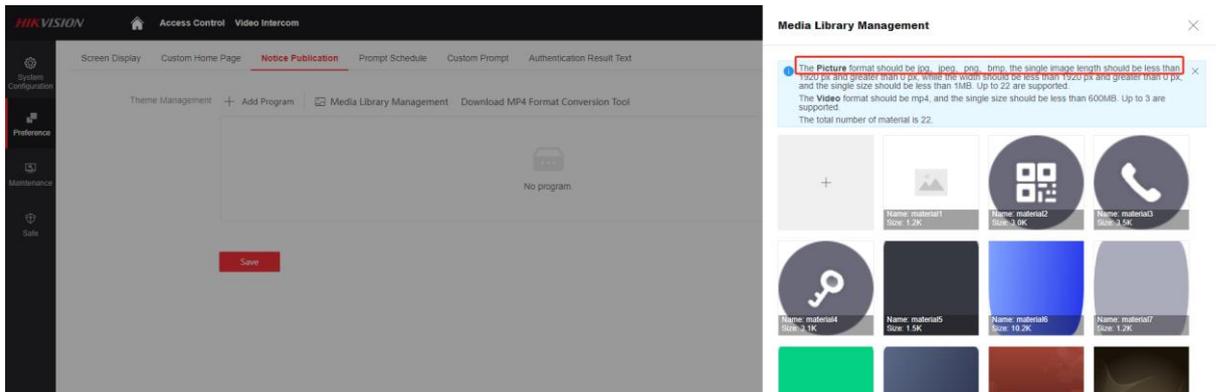
Plugin Version: Қазақша

Available Video Channels: 1

IO Input Number: 0

IO Output Number: 0

## 10. Add new picture formats: .jpg, .png and .bmp



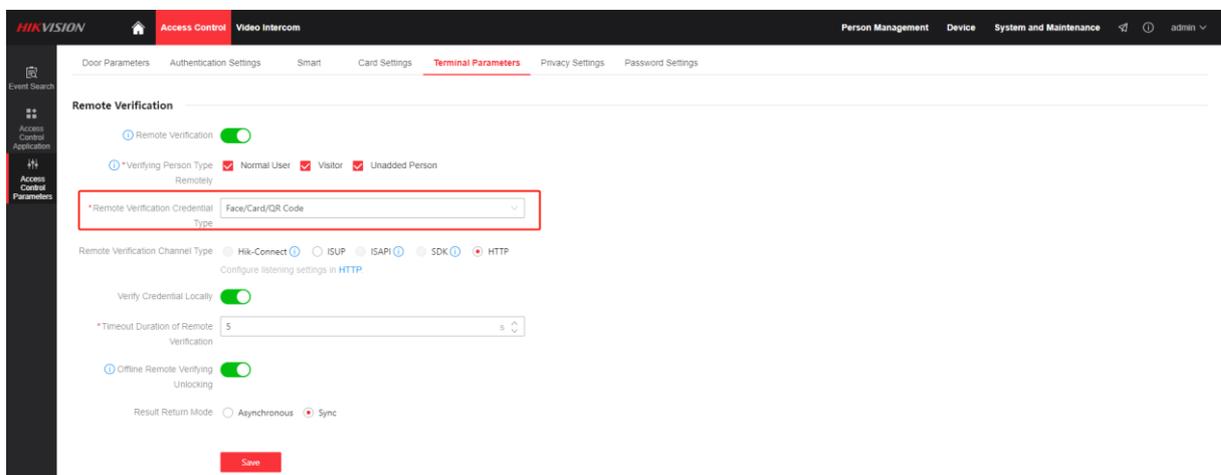
## Optimizations

### 1. Support to manually enable ONVIF in local page



### 2. Optimize finger printer authentication algorithm

### 3. Optimize remote verification features (*remote verification credential types, user-define authentication result text and voice prompt, default authentication channel is ISAPI*)



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

The screenshot displays the HIKVISION web management interface. At the top, there is a navigation bar with the HIKVISION logo on the left and menu items: Access Control, Video Intercom (highlighted in red), Person Management, Device, and System and Maintenance. On the right of the navigation bar, there are icons for help, refresh, and a user profile labeled 'admin'. Below the navigation bar, a sub-menu is visible with options: No. Settings, Video Intercom Network, Call Settings, Press Button to Call, Call Priority, and Number Settings. The main content area shows the 'Call Parameters' configuration for a device. It includes three dropdown menus: 'Device Type' (set to 'Door Station'), '\*Floor No.' (set to 'Door Station'), and '\*Door Station No.' (set to 'Outer Door Station'). A 'More' dropdown arrow is located below these fields. At the bottom of the configuration area, there is a red 'Save' button.

## DS-K1T343 Series MinMoe Terminal Release Notes (2025-11-03)

<b>Device Model:</b> DS-K1T343EX DS-K1T343EWX DS-K1T343EFX DS-K1T343EFWX DS-K1T343MX DS-K1T343MWX DS-K1T343MFX DS-K1T343MFWX  <b>Naming Rule:</b> <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	ACS_343_F1pro_EN_NEU_V4.39.80_build250827 ACS_343_F1pro_EN_STD_V4.39.80_build250827
	Software	<b>HikCentral AC:</b> <a href="https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/">https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</a>

### **Optimization:**

1. Optimize ISUP related function and stability
2. Optimize EZVIZ related function
3. Optimize SIP/VOIP calling.
4. Optimize DSP module to support to assign face pictures that are larger than 200KB
5. Optimize microphone module
6. Fix DST (daylight saving time) issue
7. Fix TTS related issues

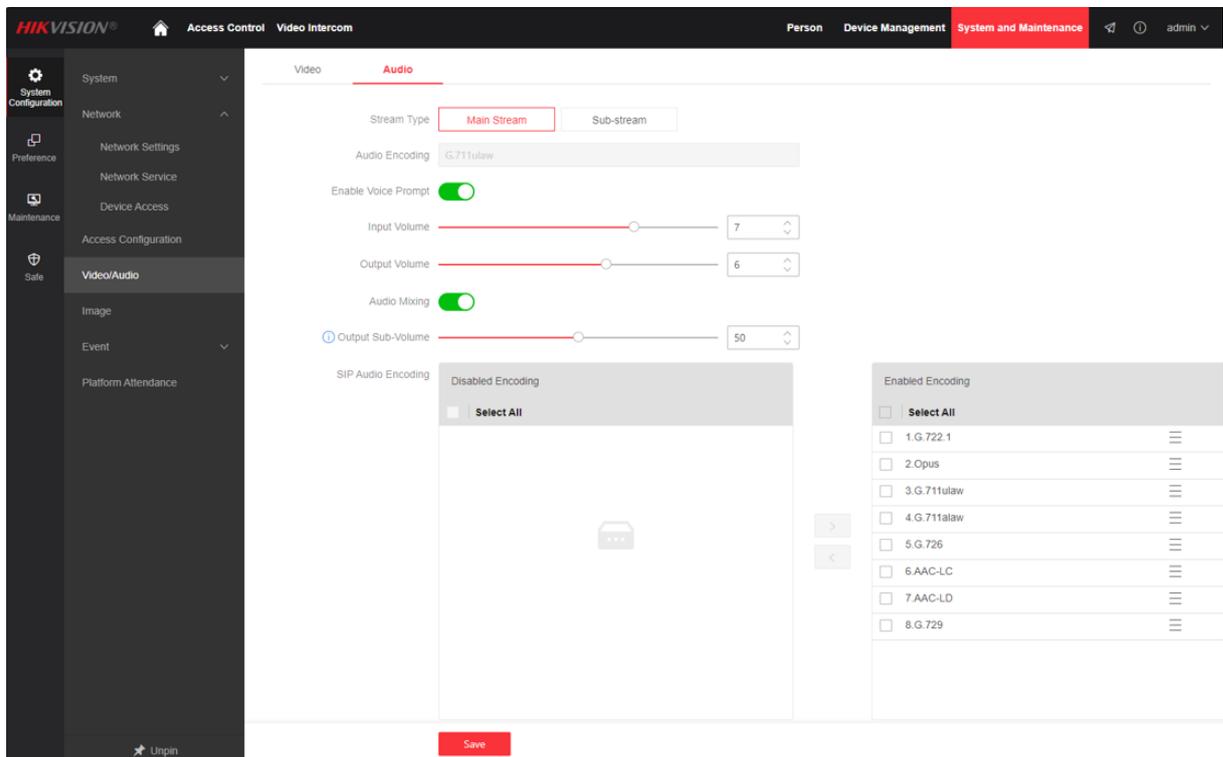
# DS-K1T343 Series MinMoe Terminal

## Release Notes (2025-01-09)

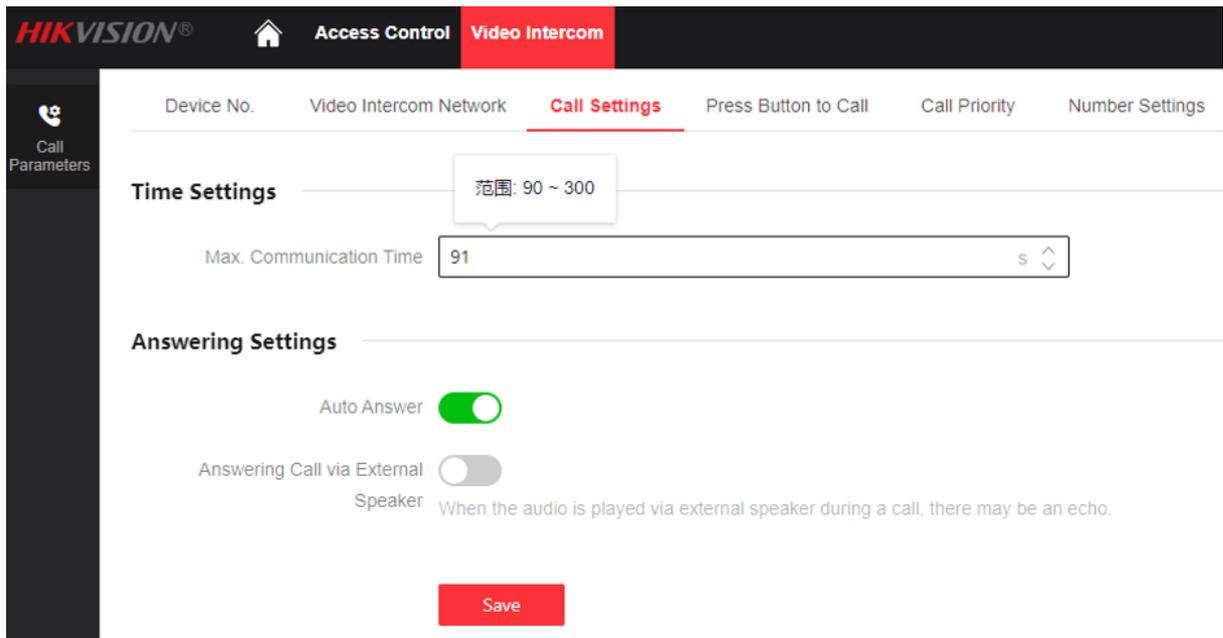
<b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX  <b>Naming Rule:</b> M for M1 card, F for fingerprint, W for Wi-Fi	Firmware Version ACS_343_F1pro_EN_NEU_V4.38.0_build250109 ACS_343_F1pro_EN_STD_V4.38.0_build250109
	Software <b>HikCentral AC:</b> <a href="https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/">https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/</a>

### 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



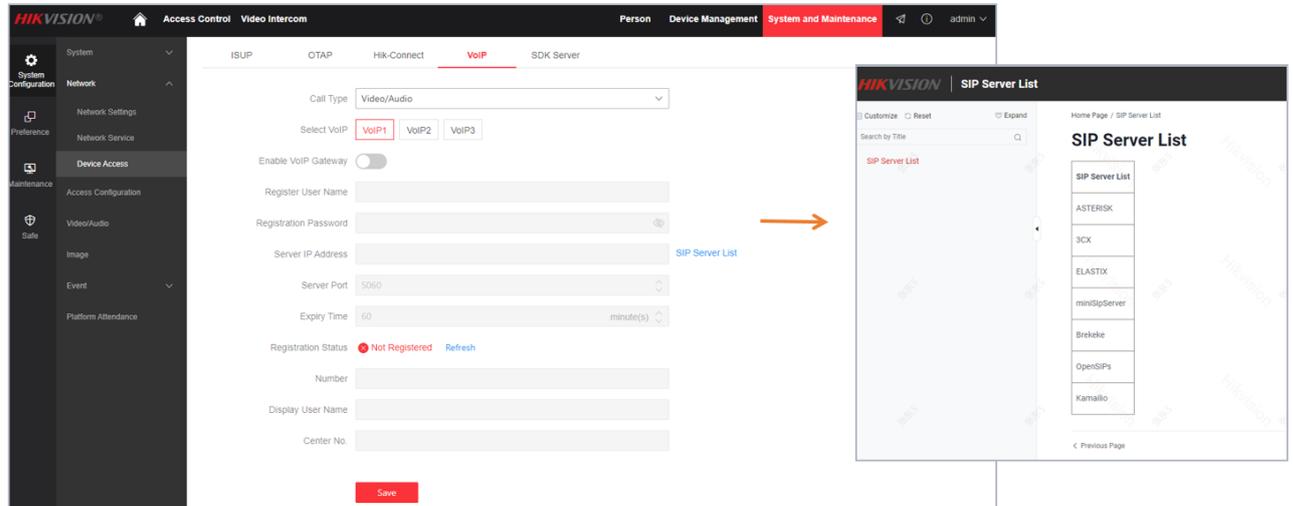
5. Modify the maximum call duration for intercom form 180 to 300



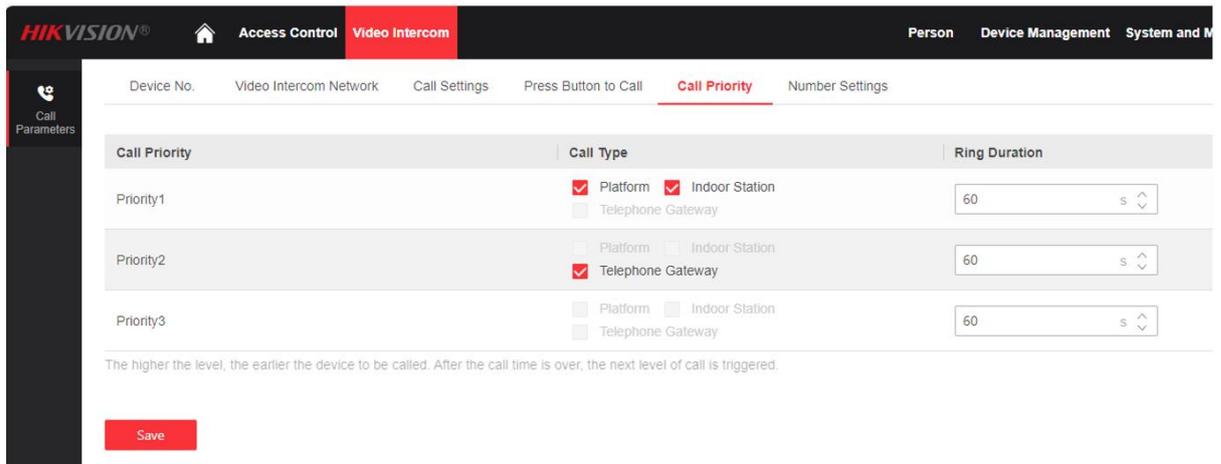
6. Support configuration of up to 3 VoIP servers

**SIP Server List:**

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

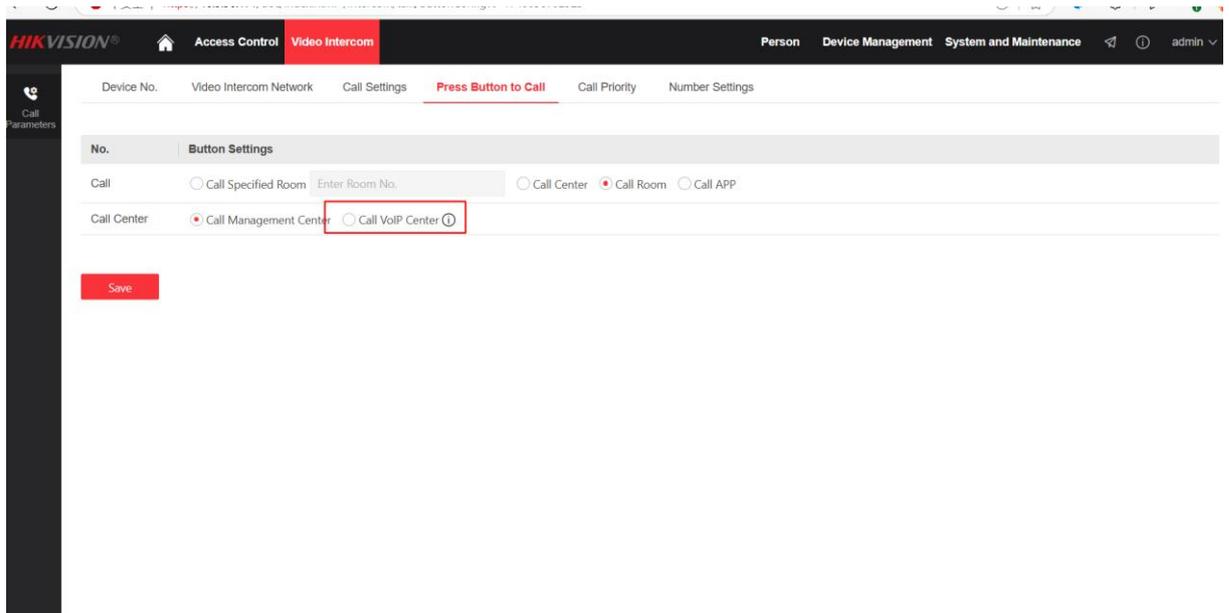


7. Support configuration of SIP call mode



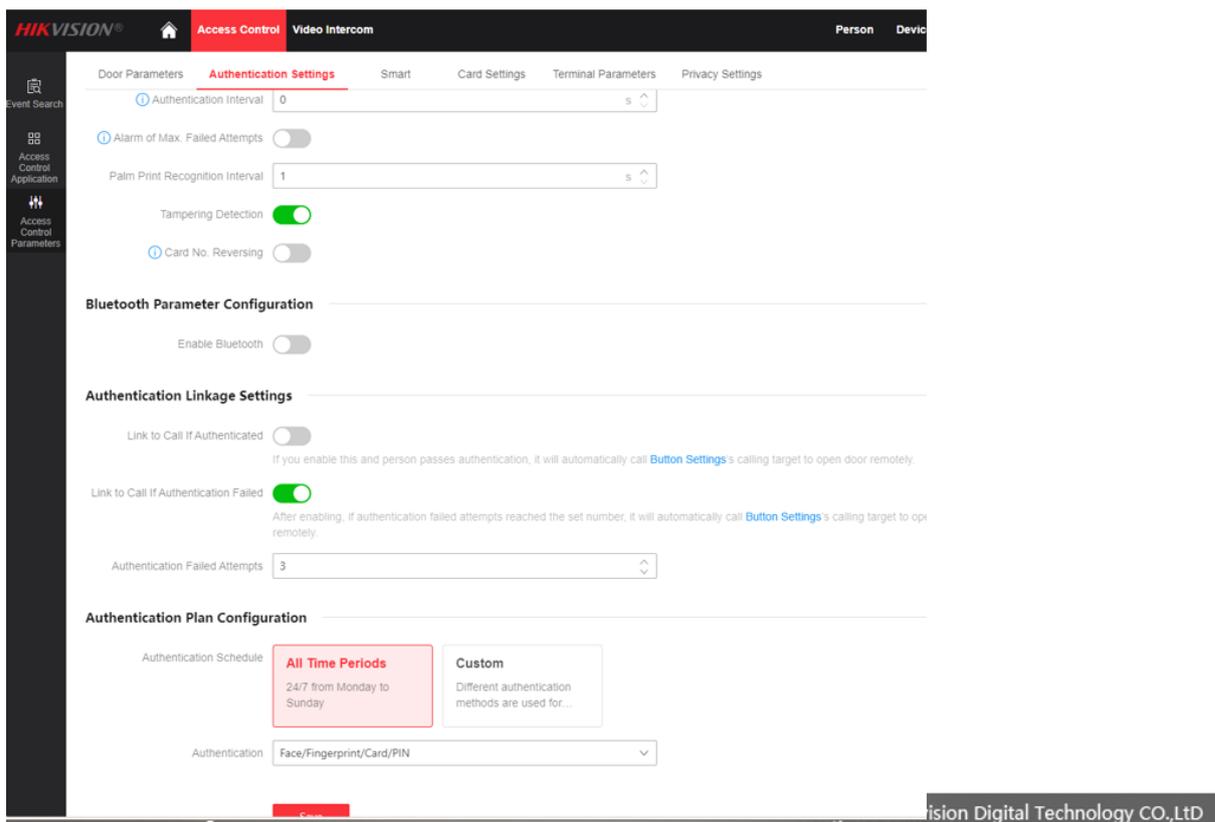
8. Support returning to the home page during a call on the screen
9. Support returning to the call interface after a call timeout
10. Support automatic dialing from the dialing interface
11. Support one-click call to the VoIP center

**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.

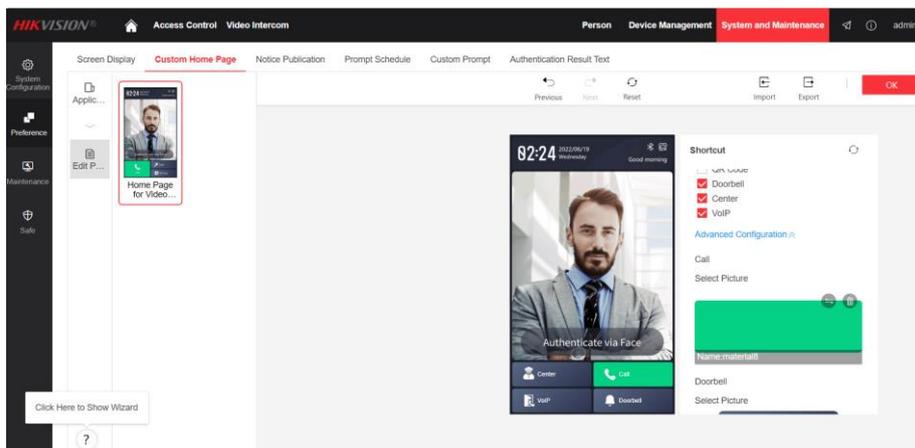


13. The main screen supports one-click call to the VoIP center

14. Support Hik-Connect Team Cloud Intercom

15. 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.

HIKVISION® Access Control Video Intercom Person

Cross-Device Anti-Passback ⓘ **Cross-Device Multi-Door Int...** ⓘ

Enable

Device Type  Set as Main Device  Set as Sub Device

\*Port No.

Interlocking Combination [+](#) Add [🗑](#) Delete [⚙](#) Sub Device(s) Management

No. ⬇	Name	Door	Operation
No data.			

[Save](#)

HIKVISION® Access Control Video Intercom Person

Cross-Device Anti-Passback ⓘ **Cross-Device Multi-Door Int...** ⓘ

Enable  Disable  Set as Main Device  Set as Sub Device

\*Main Device IP Address

\*Main Device Port No.

主设备密码

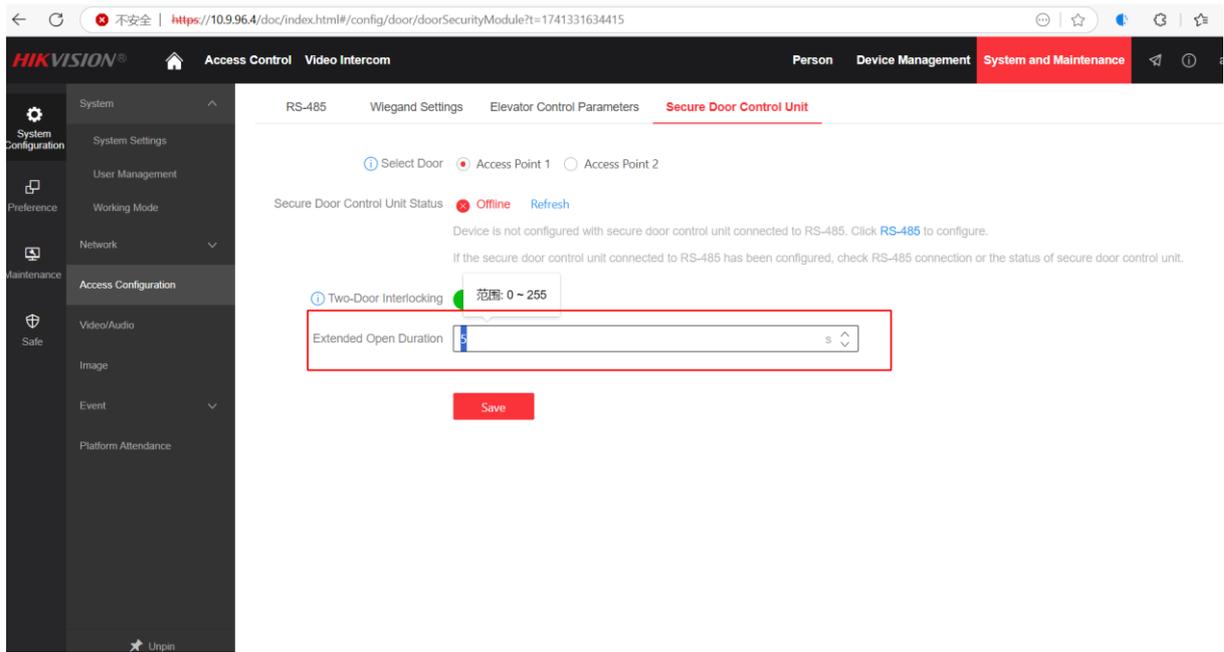
Register Code

Registration Status ✔ Online [Refresh](#)

Door  Select All  Door1  Door2

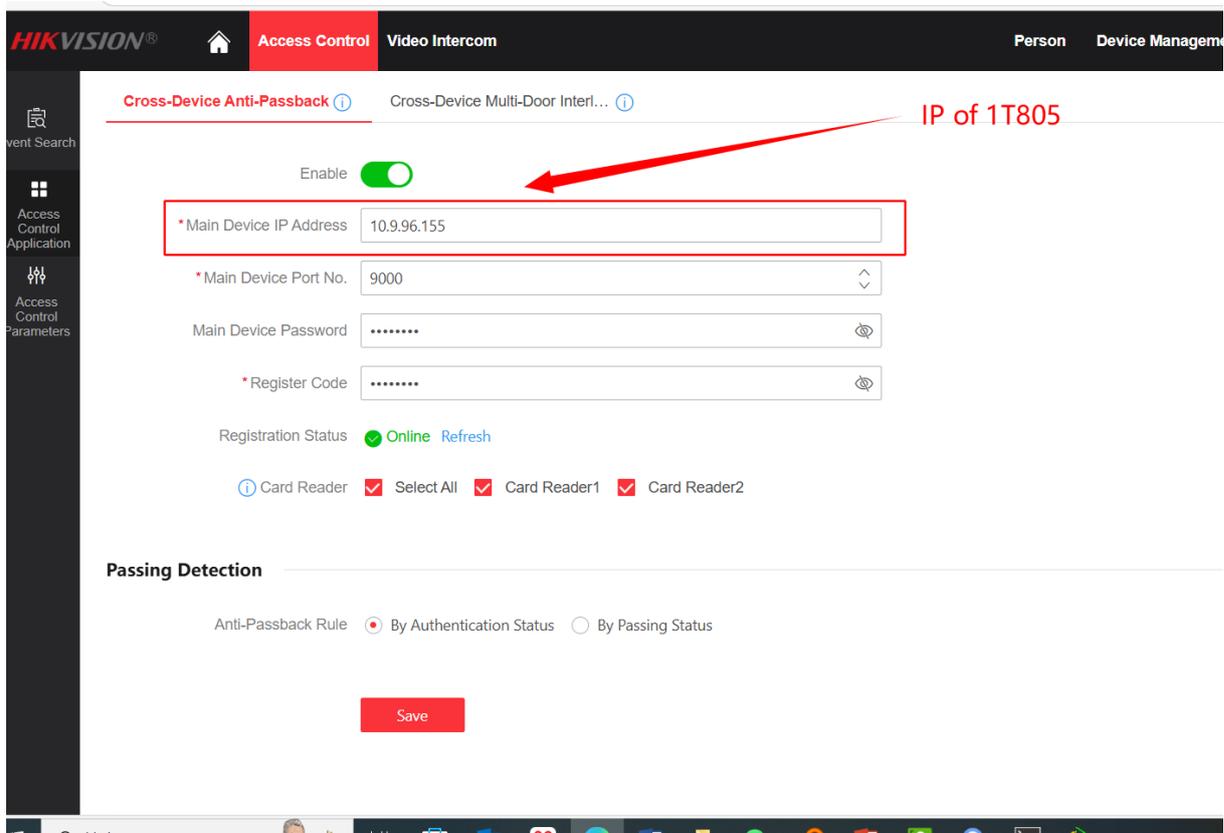
[Save](#)

2. Support multi-door interlock delay for door opening in the device  
Remark: form 0 to 255 seconds.

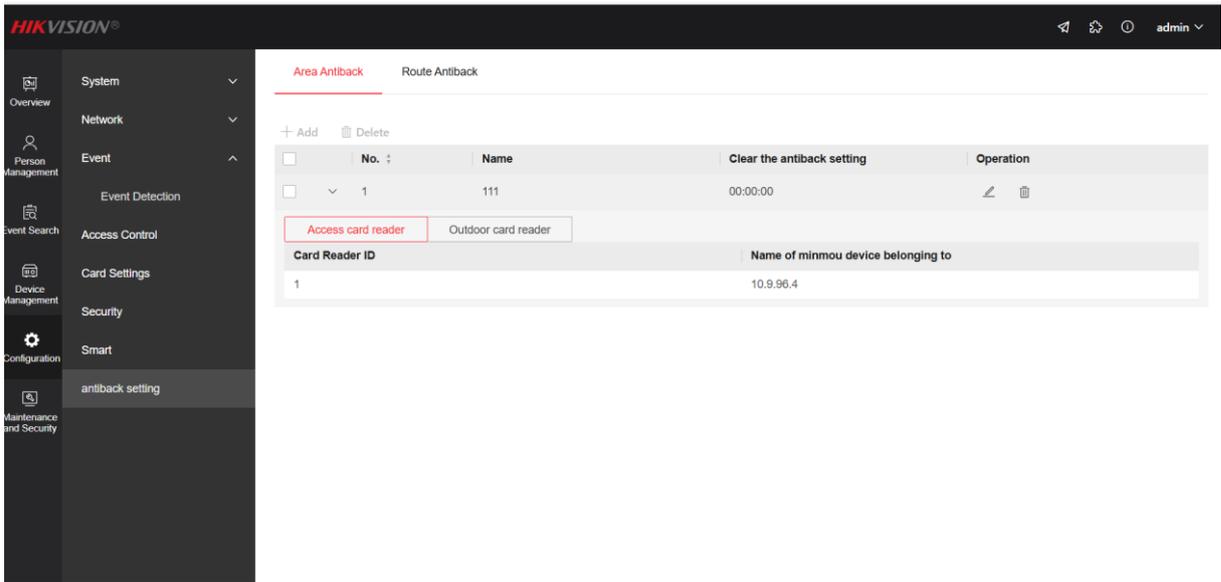


### 3. Support cross-device anti-passback as a slave device configuration

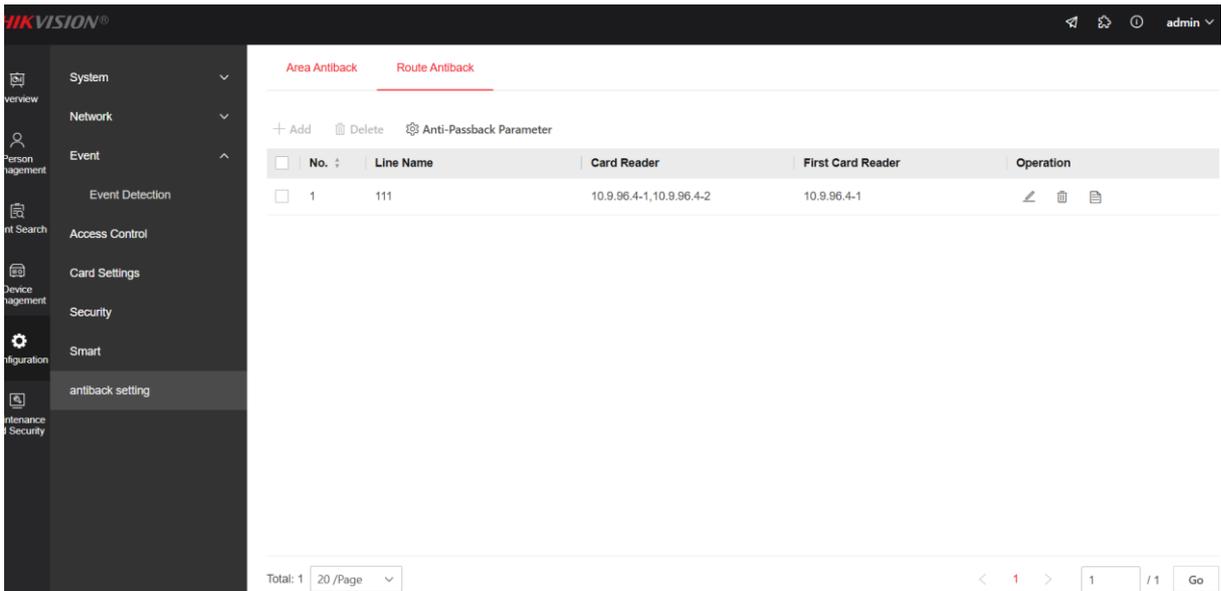
**Remark:** It is paired with a customized version firmware of DS-K1T805FW(V1.8.1 build ) who is used as anti-passback server.



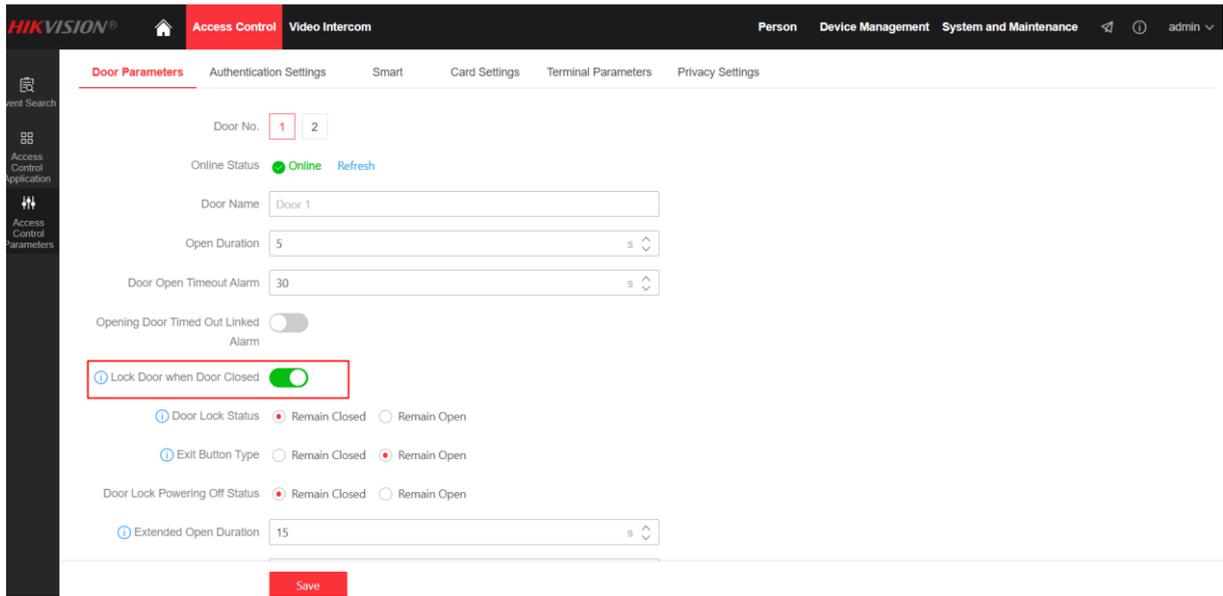
**Area Antiback:** The entry and exit of people in the area must be matched, otherwise it will not be passable.



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

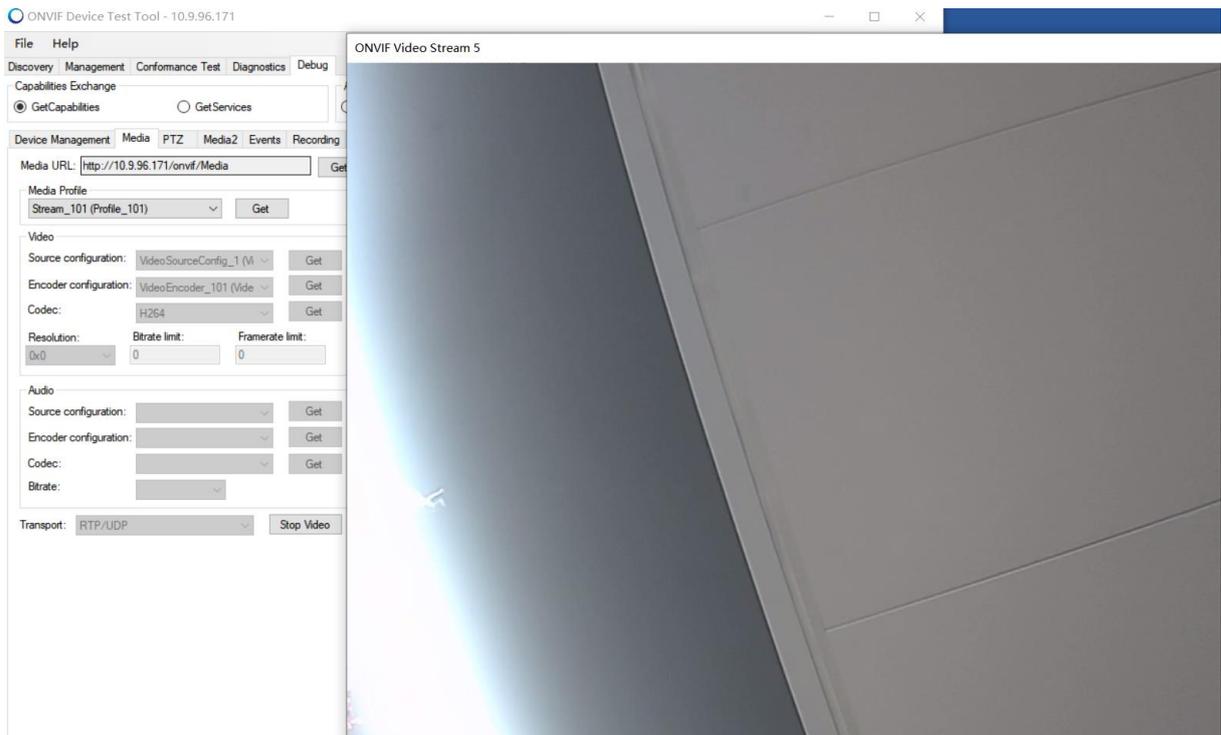


4. Support locking door when door close



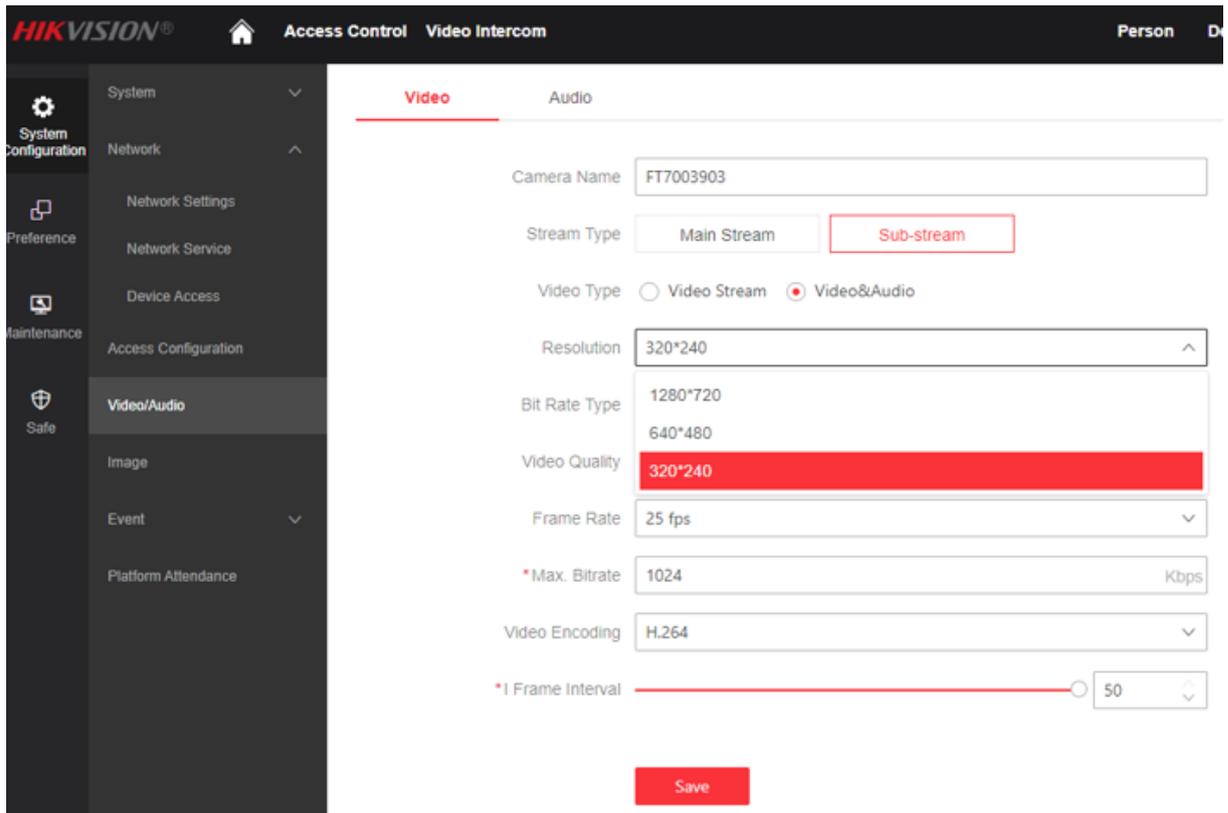
## ● Others

1. Multi-language added: Chinese traditional, French, Turkish
2. Support ONVIF stream fetching



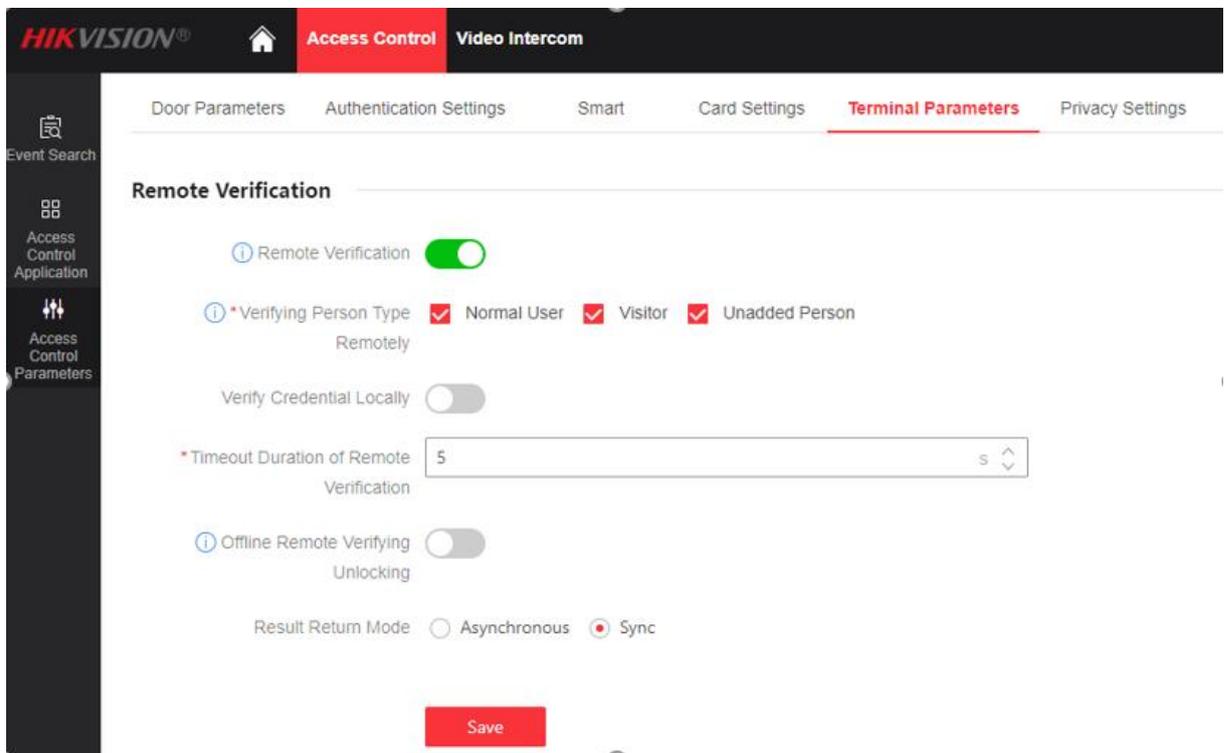
3. Support sub-stream 320x240

**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.



4. Support remote verification based on different person type

**Remark:** You can choose different person type to join the remote verification. The 343 support platform anti-pass back with HikCentral platform by using this configuration.



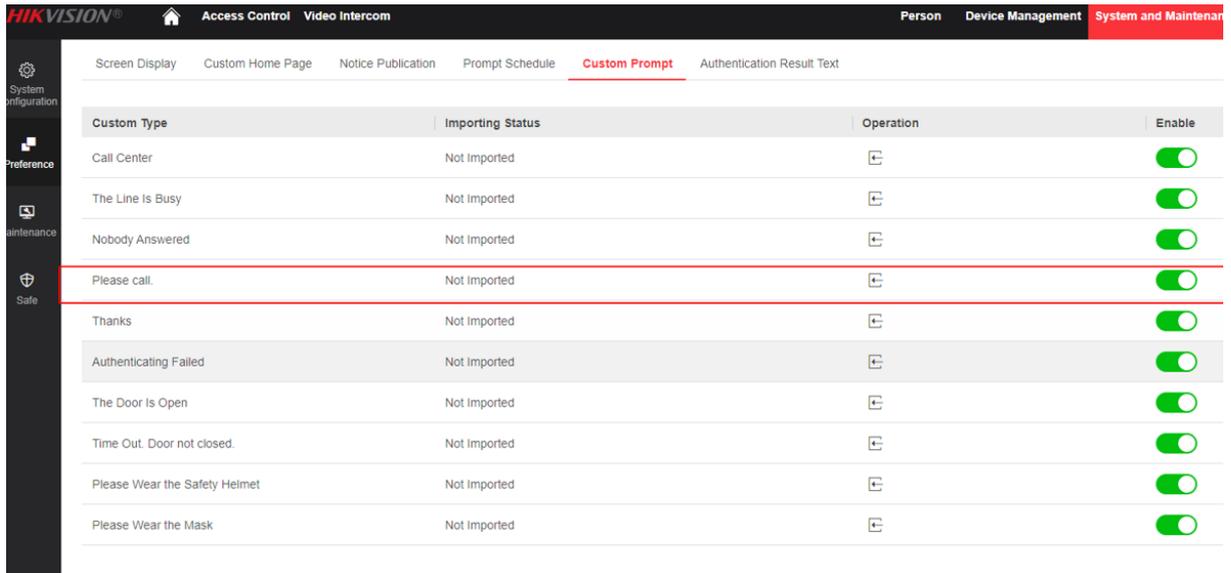
5. Support report device online status by SNMP

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

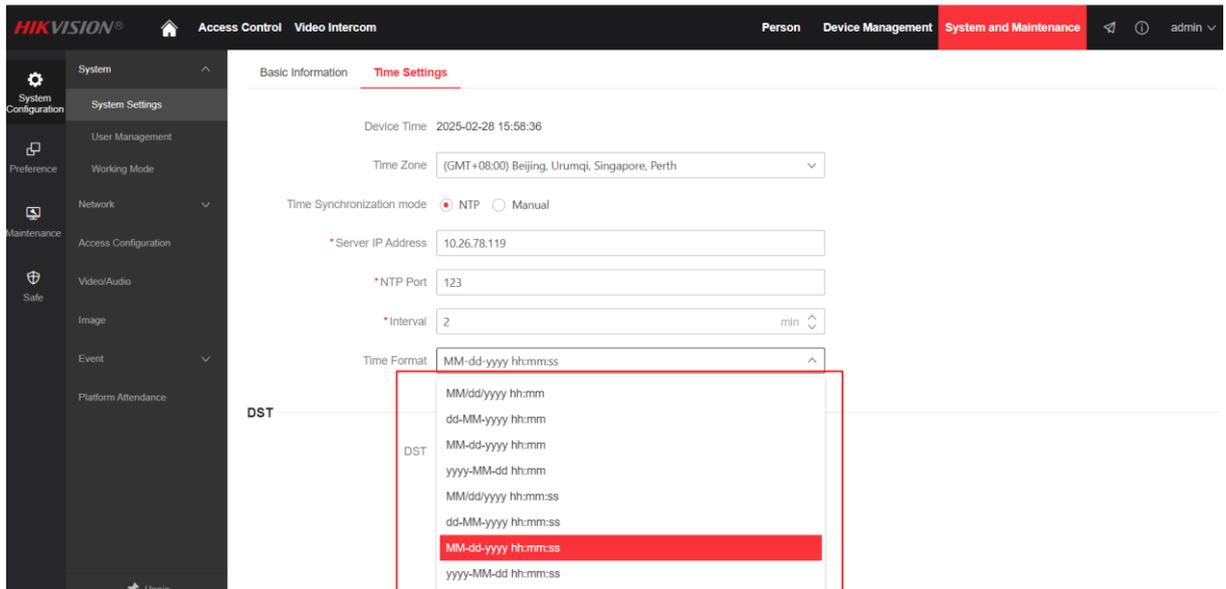
**Remark:** Administrator can edit all configurations of the device. Operator just can edit person. Basic Person can't edit any configuration of the device.

7. Support alarm prompt for door opening timeout
8. Support for connecting to one OSDP card reader

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



## 11. Support configuration of device time display format



## 12. Support automatic screenshot when calling the Hik-Connect app

The screenshot displays the 'Privacy Settings' tab within the 'Access Control' section of the HIKVISION web interface. The 'Authentication Result Display Duration' is set to 5 seconds. The 'Picture Uploading and Storage' section contains several settings, all of which are currently enabled (indicated by green toggle switches):

- 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 these settings, there are two 'Clear' buttons under the heading 'Clear All Pictures in Device':

- Clear Registered Face Pictures
- Clear Captured Pictures

The 'PIN Mode' section at the bottom has two radio buttons: 'Platform-Applied Personal PIN' (selected) and 'Device-Set Personal PIN'. A red 'Save' button is located at the bottom center of the settings area.

13. Modify the detection period of the alarm input

14. 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

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**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-K1T343 Series MinMoe Terminal Release Notes (2023-08-09)

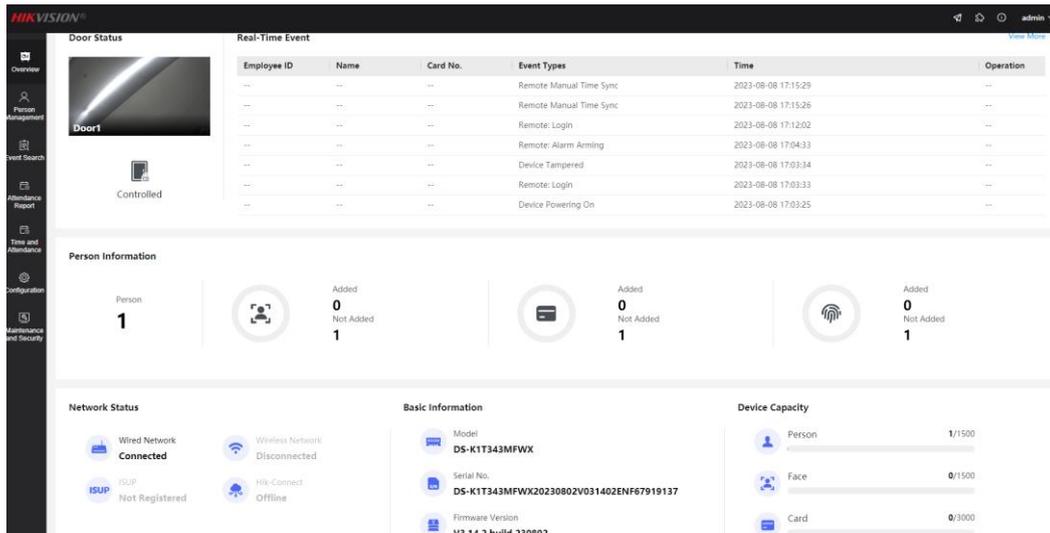
<p><b>Device Model:</b>                  DS-K1T343EX, DS-K1T343EWX                  DS-K1T343EFX, DS-K1T343EFWX                  DS-K1T343MX, DS-K1T343MWX                  DS-K1T343MFX, DS-K1T343MFWX</p> <p><b>Naming Rule:</b>  <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi</p>	<p>Firmware Version</p>	<p>ACS_343_F1pro_EN_NEU_V3.14.2_build230802                  ACS_343_F1pro_EN_STD_V3.14.2_build230802</p>
	<p>Software</p>	<p><b>HikCentral AC:</b>  <a href="https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0-1/">https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0-1/</a></p>

### Reason of Upgrade

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

### Modified Features

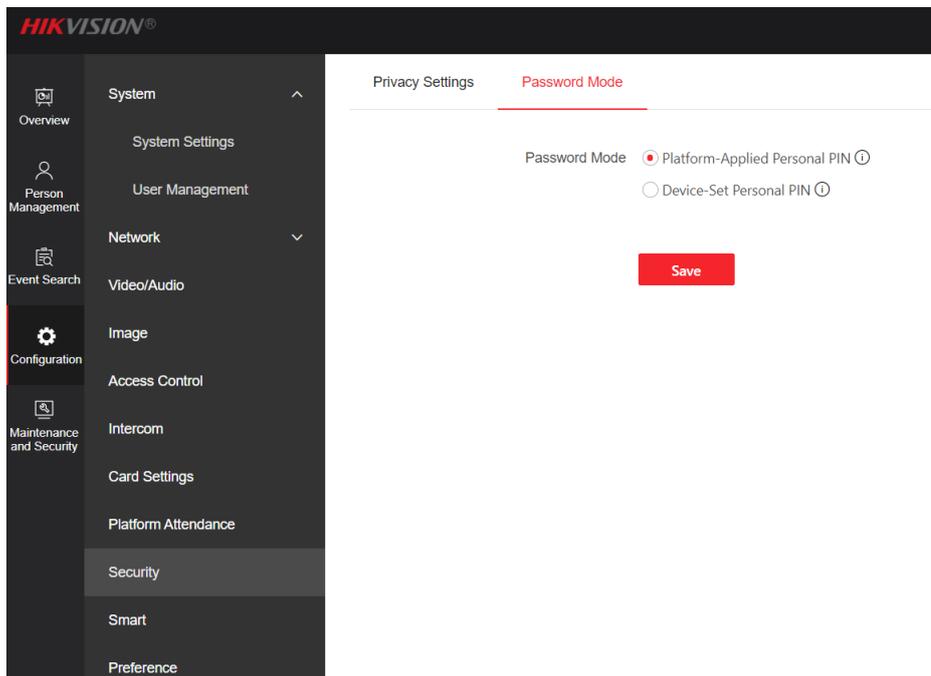
1. User friendly UI design



2. PIN Code supports switching between platform applied personal PIN mode and device set personal PIN mode

Notice :

Open web client, go to Configuration-Security-Password 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.



3. Supports local T&A function.
  - a. Platform attendance will be disabled automatically after local T&A is enabled, vice versa
  - b. Supports set up attendance rule via 3 methods: PC web, mobile web, local menu
  - c. Supports 5 types of attendance report: Summary Report, Abnormal Attendance, Attendance Card, Attendance Record, Shift Schedule
  - d. Supports 3 methods to export attendance report: PC web, mobile web and USB drive

**Schedule**  
Set shift schedule for employees.

**Shift Management**  
Set attendance check period every day, including normal shift and flexible shift.

**Attendance Rule**  
Set early leave and late rule.

**Holiday Management**  
Set holiday time. Attendance can be skipped on holiday.

Schedule Name	Person for Attendance Check	Schedule	Status	Operation
Shift Schedule1	Company	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift1 (09:00-18:00)	In Use	⚙️ 🗑️
Shift Schedule2	Admin. Dept.	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift1 (09:00-18:00)	In Use	⚙️ 🗑️
Shift Schedule3	Sales Dept.	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift1 (09:00-18:00)	In Use	⚙️ 🗑️
Shift Schedule4	Financial Dept.	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift1 (09:00-18:00)	In Use	⚙️ 🗑️

**Attendance Statistics**

Day | Month | 2023-8-8 | All Departments

Attendance Rate: 0%

Present: 0 | Late: 0 | Early Leave: 0 | Missed Check: 0 | Absent: 0

Unit: Total Amount

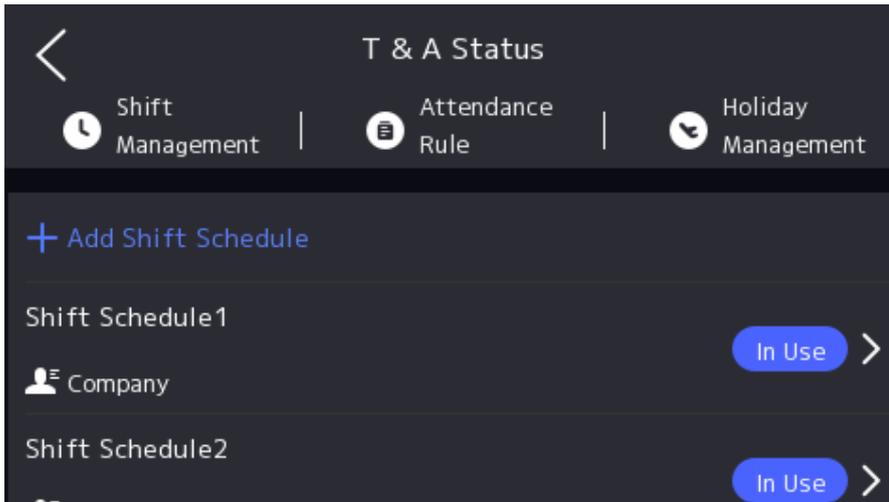
Expected: 0 | Attended Staff Number: 0 | Absent: 0

Total Amount: 0 (0%)

Employee ID | Name | Department

**Menu**

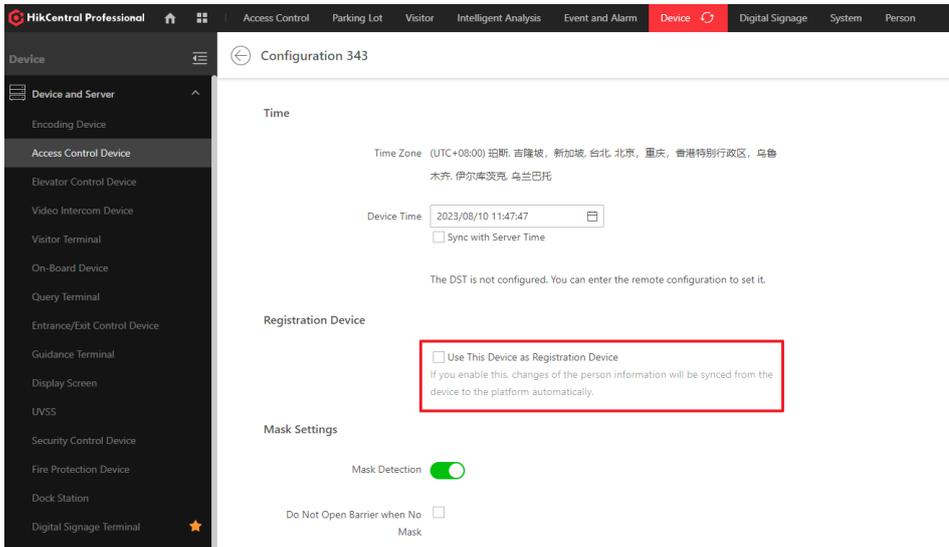
- Department Management
- User
- Authentication Settings
- Local T & A
- Attendance Report
- Platform Attendance
- System Settings
- Data



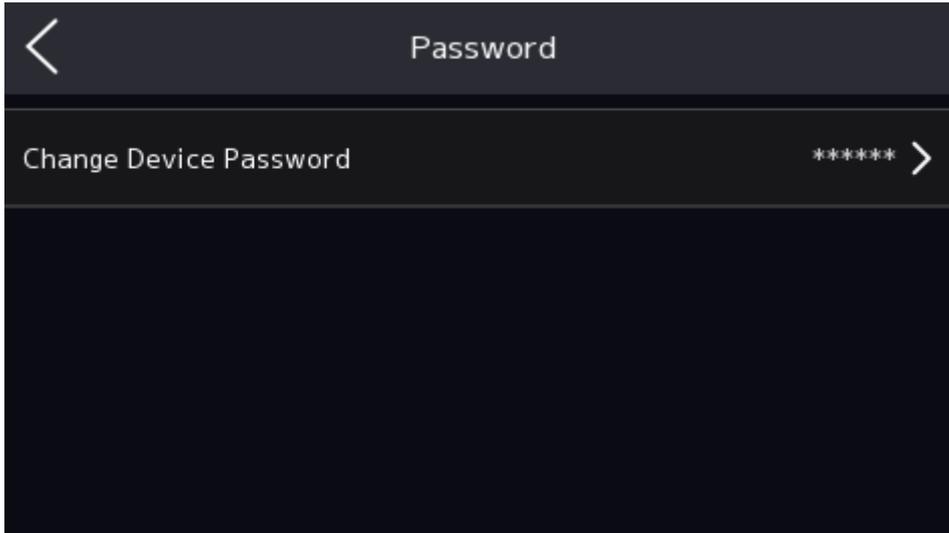
4. Support sync person information to platform automatically

Notice:

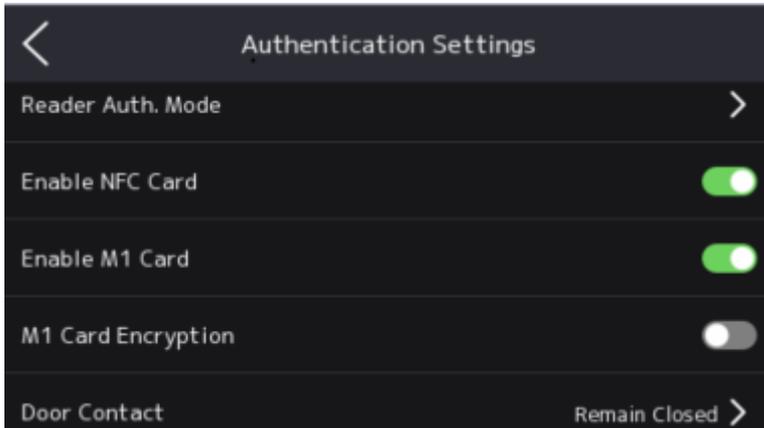
- a. Platform requirement: HCP V2.4.1 or HCAC V2.1.1
- b. Only ISAPI or ISUP protocol supported
- c. Need to set up on platform first. If you enable this function , changes of the person information will be synced from the device to the platform automatically



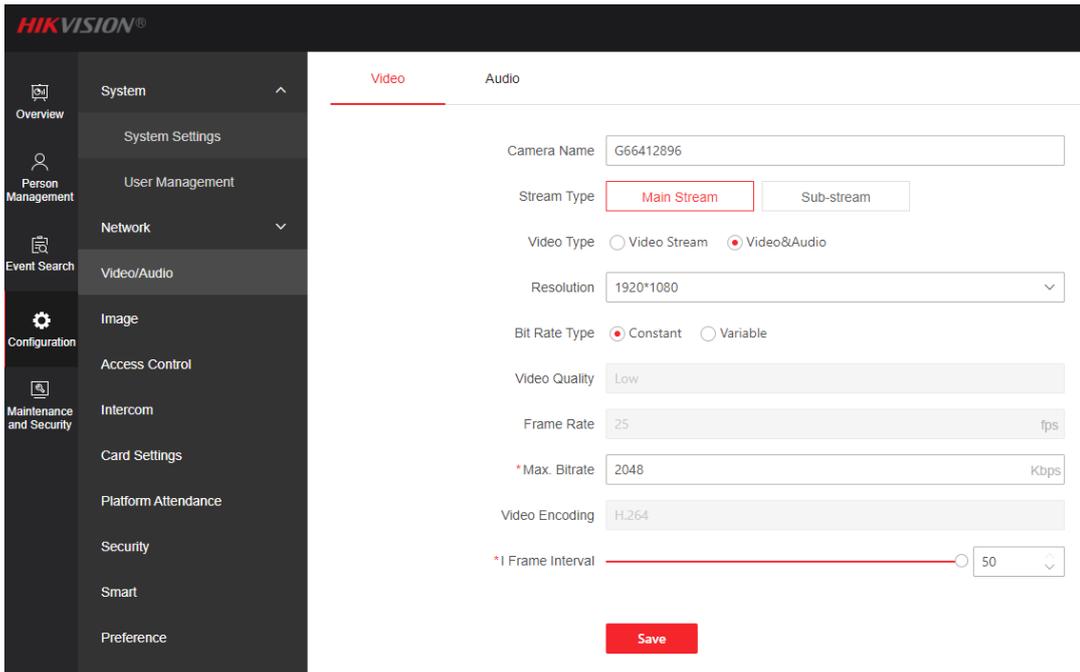
5. Supports modifying device password locally



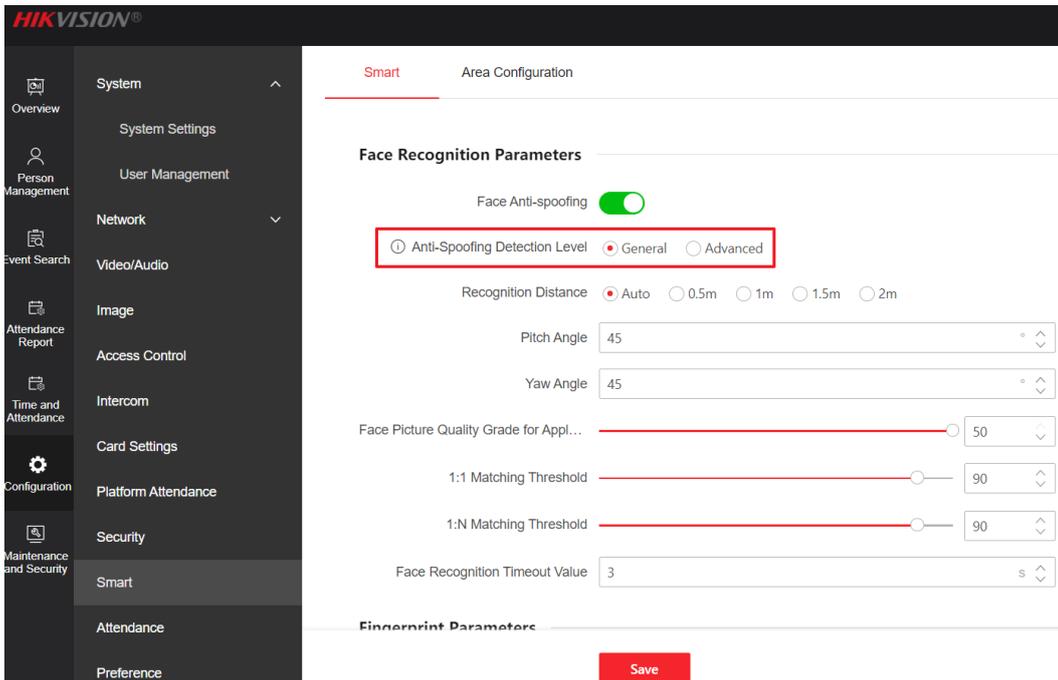
- 6. Supports enable M1 encryption locally

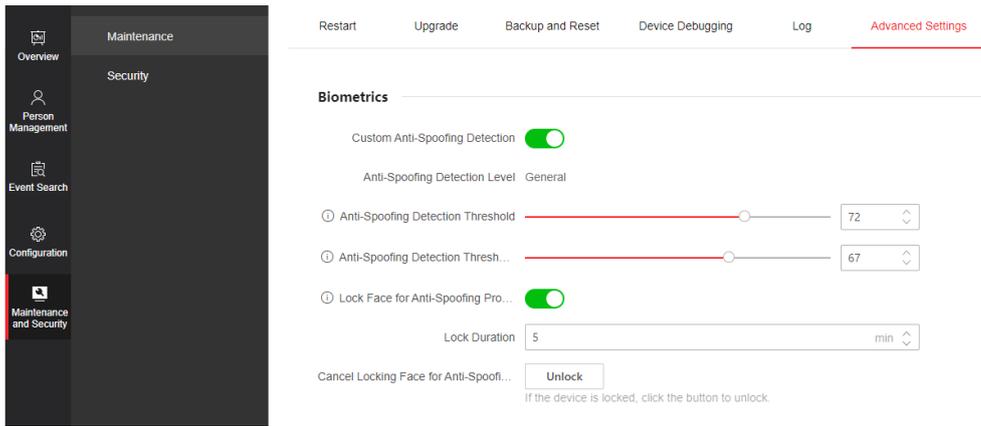


- 7. Support modify I frame interval(NTSC 30 or PAL 25) both on web and local menu.

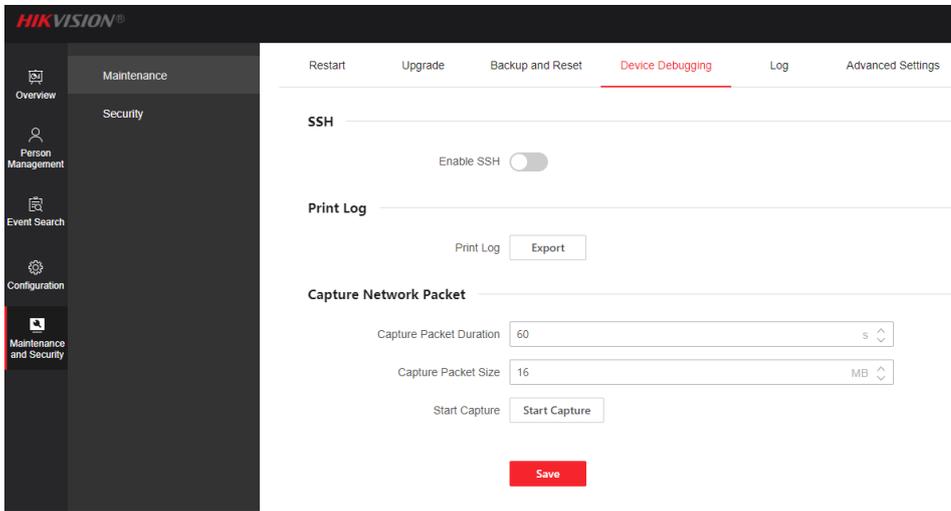


8. Supports 2 anti-spoofing detection level: **General** and **Advanced**. It supports customizing anti-spoofing detection threshold in advanced settings





- 9. Supports QR code 2.0
- 10. Supports capture network packet on web client



## DS-K1T343 Series MinMoe Terminal Release Notes (2023-06-14)

<p><b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX</p>	<p>Firmware Version</p>	<p>ACS_343_F1pro_EN_STD_V3.14.0_build230331 ACS_343_F1pro_EN_NEU_V3.14.0_build230331</p>
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<b>DS-K1T343MFX, DS-K1T343MFWX</b>  <b>Naming Rule:</b> <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

**Reason of Upgrade**

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

**Modified Features**

11. Fixed known security vulnerabilities

for details, please refer:

<https://www.hikvision.com/en/support/cybersecurity/security-advisory/security-vulnerability-in-some-hikvision-access-control-intercom/>

## DS-K1T343 Series MinMoe Terminal Release Notes (2022-04-09)

<b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX  <b>Naming Rule:</b> <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	ACS_343_F1pro_EN_STD_V3.3.4_build220310 ACS_343_F1pro_EN_NEU_V3.3.4_build220310
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

**Reason of Upgrade**

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

**Modified Features**

12. Optimize fingerprint module performance.

## DS-K1T343 Series MinMoe Terminal Release Notes (2022-03-09)

<b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX  <b>Naming Rule:</b> M for M1 card, F for fingerprint, W for Wi-Fi	Firmware Version	ACS_343_F1pro_EN_STD_V3.3.4_build220210 ACS_343_F1pro_EN_NEU_V3.3.4_build220210
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

**Reason of Upgrade**

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

**Modified Features**

- Fix the problem that the device cannot wake up occasionally after running for a long time;

## DS-K1T343 Series MinMoe Terminal Release Notes (2022-02-09)

<b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX	Firmware Version	<b>ARM :</b> ACS_343_F1pro_EN_STD_V3.3.4_build211229 ACS_343_F1pro_EN_NEU_V3.3.4_build211229
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<b>DS-K1T343MFX, DS-K1T343MFWX</b>  <b>Naming Rule:</b> <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	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. Update the driver to be compatible with new fingerprint materials;
2. Fix some ISAPI protocol bugs

## DS-K1T343 Series MinMoe Terminal Release Notes (2021-10-23)

<b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX  <b>Naming Rule:</b> <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	<b>ARM</b> : ACS_343_F1pro_EN_STD_V3.3.4_build211022 ACS_343_F1pro_EN_NEU_V3.3.4_build211022
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

**Reason of Upgrade**

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

**Modified Features**

3. Update the driver to be compatible with new fingerprint materials;

## DS-K1T343 Series MinMoe Terminal Release Notes (2021-09-17)

<b>Device Model:</b> DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX  <b>Naming Rule:</b> M for M1 card, F for fingerprint, W for Wi-Fi	Firmware Version	<b>ARM</b> : ACS_343_F1pro_EN_STD_V3.3.4_build210812 ACS_343_F1pro_EN_NEU_V3.3.4_build210812
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

### Reason of Upgrade

New model DS-K1T343 series MinMoe terminal first time released.

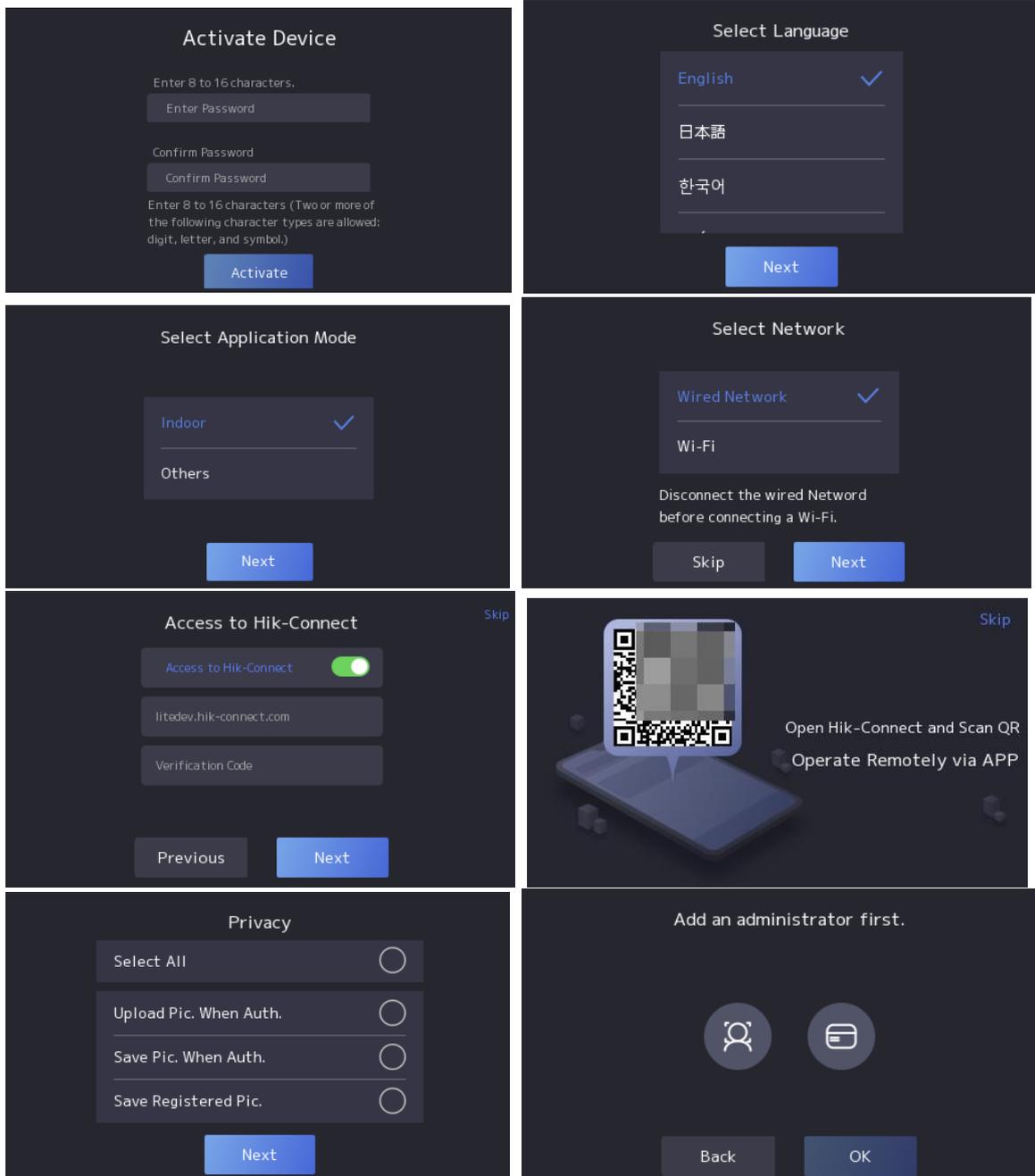


### New Features

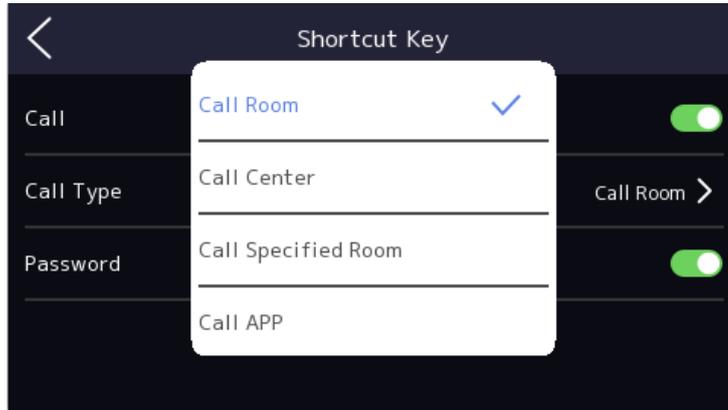
- 4.3 inch capacitive touch screen with large screen ratio, 2 MP wide-angle dual-lens camera with WDR feature;
- Connect external card reader or access controller via RS485 protocol; support Wiegand26/34 output
- Face recognition duration < 0.2 s/User; face recognition accuracy rate ≥ 99%
- Face, card,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

	Face	Card	Fingerprint	Event	Wi-Fi
DS-K1T343EX	1,500	3,000(EM)	Not support	150,000	Not support
DS-K1T343EWX			Not support		Support
DS-K1T343EFX			1,500		Not support
DS-K1T343EFWX			1,500		Support
DS-K1T343MX		3,000(M1)	Not support		Not support
DS-K1T343MWX			Not support		Support
DS-K1T343MFX			1,500		Not support
DS-K1T343MFWX			1,500		Support

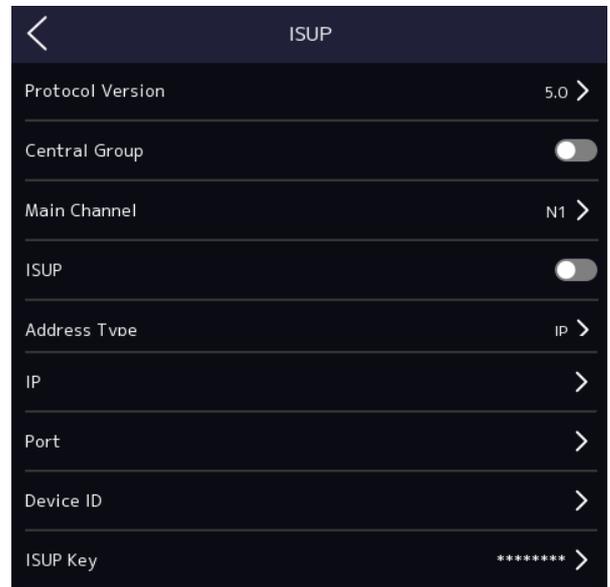
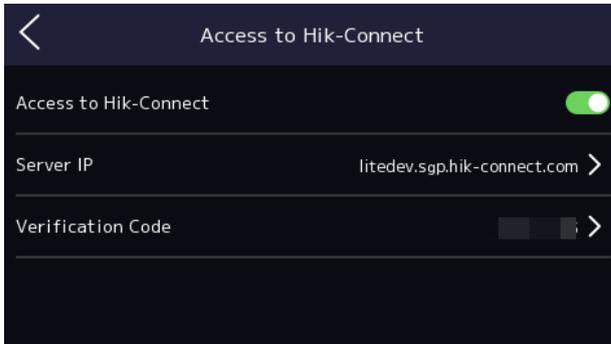
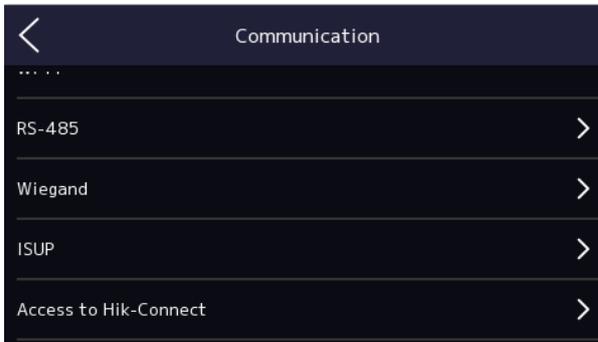
5. **ISAPI** protocol makes it easier for integration with third-party software;
6. Remote video intercom and unlock door from **Hik-Connect App** on your mobile/Pad
7. Support **Hik-ProConnect** platform to realize Cloud access control and time attendance management
8. Support **ISUP 5.0** protocol 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



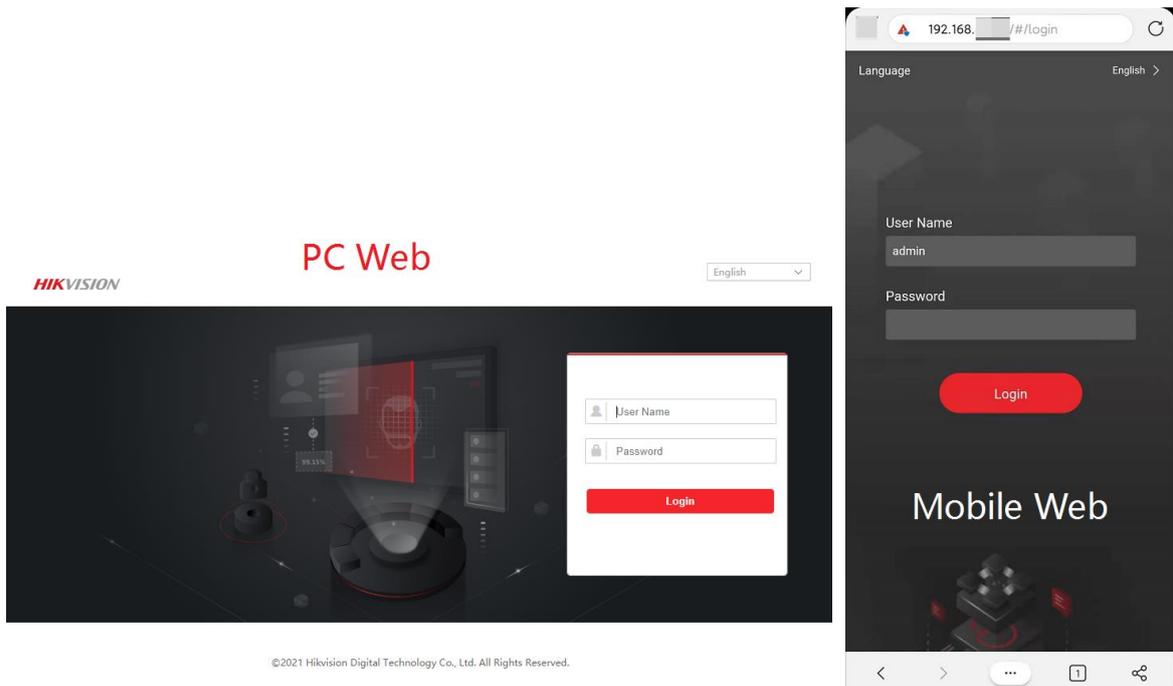
10. Self-defined shortcut key (Call Room, Call Center, Call Specified Room, Call App and Password) on main interface;



11. Configure ISUP and Hik-Connect parameter in device local menu



12. Login and configure device in web client via **PC/mobile browser**;(mobile phone should connect same network with device)



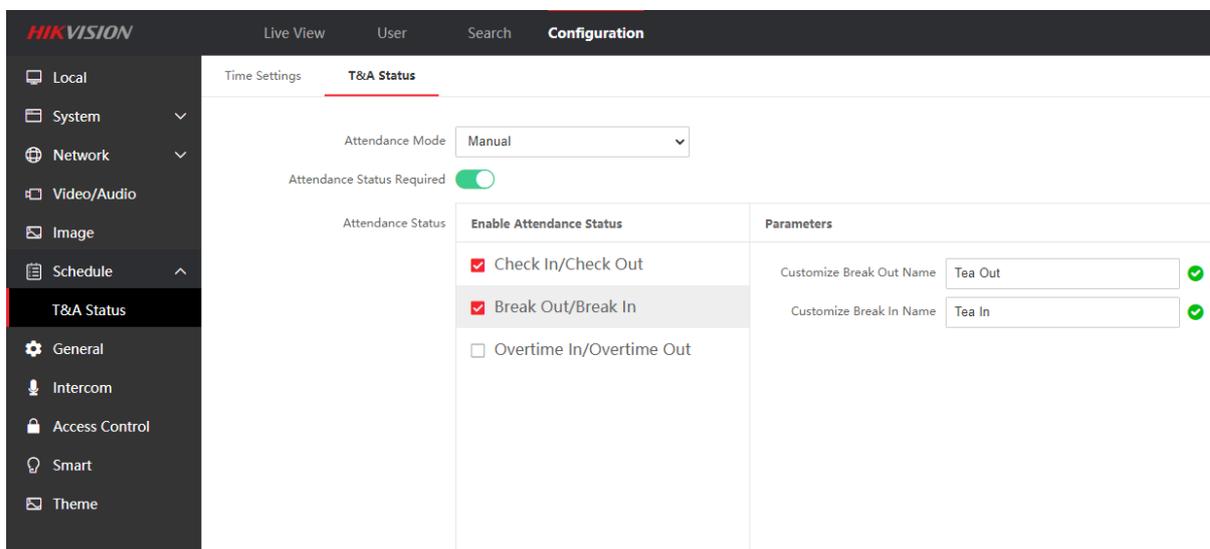
13. Self-defined voice prompt (TTS function, English only) and screen display info (user ID, name and face picture) for authentication;

#### 14. Network

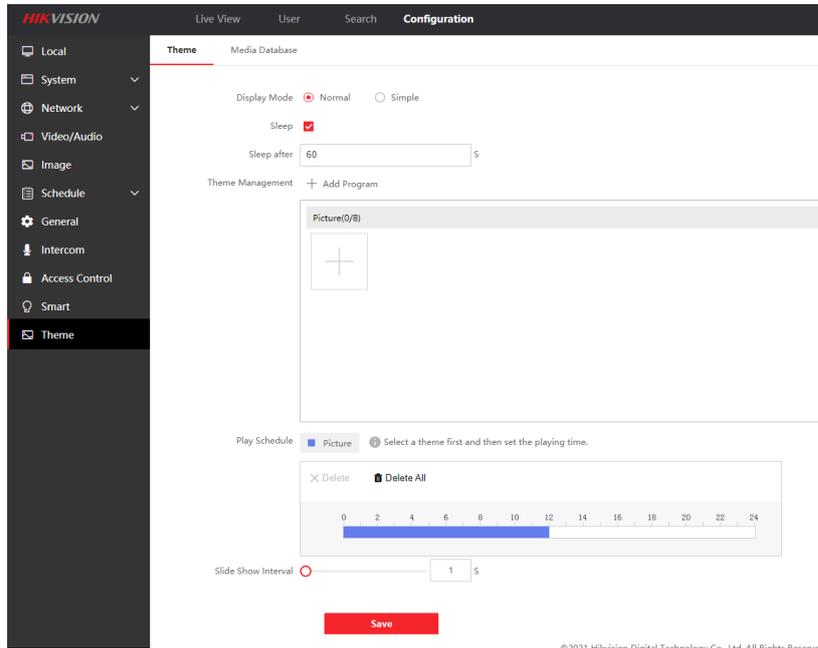
Support TCP/IP, adapt to LAN(network) or WAN(ISUP 5.0) network environment

#### 15. Function

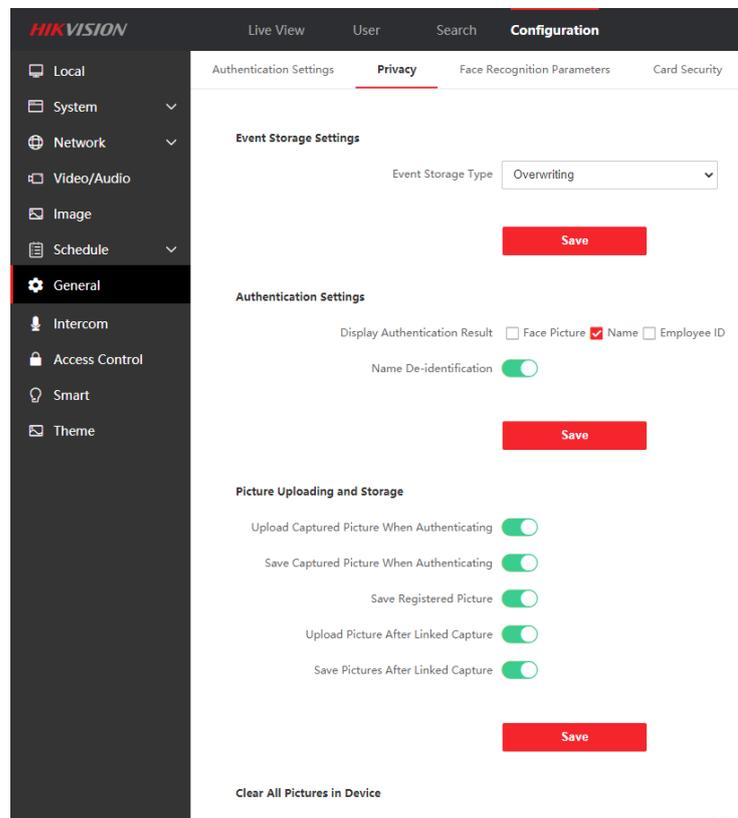
- a. Support face mask recognition.
- b. **Video intercom** with indoor station, master station and platform;
- c. Multiple verification modes: Face, card, fingerprint(-F only), PIN code;
- d. Face recognition distance ranges from 0.3 to 1.5 meters;
- e. Support check in/check out/break out/break in/overtime in/overtime out attendance status, and self-define status name;



- f. Support custom standby background image (max 8 pictures)



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



- h. Supports face recognition in low illumination
- i. Supports live view on the platform, H.264

**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.
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