

DS-K1T670 Series MinMoe Terminal

Release Notes (2025-09-13)

Device Model: DS-K1T670MX, DS-K1T670MX-WE, DS-K1T670MX-WB, DS-K1T670MX-QR, DS-K1T670MFWX, DS-K1T670MWX-QR, DS-K1T670MWX-WEQR, DS-K1T670MWX-WBQR Modules (optional): DS-KAB670-WB, DS-KAB670-WE Naming Rule: M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	ARM: ACS_670_F1plus_EN_NEU_V4.39.200_build250913 ACS_670_F1plus_EN_STD_V4.39.200_build250913 Extension Module: DS-KAB670-QR DS-KAB670-QR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V 1.0.1_build250214 Remote Key fob DS-PC2002-WECKV / DS-PC2002-WBCKV 191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/

Optimizations

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

DS-K1T670 Series MinMoe Terminal

Release Notes (2024-03-20)

Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR Modules (optional): DS-KAB670-WB, DS-KAB670-WE Naming Rule: M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	ARM: ACS_670_F1plus_EN_NEU_V4.39.20_build250211 ACS_670_F1plus_EN_STD_V4.39.20_build250211 Extension Module: DS-KAB670-QR DS-KAB670-QR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM_V 1.0.1_build250214 Remote Key fob DS-PC2002-WECKV / DS-PC2002-WBCKV 191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/

Optimizations

Optimize the firmware to improve production efficiency

DS-K1T670 Series MinMoe Terminal

Release Notes (2024-02-10)

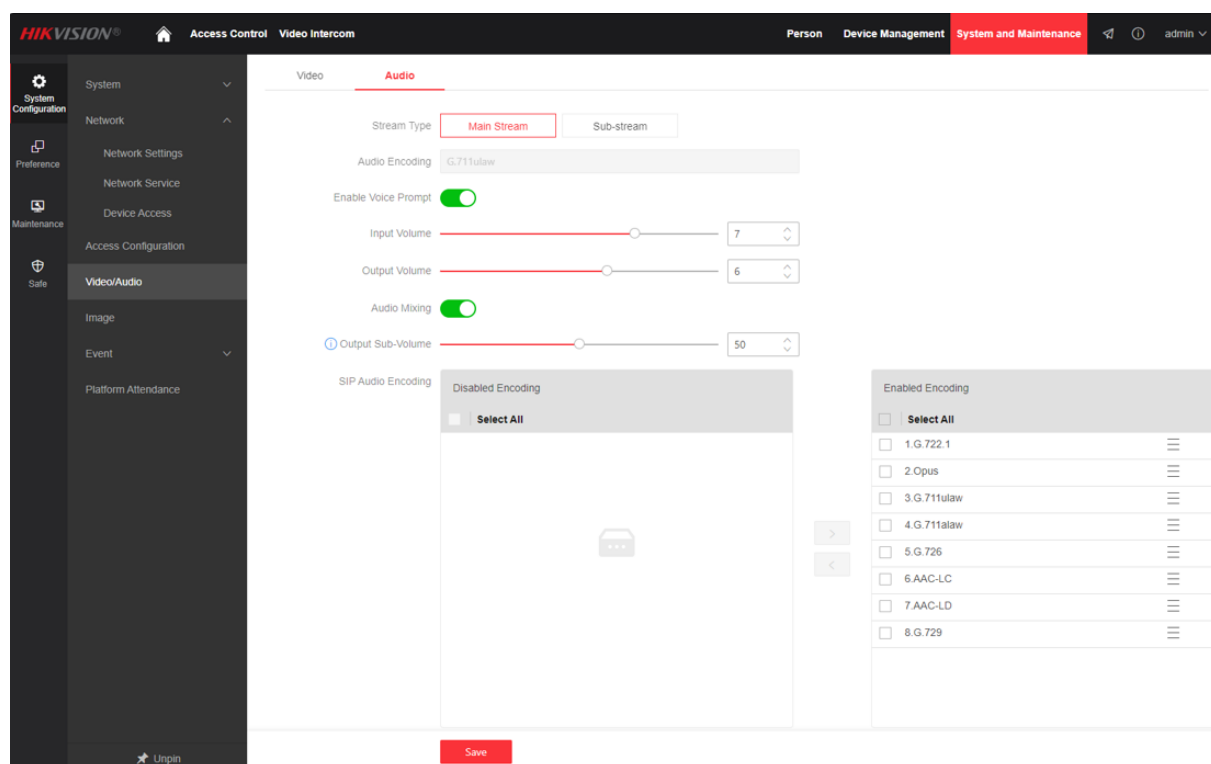
Device Model: DS-K1T670MX, DS-K1T670MX-QR DS-K1T670MFWX, DS-K1T670MWX-QR Modules (optional): DS-KAB670-WB, DS-KAB670-WE Naming Rule: M for M1 card, W for Wi-Fi F for Fingerprint, QR for QR code WE for 868MHz, WB for 433MHz	Firmware Version	ARM: ACS_670_F1plus_EN_NEU_V4.39.0_build250121 ACS_670_F1plus_EN_STD_V4.39.0_build250121 Extension Module: DS-KAB670-QR DS-KAB670-QR ACS_DSKAB673_DSK1T670_M5Plus_GML_GM _V1.0.1_build241105 Remote Key fob DS-PC2002-WECKV / DS-PC2002-WBCKV
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		191J0-U11-PC2002-WE_V1.0.1_241105 191J1-U11-PC2002-WB_V1.0.1_241105
	Platform Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-1/

New Features

● Video intercom

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



5. Modify the maximum call duration for intercom 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

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

Call Priority	Call Type	Ring Duration
Priority1	☒ Platform ☒ Indoor Station ☐ Telephone Gateway	60 s
Priority2	☐ Platform ☐ Indoor Station ☒ Telephone Gateway	60 s
Priority3	☐ Platform ☐ Indoor Station ☐ Telephone Gateway	60 s

The higher the level, the earlier the device to be called. After the call time is over, the next level of call is triggered.

Save

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.

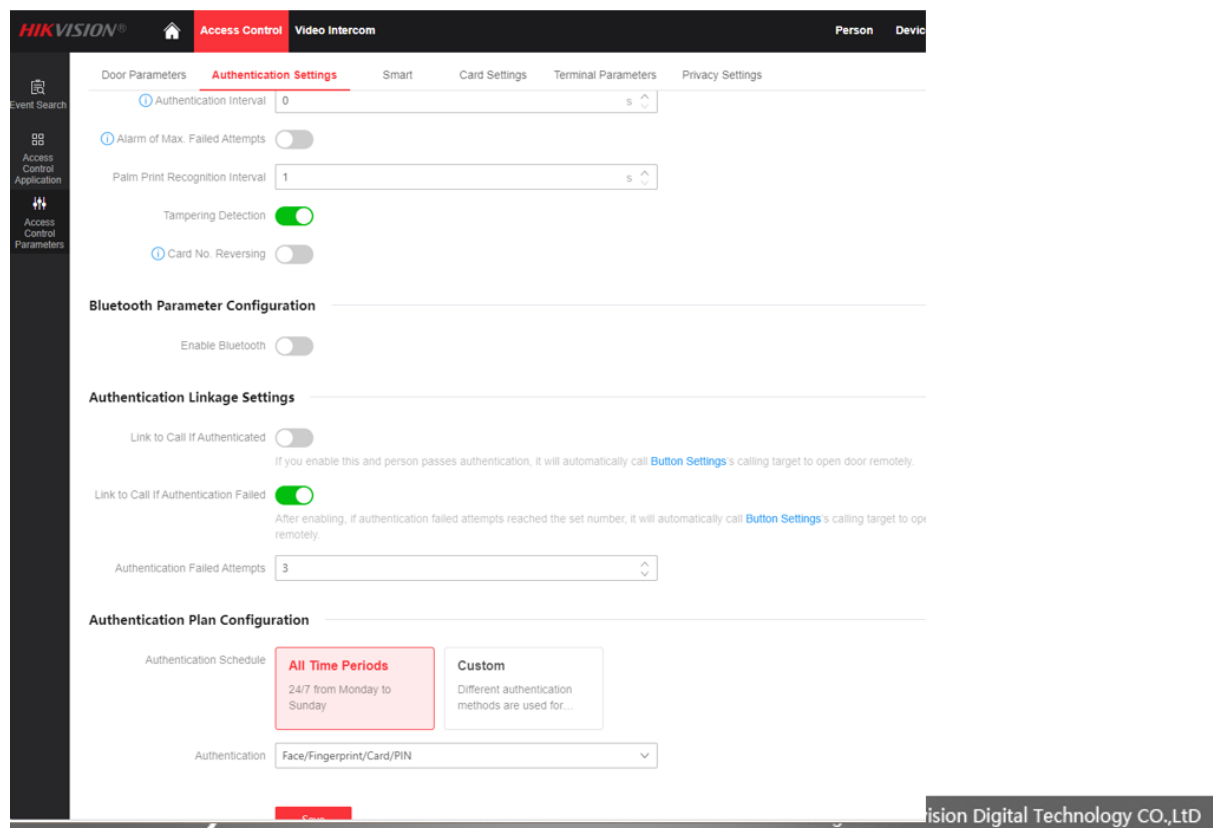
Device No. Video Intercom Network Call Settings **Press Button to Call** Call Priority Number Settings

No.	Button Settings
Call	☐ Call Specified Room Enter Room No. ☐ Call Center ☒ Call Room ☐ Call APP
Call Center	☒ Call Management Center ☐ Call VoIP Center

Save

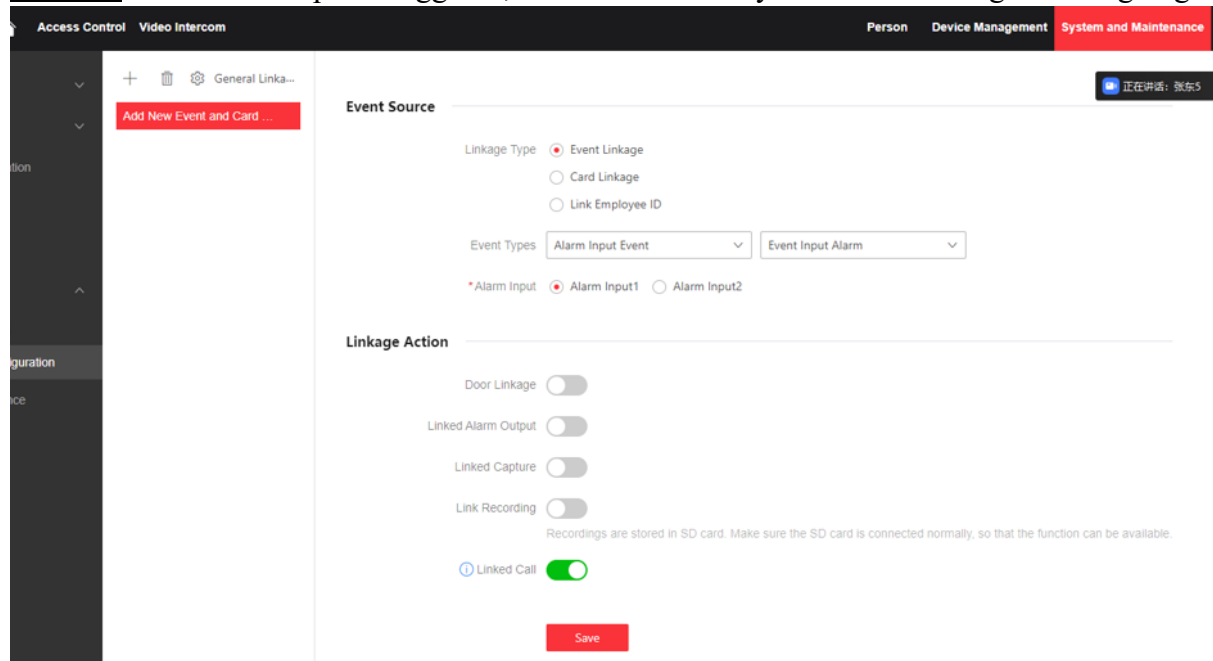
12. Support linkage calls for authentication failure

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



13. Support alarm input linkage calls

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



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

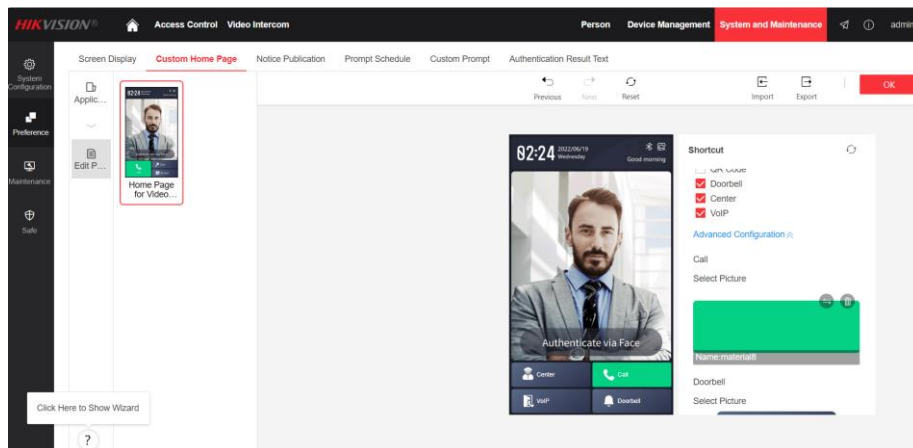
Remark: DS-KAB670-WE and DS-KAB670-WB can be connected by 670 USB-typeC. VoIP can be called when you push the calling button on DS-KAB670-WE or DS-KAB670-WB.

15. Support Hik-Connect Team Cloud Intercom

16. Support intercom mode configuration

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

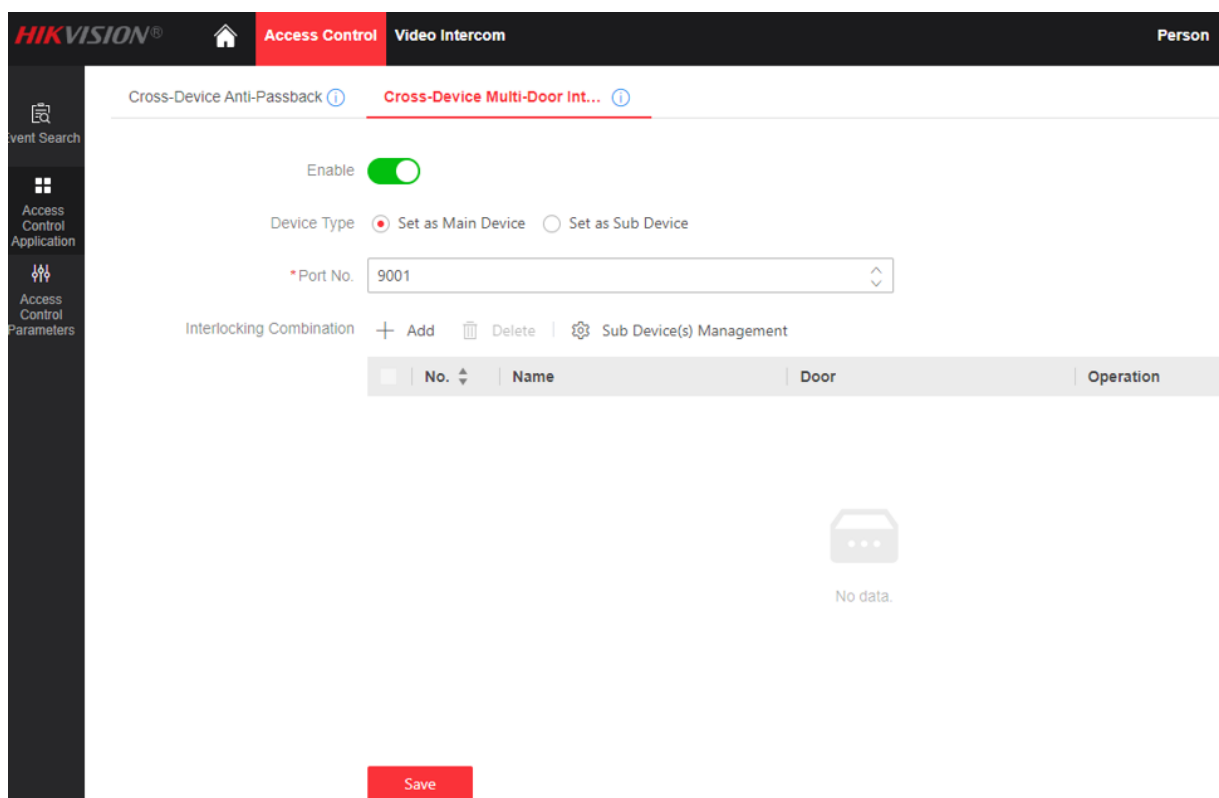
customized.



● Access control

1. Support multi-door interlock between devices

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



HIKVISION® Access Control Video Intercom

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

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

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.

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

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

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

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 10.9.96.155

* Main Device Port No. 9000

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

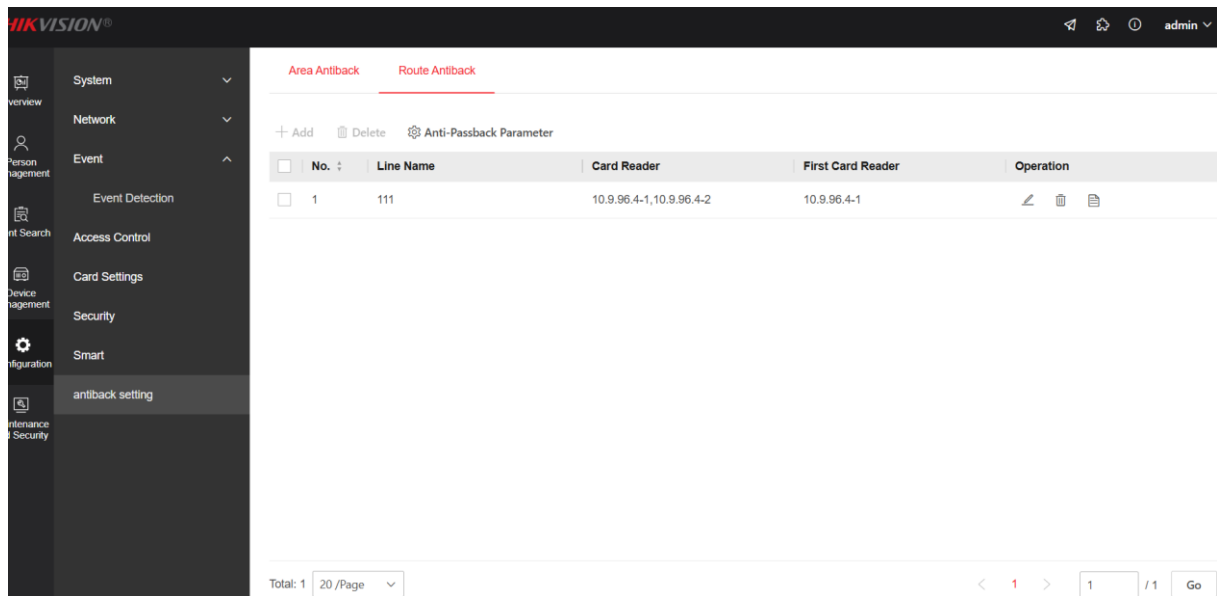
+ Add Delete

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

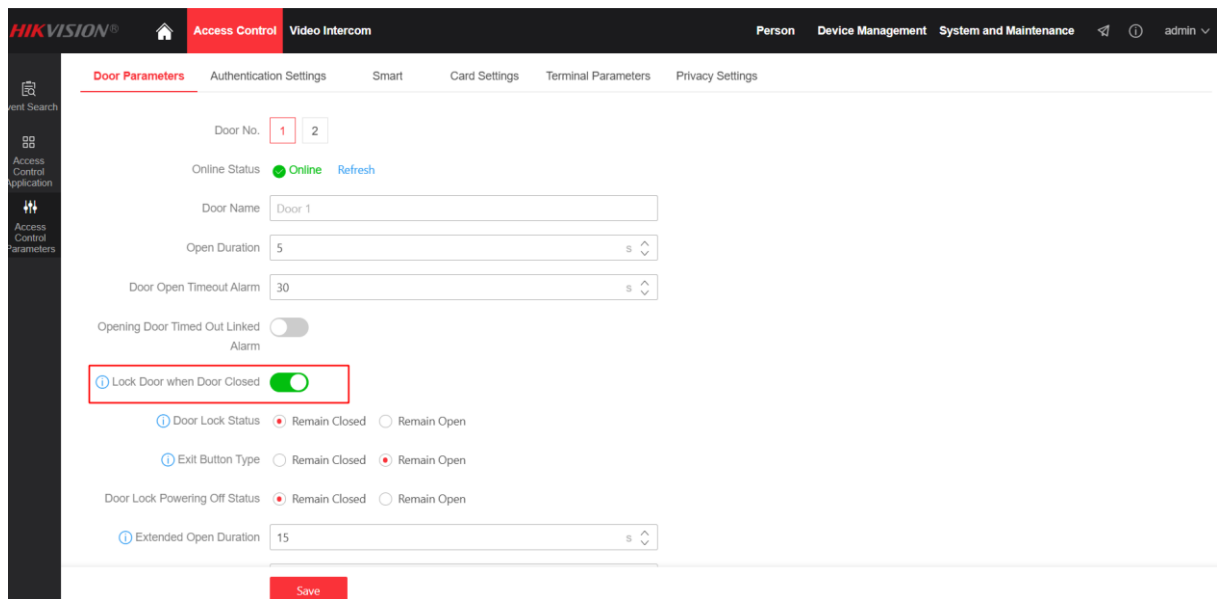
Access card reader Outdoor card reader

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.

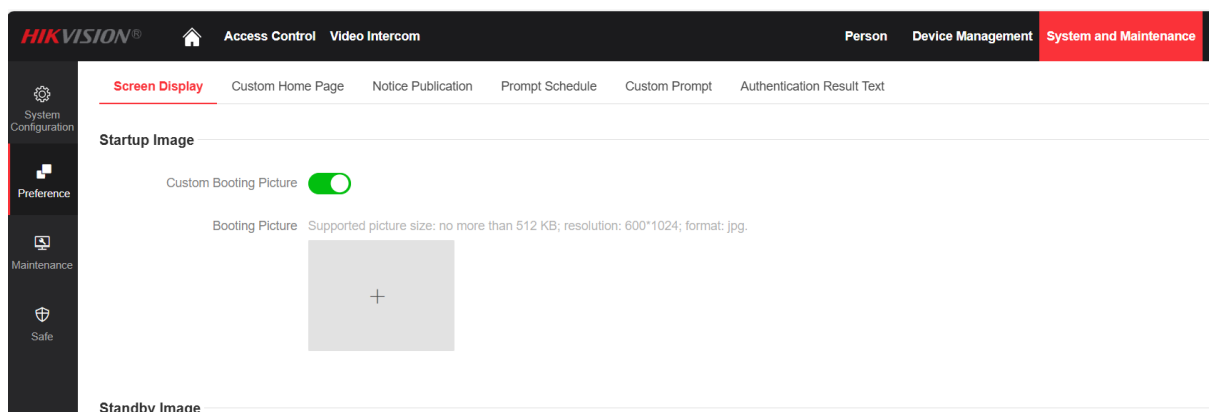


4. Support locking door when door close

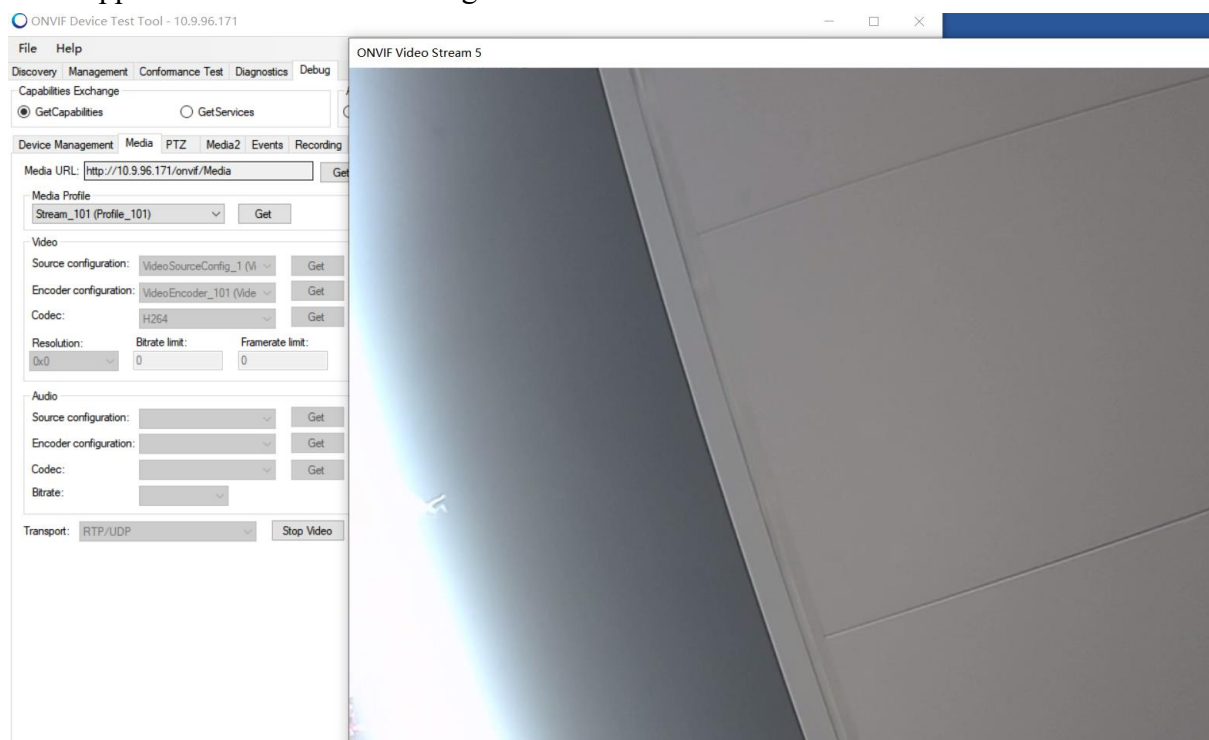


● Others

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 670 support platform anti-pass back with HikCentral platform by using this configuration.

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Access Control Video Intercom

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

Event Search

Access Control Application

Access Control Parameters

Remote Verification

① Remote Verification ☒

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

Remotely

Verify Credential Locally ☐

*Timeout Duration of Remote Verification s

① Offline Remote Verifying Unlocking ☐

Result Return Mode ☐ Asynchronous ☒ Sync

Save

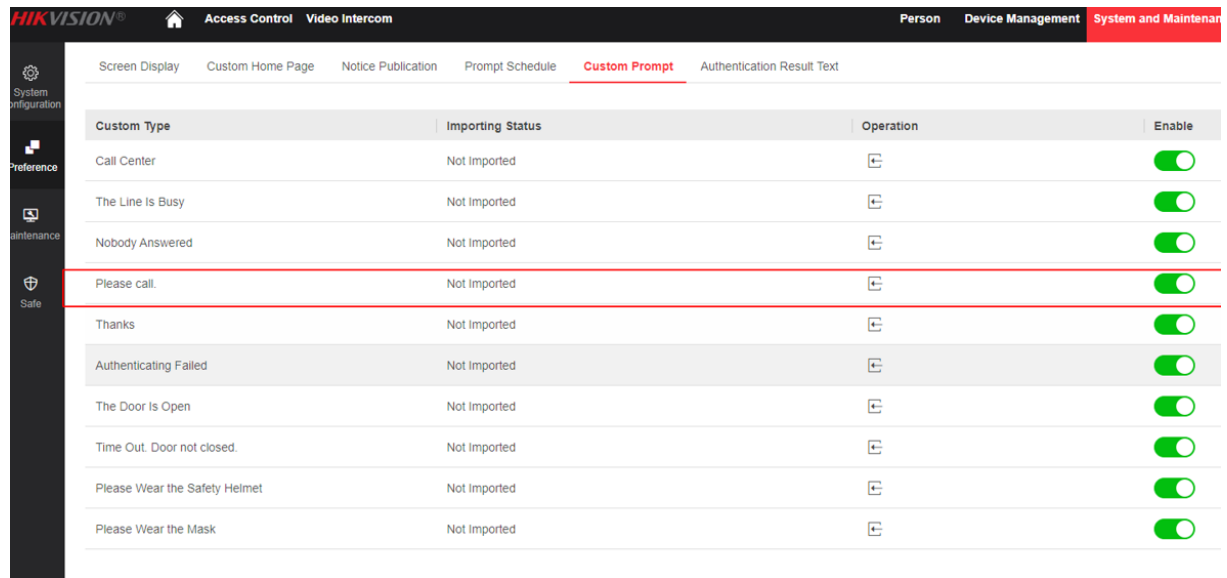
7. Support report device online status by SNMP

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

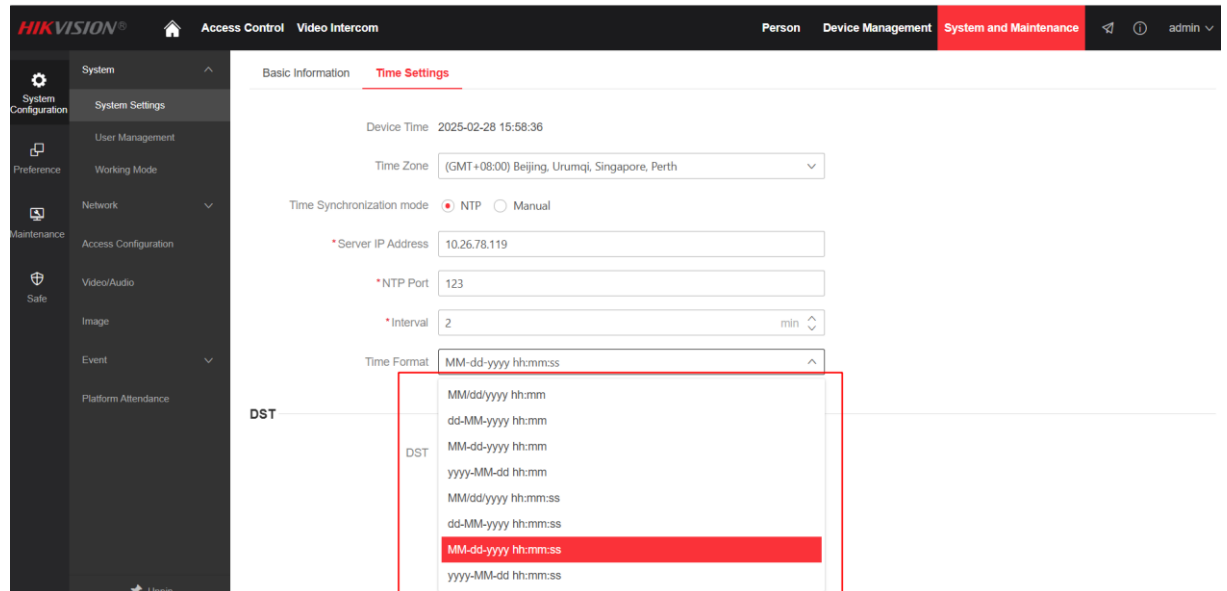
Remark: Administrator can edit all configurations of the device. Operator just can edit person. Basic Person can't edit any configuration of the device.

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

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



13. Support configuration of device time display format



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

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

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	Platform Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-3-0/

New Feature

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

Note:

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

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

Modified Feature

1. Change the way of adding the remote control

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

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

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

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements

Fix bug

- 1 Fix some known bug

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

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

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements

Fix bug

2 Fix some known bug

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

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

WE for 868MHz, WB for 433MHz

Reason of Upgrade

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



New Features

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

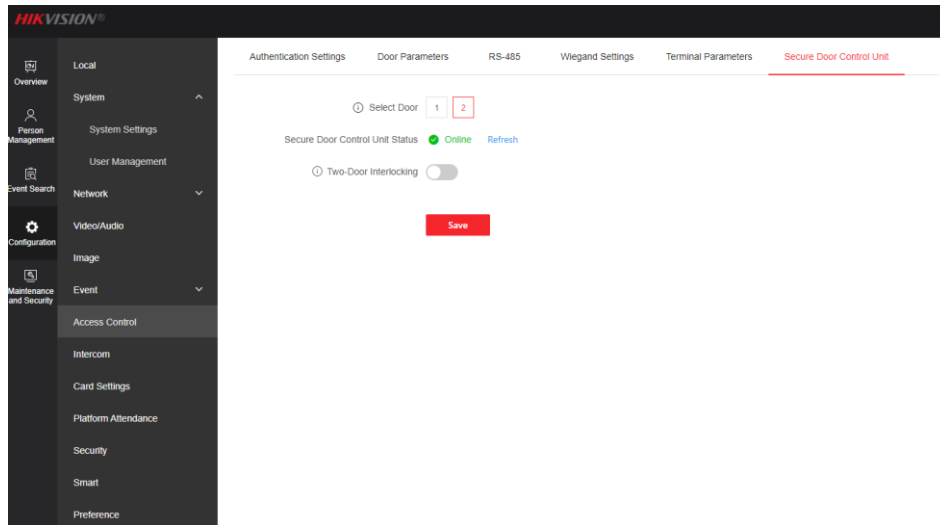
	User	Face	Card	Fingerprint	Event	Wi-Fi
DS-K1T670MX	6000	6000	50,000	\	150,000	\
DS-K1T670MX-QR				\		\
DS-K1T670MFWX				10,000		Support
DS-K1T670MWX-QR				\		Support

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

Note:

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

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



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



Connected

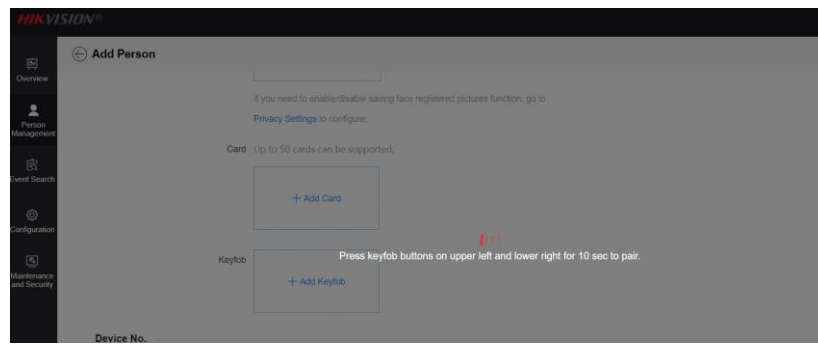
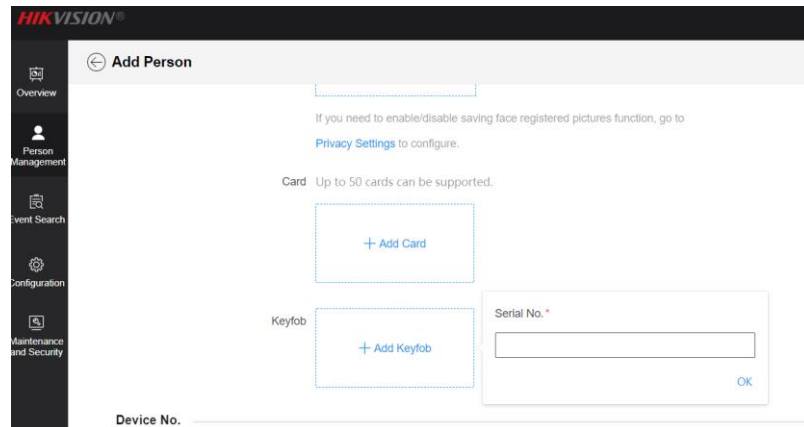


Disconnected

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

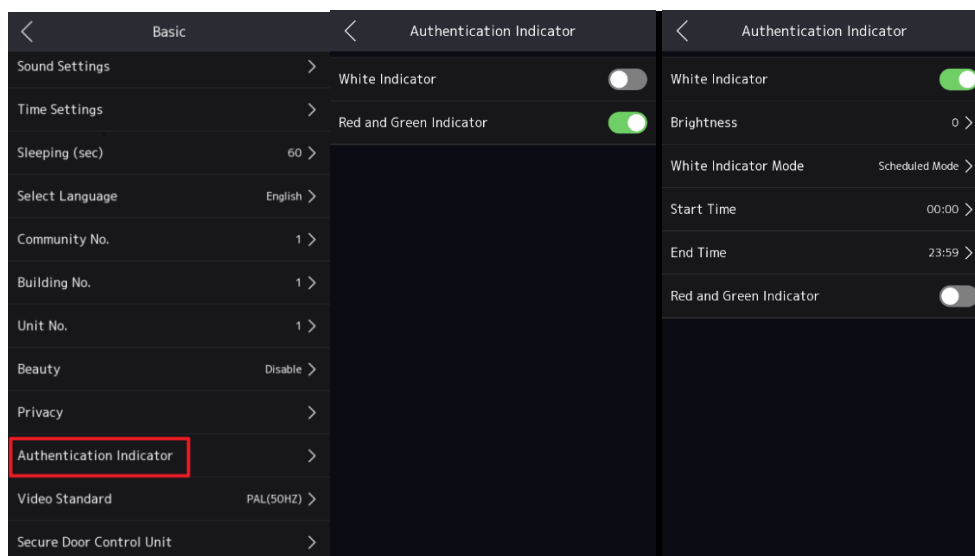
Note:

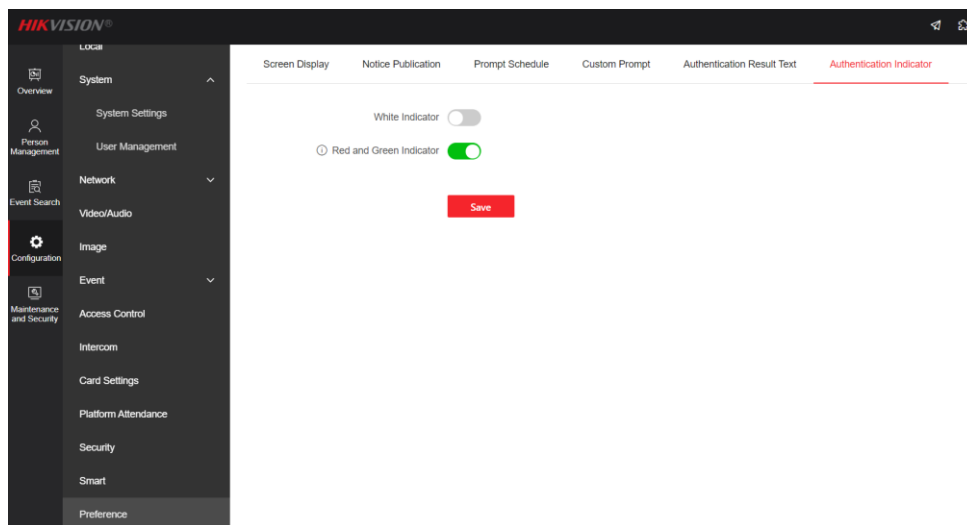
One keyfob can only be paired with one person on one device. One device can pair with Max. 5000 keyfobs



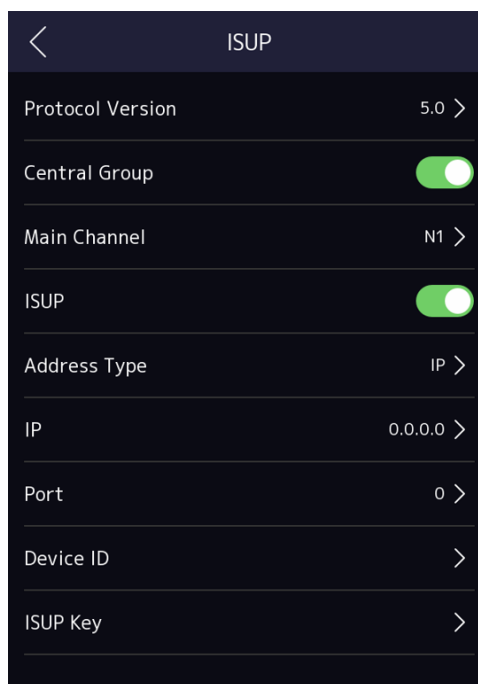
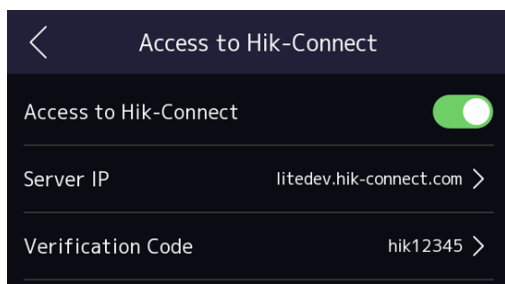
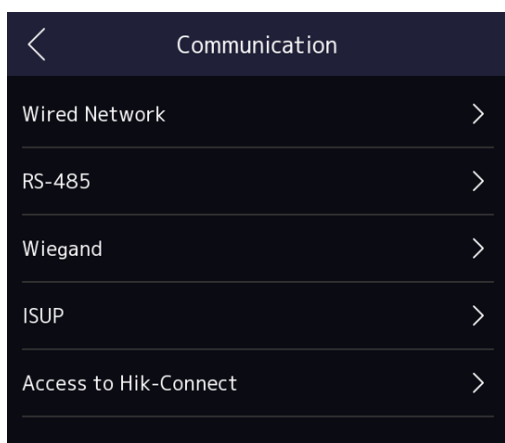
10. Support authentication indicator.

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

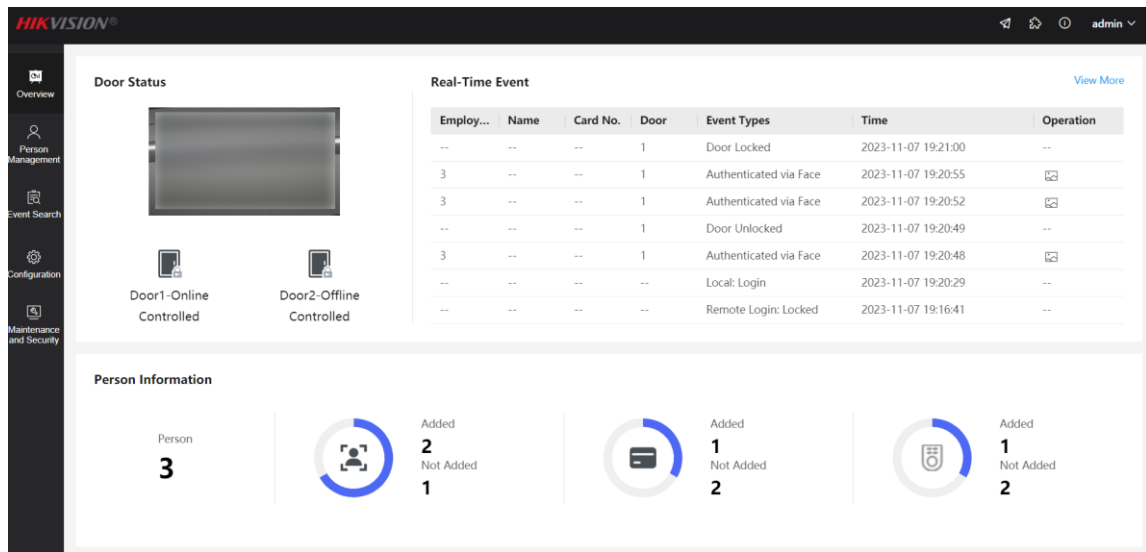




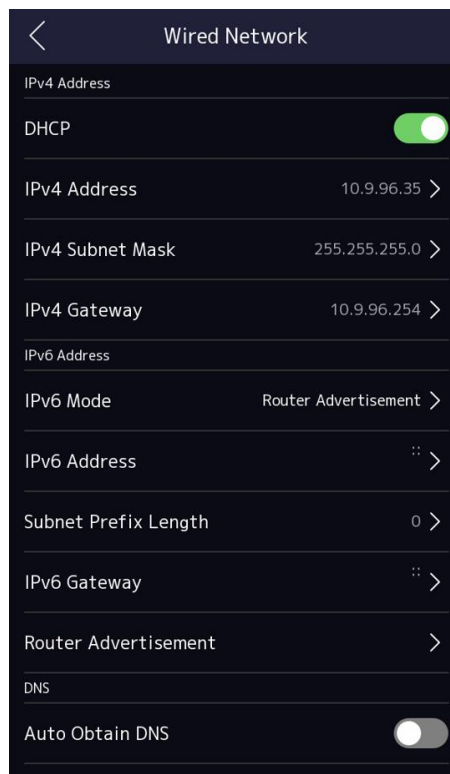
11. Self-defined shortcut key (Call Room, Call Center, Call Specified Room, Call App and Password) on main interface;
12. Configure ISUP and Hik-Connect parameter in device local menu



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



14. Support multiple face authentication(maximum 5 person can be recognized at the same time)
Note: after enable the function, card reader authentication mode, custom authentication and attendance status function cannot be used.
15. Support call elevator function.
16. Self-defined voice prompt (TTS function, English only) and custom prompt (import audio file) for authentication.
17. Support notice publication function. Display text, picture or video in schedule
18. Support **advertisement mode** or authentication mode
Default mode: Full screen live view when authenticating face
Advertisement mode: The screen will display the wallpaper on the top area, and a small round circle area for live view in the bottom.
19. **Network**
 Support TCP/IP(IPv4&**IPv6**), Wi-Fi (Model with -W), adapt to LAN(network) or WAN(ISUP 5.0) network environment

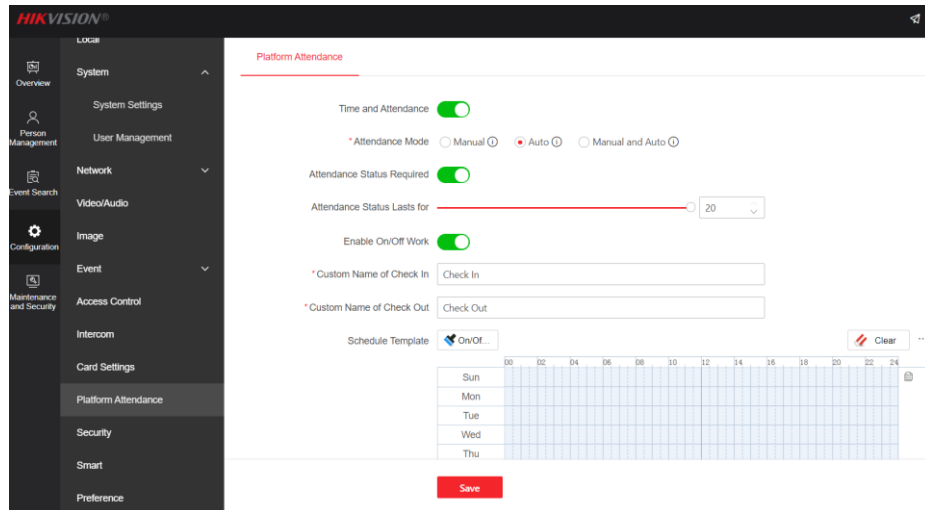

Note for IPv6:

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

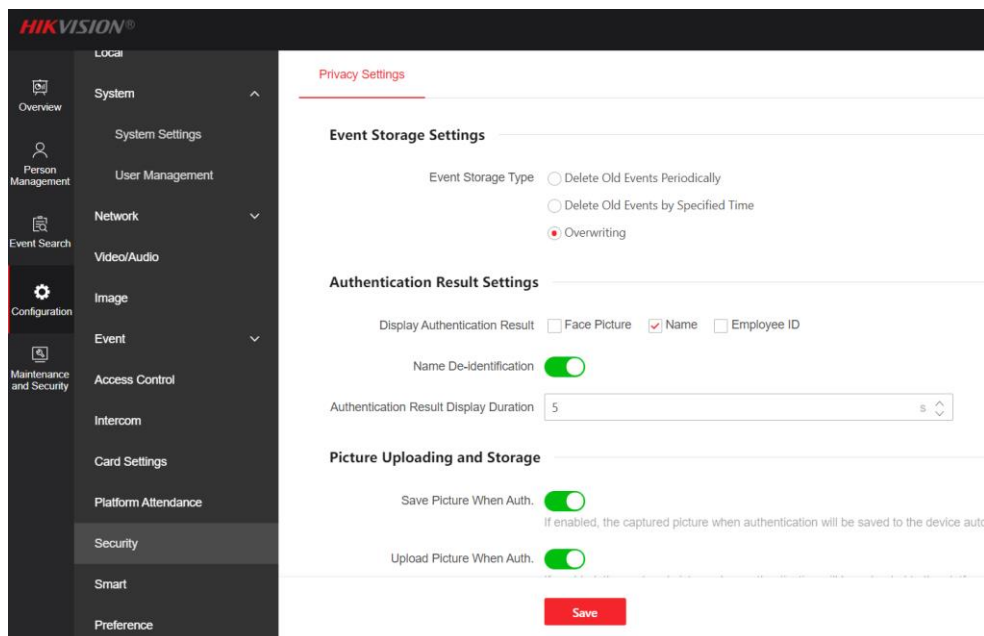
20. Function

- Support face mask recognition.
- Video intercom** with indoor station, master station and platform;

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



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



Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

Note:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata, which may cause the product to

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