

DS-K1T680 Series MinMoe Terminal Release Note (2026-3-25)

<p>Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1</p>	<p>Firmware Version</p>	<p>ARM: ACS_680_AI3_EN_NEU_V3.7.80_buil d251218 ACS_680_AI3_EN_STD_V3.7.80_build 251218</p>
<p>Modules (optional): DS-KAB6-D1 DS-KAB6-W1 DS-KAB6-ZU1</p> <p>Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE, W for Wi-Fi, F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))</p>	<p>Platform Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

Reason of Upgrade

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

DS-K1T680 Series MinMoe Terminal Release Note (2025-10-30)

<p>Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1</p>	<p>Firmware Version</p>	<p>ARM: ACS_680_AI3_EN_NEU_V3.7.60_buil d250714 ACS_680_AI3_EN_STD_V3.7.60_build 250714</p>
<p>Modules (optional): DS-KAB6-D1 DS-KAB6-W1 DS-KAB6-ZU1</p> <p>Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE, W for Wi-Fi, F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))</p>	<p>Platform Version</p>	<p>HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-4-0/</p>

Optimizations

1. Fix password reset email address issue. New firmware supports email address that longer than 76 bytes.
2. Fix DST (daylight saving time) issue. After rebooting, the device DST remains correct
3. Fix calling-elevator issue. K1T680 is able to call corresponding floors after indoor stations release elevator buttons permission
4. Optimize 4G SIM card signal strength.
5. Optimize ISUP related function and stability
6. Optimize fingerprint and face picture/modeling data synchronization logic.
7. Optimize SIP/VOIP calling.
8. Optimize Bluetooth connection
9. Optimize ISAPI events uploading issue
10. Optimize RS-485 communication with secure module.

11. Optimize visitor QR code authentication process.
12. Optimize door station calling work logic. New firmware supports to play music immediately after dialing indoor station.
13. Optimize UI to avoid the overlap between home page and dialing page.

DS-K1T680 Series MinMoe Terminal Release Note (2022-01-04)

Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1 Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE, W for Wi-Fi, F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))	Firmware Version	ARM : ACS_680_AI3_EN_STD_V3.2.33_build 211223 ACS_680_AI3_EN_NEU_V3.2.33_build 211223
	SDK	Latest version
	iVMS-4200 Version	Latest version

Reason of Upgrade

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

Modified Features

1. Update the driver to be compatible with the new fingerprint module;
2. Optimize the platform data synchronization logic;
3. Fixed break out/in opposite status issue.

DS-K1T680 Series MinMoe Terminal Release Note (2021-12-10)

Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1 Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE, W for Wi-Fi, F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))	Firmware Version	ARM : ACS_680_AI3_EN_STD_V3.2.33_build211122 ACS_680_AI3_EN_NEU_V3.2.33_build211122
	SDK	Latest version
	iVMS-4200 Version	Latest version

Reason of Upgrade

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

Modified Features

1. Compatible with new fingerprint module
2. Optimize ISAPI protocol related functions

DS-K1T680 Series MinMoe Terminal Release Note (2021-11-18)

Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1 Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE, W for Wi-Fi, F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))	Firmware Version	ARM : ACS_680_AI3_EN_Std_V3.2.33_build211116 ACS_680_AI3_EN_Neu_V3.2.33_build211116
	SDK	Latest version
	iVMS-4200 Version	Latest version

Reason of Upgrade

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

Modified Features

1. Fix the device offline issue caused by searching device event from iVMS4200 client through ISUP5.0 protocol;
2. Fixed some issues about ISAPI protocol.
3. Optimize the connection with HikCentral Professional platform;

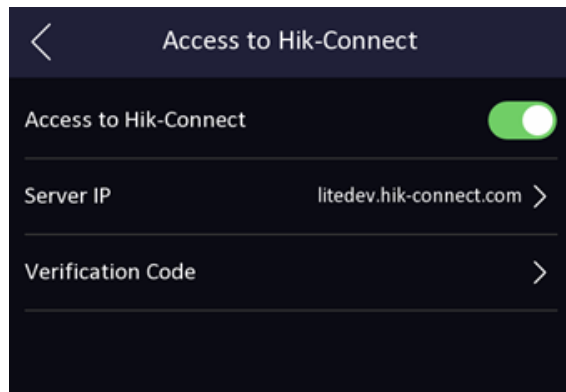
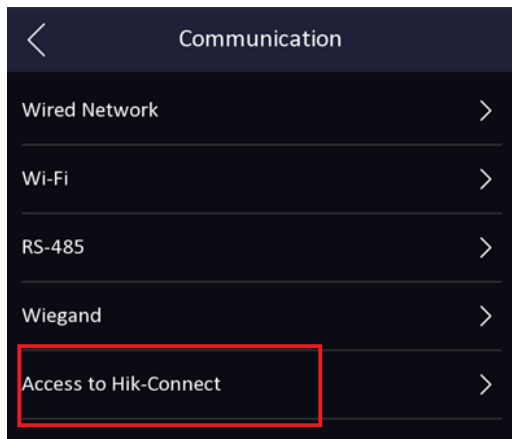
**DS-K1T680 Series MinMoe Terminal Release Note
(2021-10-18)**

Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1 Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE, W for Wi-Fi, F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))	Firmware Version	ARM : ACS_680_AI3_EN_STD_V3.2.33_build210731 ACS_680_AI3_EN_NEU_V3.2.33_build210731
	SDK	Latest version
	iVMS-4200 Version	Latest version

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

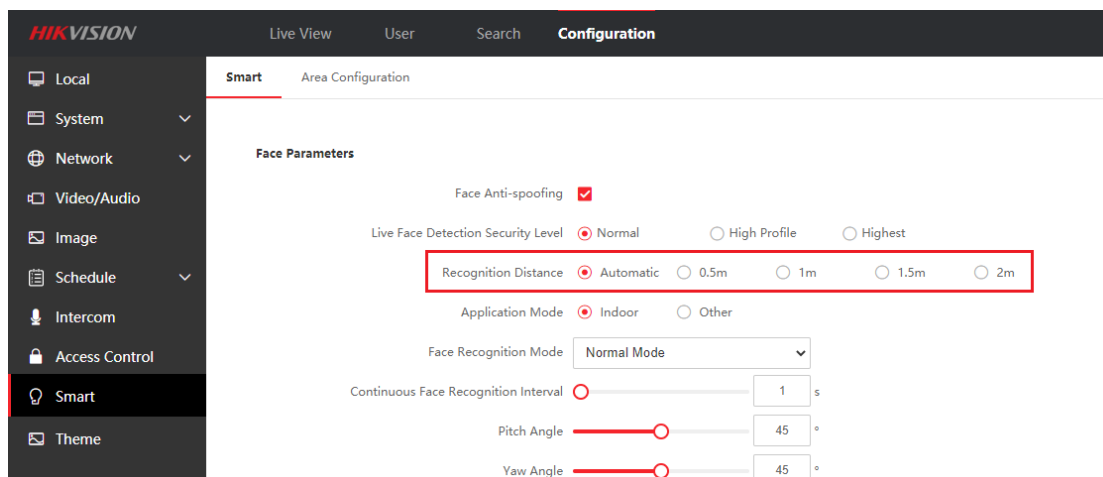
New Features

1. Add Hik-Connect menu in device UI Menu → Comm. The function is disabled in default.



Modified Features

1. Optimize the wake-up distance of the device screen through the face, and the wake-up distance is consistent with the recognition distance



DS-K1T680 Series MinMoe Terminal Release Note (2021-06-28)

<p>Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1</p> <p>Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE W for Wi-Fi F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))</p>	<p>Firmware Version</p>	<p>ARM : ACS_680_AI3_EN_STD_V3.2.33_build 210610 ACS_680_AI3_EN_NEU_V3.2.33_build 210610</p>
	<p>SDK</p>	<p>Latest version</p>
	<p>iVMS-4200 Version</p>	<p>Latest version</p>

Reason of Upgrade

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

Modified Features

2. Optimize the function of exporting data to U disk.
3. Optimize the working mechanism of infrared fill light

DS-K1T680 Series MinMoe Terminal Release Note (2021-03-23)

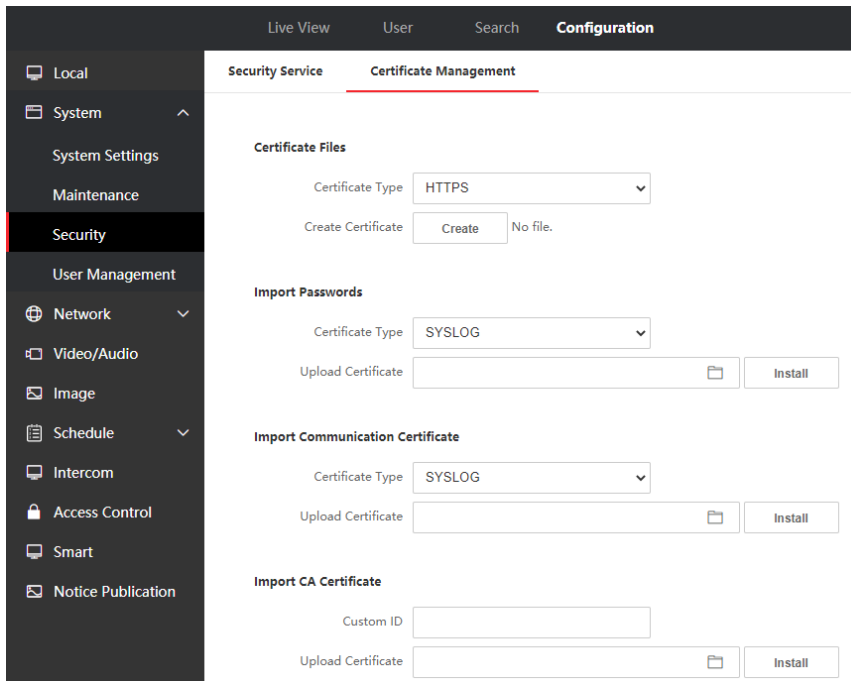
Device Model: DS-K1T680D(F)-E1 DS-K1T680D(F)W DS-K1T680D(F)G DS-K1T680D(F)G1 Naming Rule: D for M1 card, Desfire card, Felica card E1 for POE W for Wi-Fi F for fingerprint G1 for 3/4G, supported in Australia, Taiwan (China) and Latin America; G for 3/4G, supported in Europe, the Middle East, Africa, India, and Most Areas of Asia-Pacific (excluding Japan and Taiwan (China))	Firmware Version	ARM : ACS_680_AI3_EN_STD_V3.2.3_build210303 ACS_680_AI3_EN_NEU_V3.2.3_build210303
	SDK	HCNetSDKV6.1.5.15_build20200713_win32_EN
	iVMS-4200 Version	Latest version

Reason of Upgrade

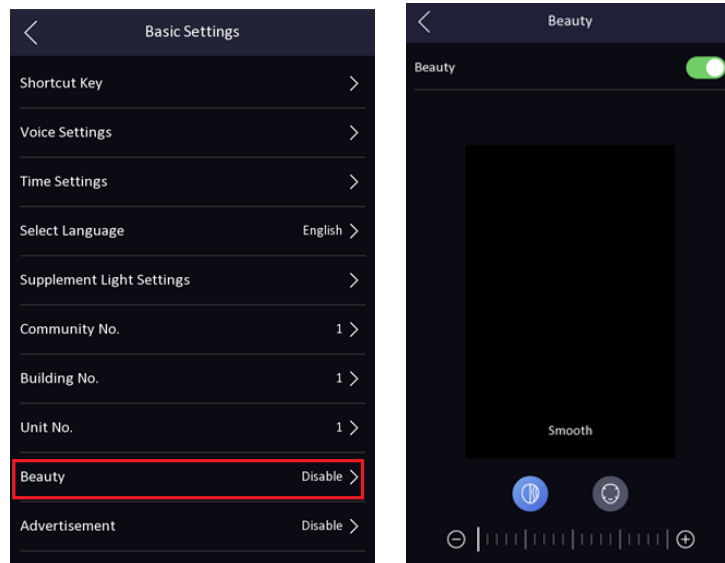
Add new features, fix bugs, enhance products quality and meet customers' requirements.

New Feature

1. Support https feature



2. Support Hik-ProConnect platform docking
3. Add beauty function to adjust smooth and whiten parameter.



4. Add device operation log query function in web interface (login device in browser), we can check the device operation log from here.
For access control authentication log, please turn to **Search** module.

Live View User Search **Configuration**

Upgrade & Maintenance **Log Query**

Major Type: All Types Minor Type: All Types

Start Time: 2021-01-25 00:00:00 End Time: 2021-01-25 23:59:59 **Search**

No.	Time	Major Type	Minor Type	Channel No.	Local/Remote User	Remote Host IP
01	2021-01-25 14:05:53+08:00	Operation	Remote: Restore to Default Set...	-	WEB	10.9.96.43
02	2021-01-25 14:09:37+08:00	Operation	Local: Delete Face Picture Data	-	UI	local
03	2021-01-25 14:09:51+08:00	Information	Add Person Information	-	UI	local
04	2021-01-25 14:09:51+08:00	Information	Add Card	-	UI	local
05	2021-01-25 14:09:51+08:00	Operation	Local: Face Picture Data Entry	-	UI	local
06	2021-01-25 14:09:51+08:00	Information	Add Fingerprint (By Employee I...	-	UI	local
07	2021-01-25 14:09:58+08:00	Operation	Enter Home Page	-	UI	local
08	2021-01-25 14:10:07+08:00	Operation	Enter Home Page	-	UI	local
09	2021-01-25 14:12:20+08:00	Operation	Enter Home Page	-	UI	local
10	2021-01-25 14:29:51+08:00	Operation	Enter Home Page	-	UI	local

5. Add ISAPI event monitoring upload (HTTP listening) function

Live View User Search **Configuration**

Platform Access **HTTP Listening**

Default

No.	Destination IP or Host Name	URL	Port	Protocol
1	0.0.0.0	/	80	HTTP
2	0.0.0.0	/	80	HTTP

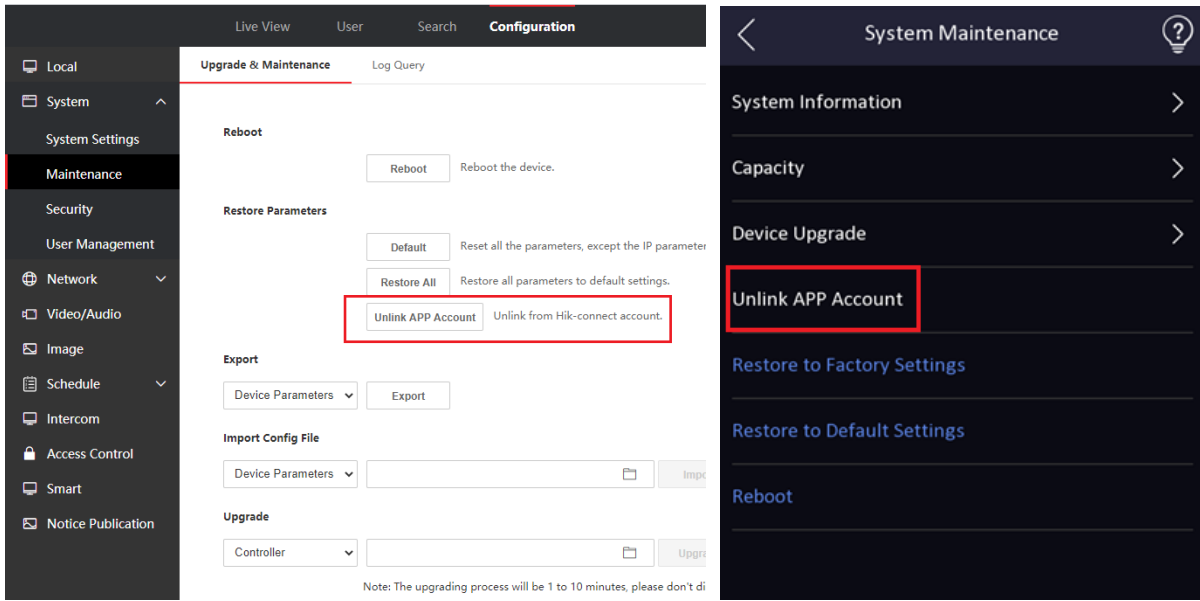
Save

6. Support unbind device with hik-connect account on SADP tool, local UI and web

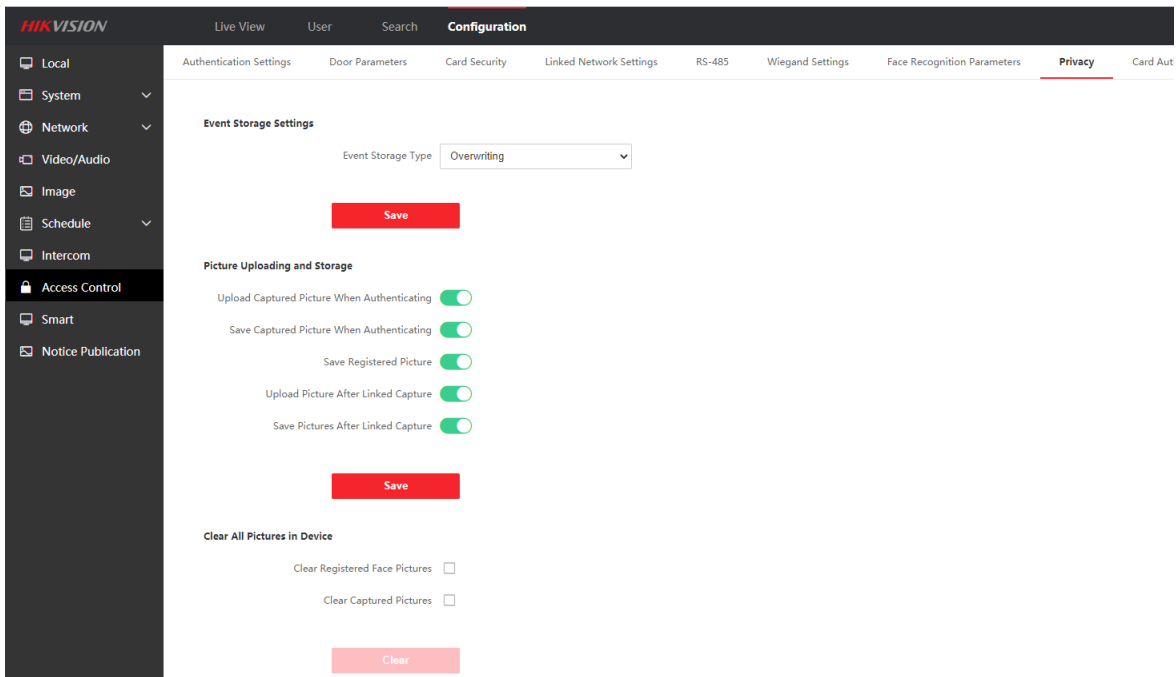
SADP

Total number of online devices: **67** **Unbind** **Export** **Refresh**

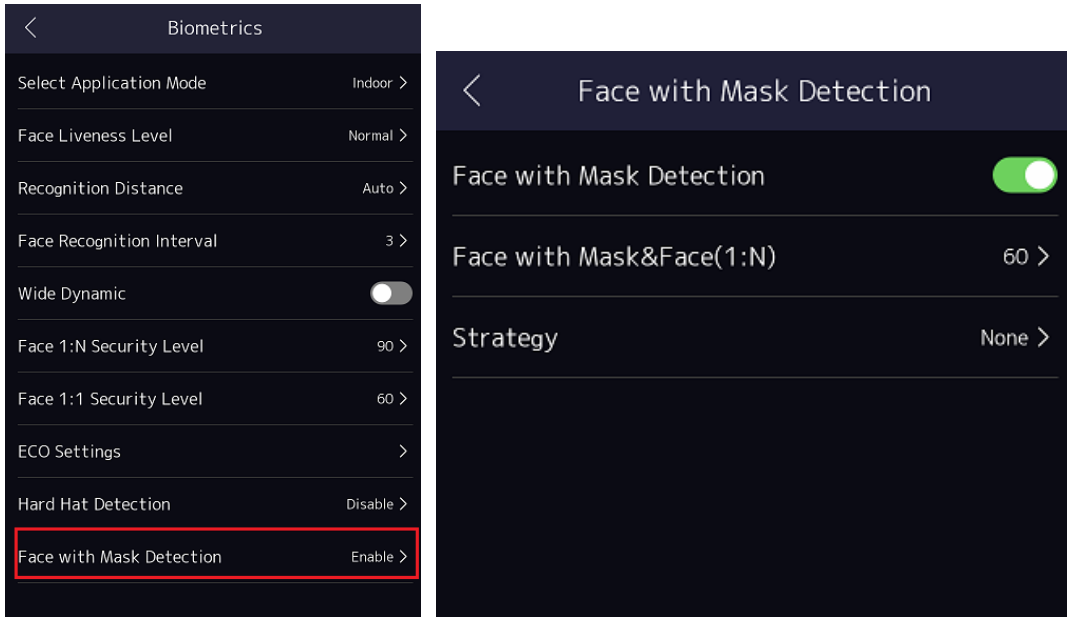
<input checked="" type="checkbox"/>	ID	Device Type	Status	IPv4 Address	Port	Enhanced SDK Service Port	Software Version	IPv4 Gateway	HTTP Port	Device Serial No.
<input checked="" type="checkbox"/>	064	DS-K1T671MF	Active	10.9.96.50	8000	N/A	V3.2.0build 2101...	10.9.96.254	80	DS-K1T671MF20210107V0302



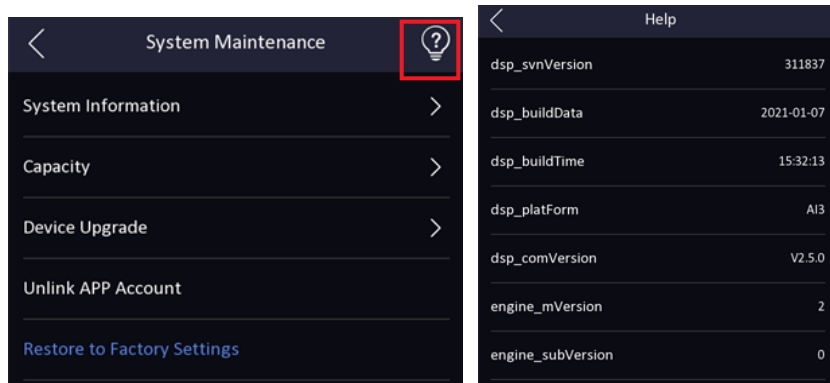
7. Add privacy protection, support event Storage Settings, Picture Uploading and Storage, Clear All Pictures in Device



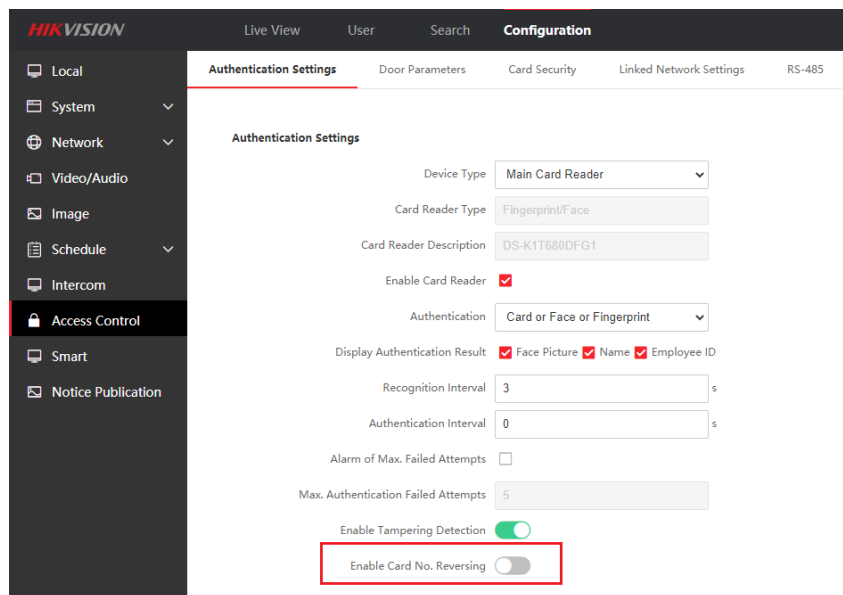
8. Add face mask detection function(enabled in default);



9. Add help interface to check system module version for technical support (long press for 3s).

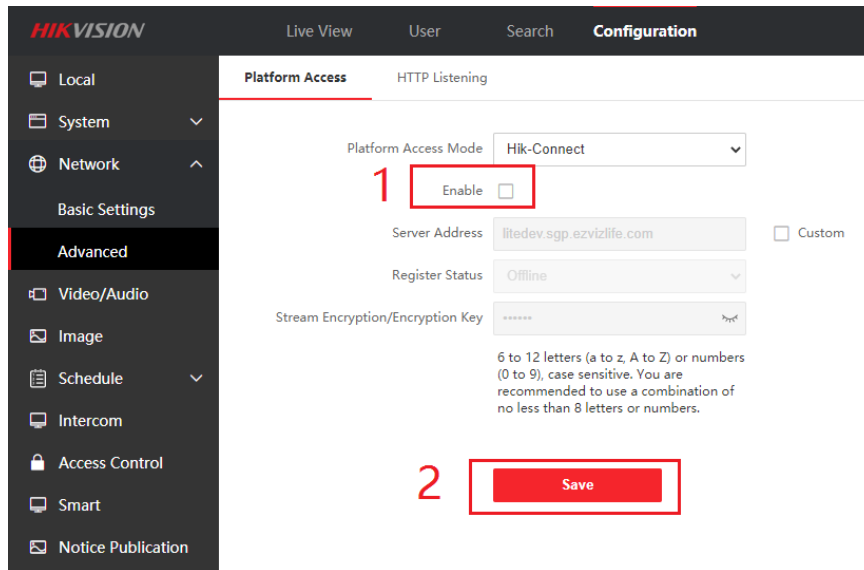


10. Add card No. reversing function (external reader not support)

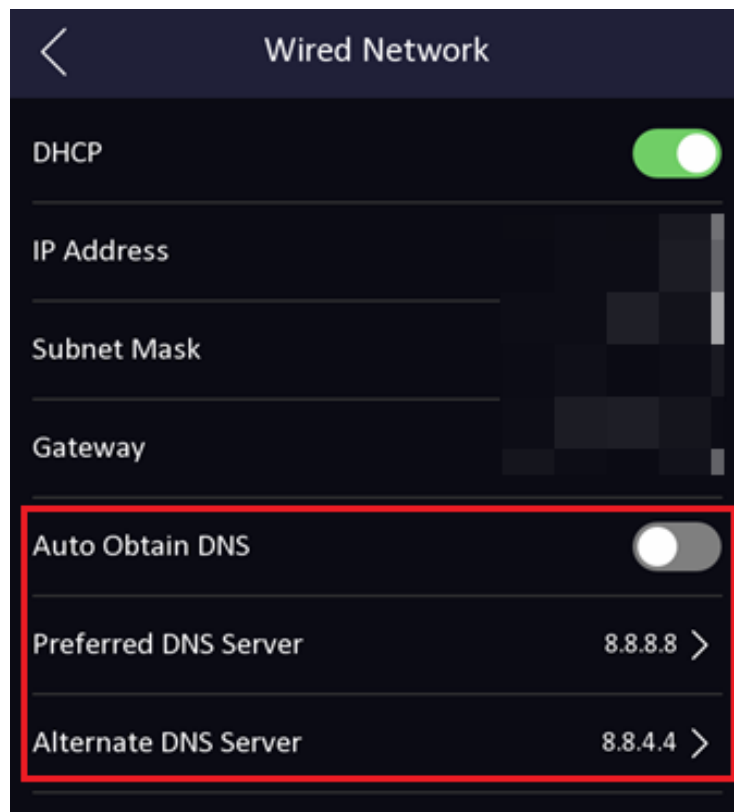


Modified Features

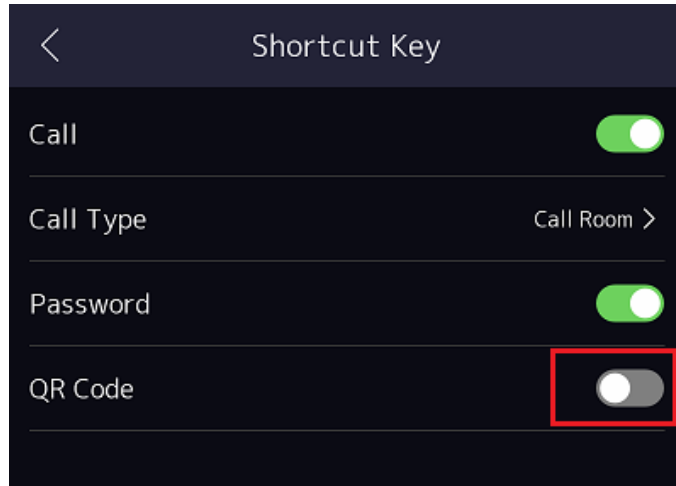
4. Hik-Connect function is turned off in default for privacy protection, if customer want to manage device from App, please turn on manually in the web.



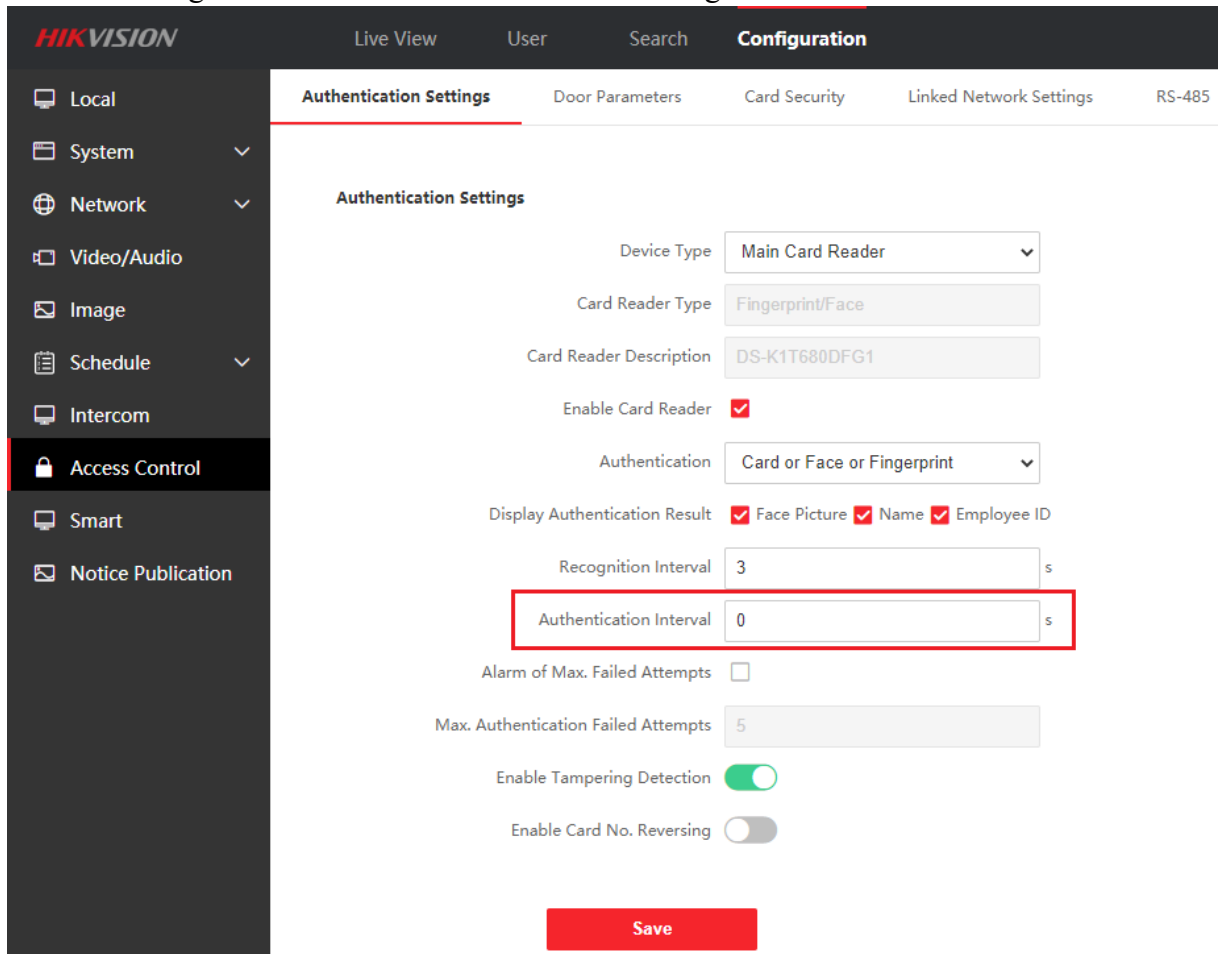
5. DNS can be configured from device UI in menu → Comm.-->Wired Network



6. After disable QR code shortcut from the menu, device will support QR code and face verification at the same time.



- 7. Optimized the ISUP and Hik-Connect event upload mechanism.
- 8. When verify with unregistered person face picture, device will not give any prompt.
- 9. When verify with registered person face picture, screen will show “Please adjust position” and will not play audio
- 10. Add stranger authentication timeout interval configuration.



Customer Impact and Recommended Action

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

Note:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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