DS-K1T342 Series MinMoe V3.16.1_build240701 Release Notes (2024-07-09)

Device Model:		ARM:
DS-K1T342E(W)X, DS-K1T342EFWX, DS-K1T342M(W)X,DS-K1T342MF(W)X, DS-K1T342D(W)X DS-K1T342E(W)X-E1, DS-K1T342EFWX-E1, DS-K1T342M(W)X-E1,DS-K1T342MF(W)X-E1, DS-K1T342D(W)X-E1 **Naming Rule:** D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi E1 for POE	Firmware Version	ACS_342_F1pro_EN_NEU_V3.16.1_build240701 ACS_342_F1pro_EN_STD_V3.16.1_build240701 **Note:** *POE version and non-PoE version use same firmware*
	Software	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-2-0/

Reason of Upgrade

Enhance products quality and meet customers' requirements.

Modified features

1. Optimize the fingerprint collection and synchronization function from Hik-Connect cloud.

DS-K1T342 Series MinMoe V3.16.1_build230802 Release Notes (2023-08-22)

Device Model:		ARM:
DS-K1T342E(W)X, DS-K1T342EFWX, DS-K1T342M(W)X,DS-K1T342MF(W)X, DS-K1T342D(W)X DS-K1T342E(W)X-E1, DS-K1T342EFWX-E1, DS-K1T342M(W)X-E1,DS-K1T342MF(W)X-E1, DS-K1T342D(W)X-E1	Firmware Version	ACS_342_F1pro_EN_NEU_V3.16.1_build230802 ACS_342_F1pro_EN_STD_V3.16.1_build230802 **Note:** *POE version and non-PoE version use same firmware*
	Software	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0-1/

| Naming Rule: D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi E1 for POE	2	

Reason of Upgrade

DS-K1T342 PoE Series are released for the first time.

New Features

2. Max.1500 faces capacity, Max.3000 fingerprints capacity (model with F only), and Max.3000 cards
3. 4.3-inch LCD touch screen, 2 Mega pixel wide-angle lens, built-in EM/M1/Desfire card reading module
4. Two-way audio with iVMS/HikCentral software, indoor station, main station and Hik-Connect App; Supports TCP/IP, Wi-Fi (model with W only)
5. Configuration via the web client and enroll face picture with mobile phone camera.
6. Face Recognition Distance: 0.3 m to 1.5 m; Duration $<$ 0.2 s/User; Accuracy rate $\geqslant$ 99%
7. IP65 protection level
8. Power supply by standard PoE(af) and at the same time powers supply for door lock (max 12 VDC/1 A)

K1T342-E1 series
powered by PoE
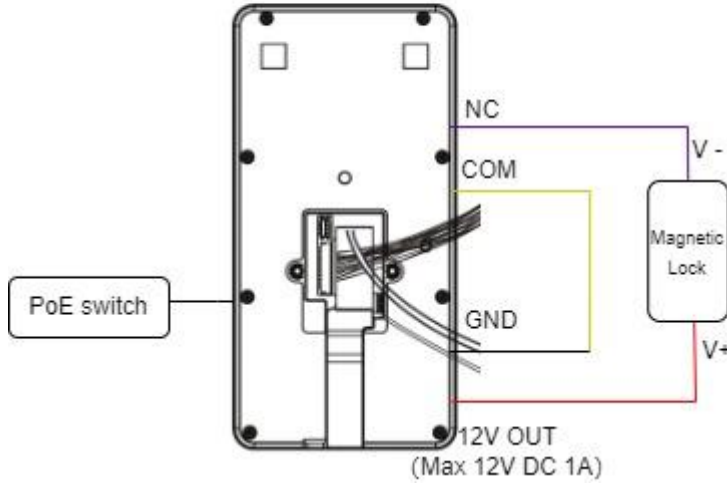
Note：*Only when device is powered by PoE, it will have power output for the lock, if the device is powered with 12V DC adapter, please power the lock with power adapter.*

9. Supports platform-applied personal PIN and device-set personal PIN.

DS-K1T342 Series MinMoe Terminal
# V 3.16.1_build230802 Release Notes (2023-08-08)

Device Model:		ARM：
DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX	Firmware Version	ACS_342_F1pro_EN_NEU_V3.16.1_build230802 ACS_342_F1pro_EN_STD_V3.16.1_build230802
DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX **Naming Rule:** D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	Software	**HikCentral AC:** https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0-1/

<u>**Reason of Upgrade**</u>
Add new function, fix bugs, enhance products quality and meet customers' requirements.

<u>**New Features**</u>
1. User friendly web design
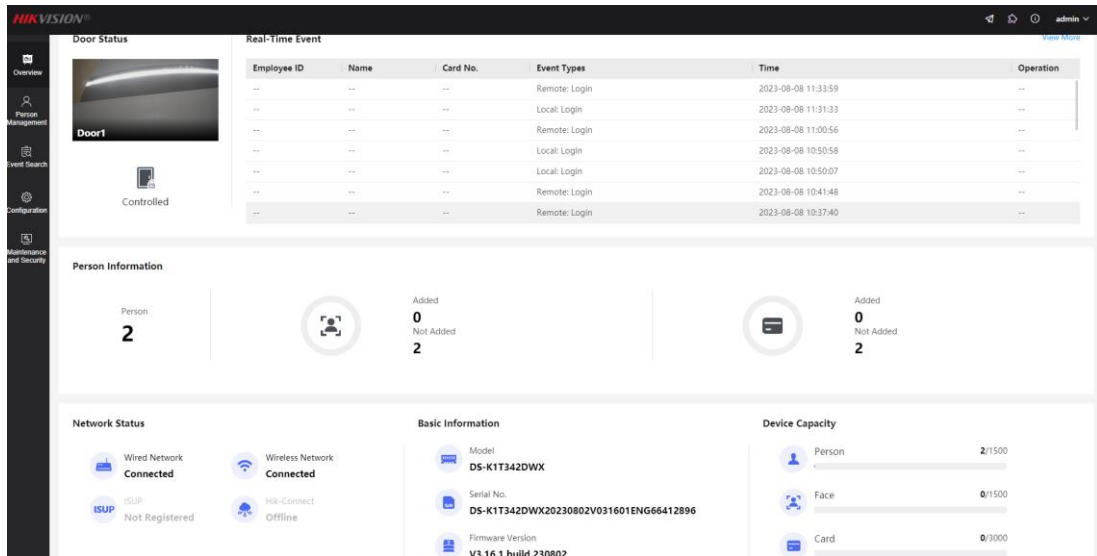
2. PIN Code supports switching between platform applied personal PIN mode and device set personal PIN mode

   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.
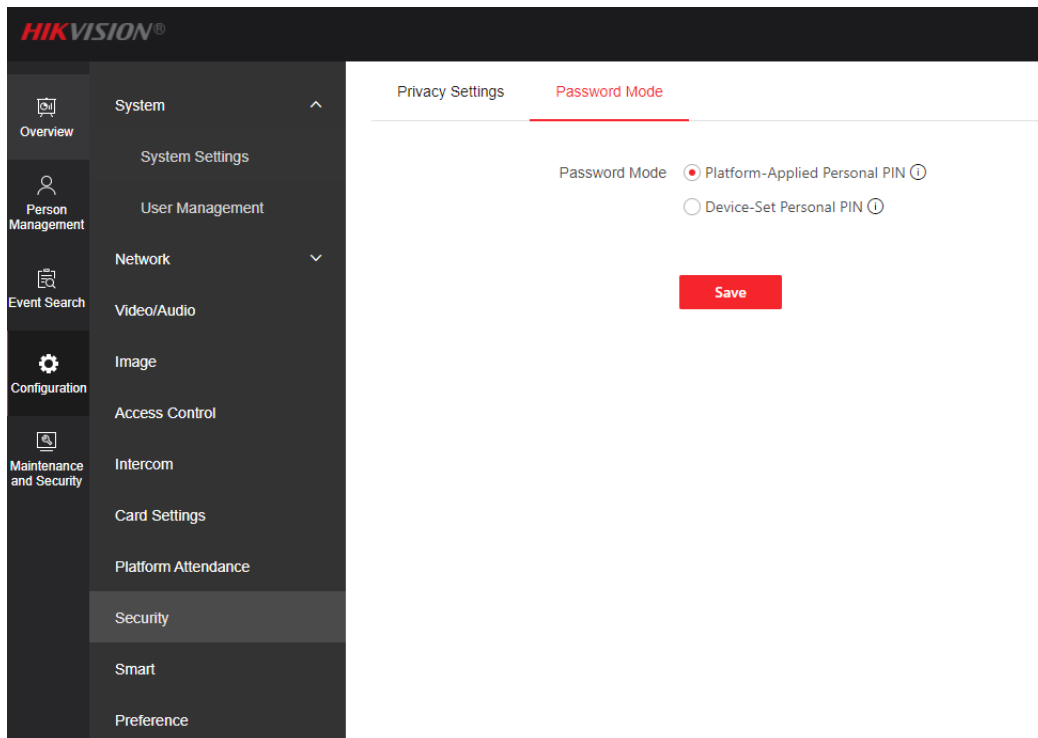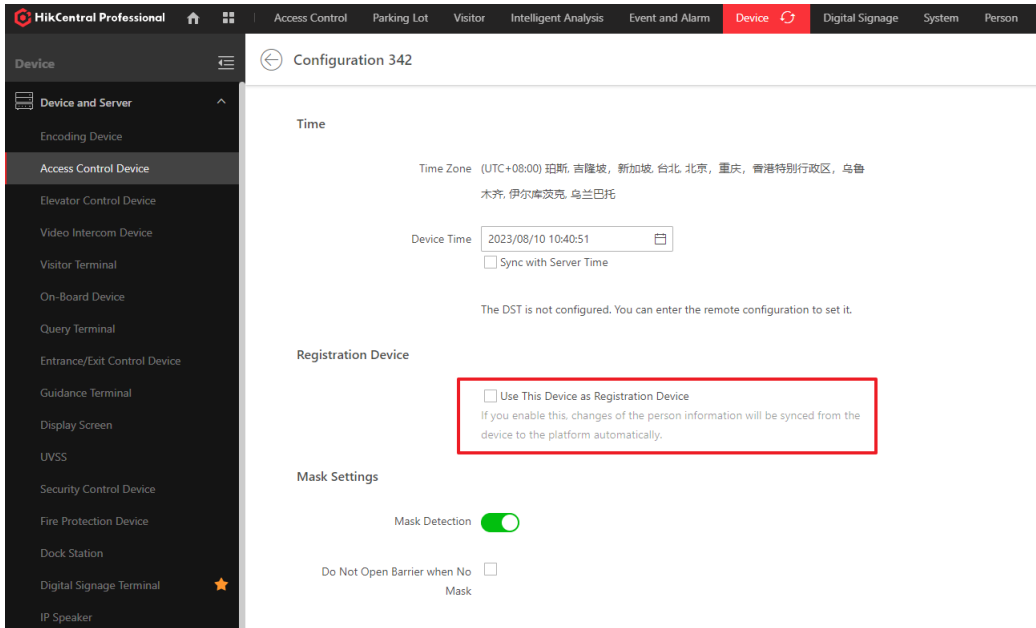

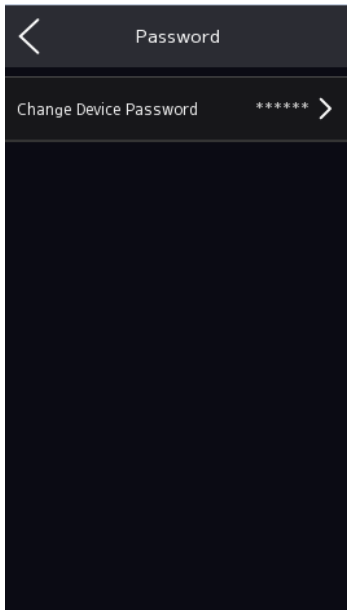3. Support sync person information to platform automatically

   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
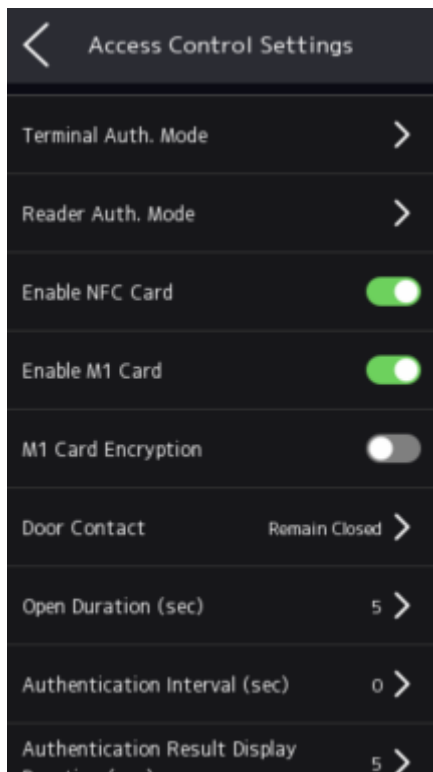
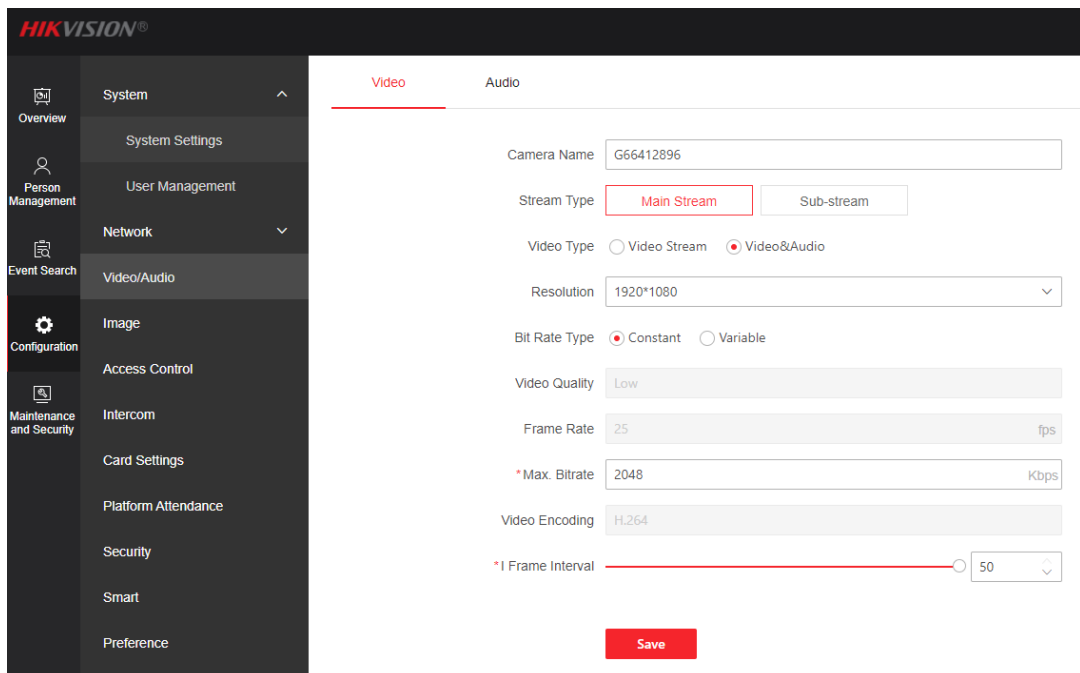information will be synced from the device to the platform automatically

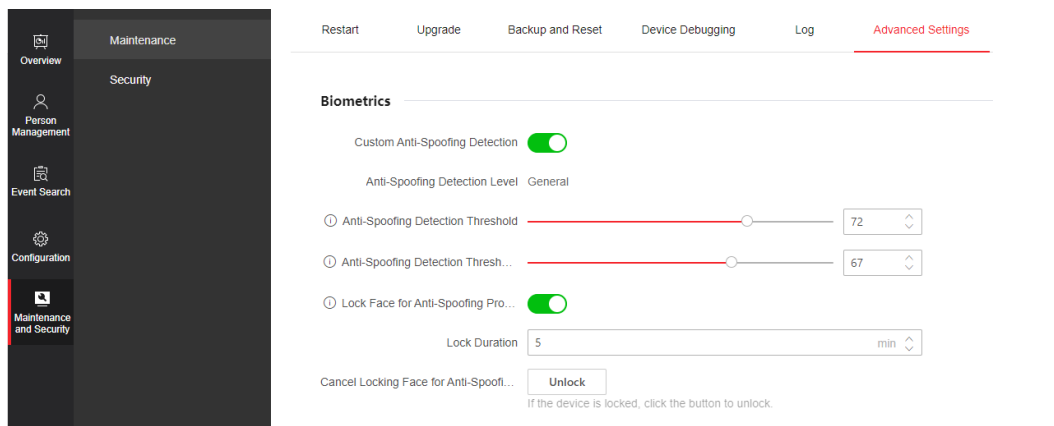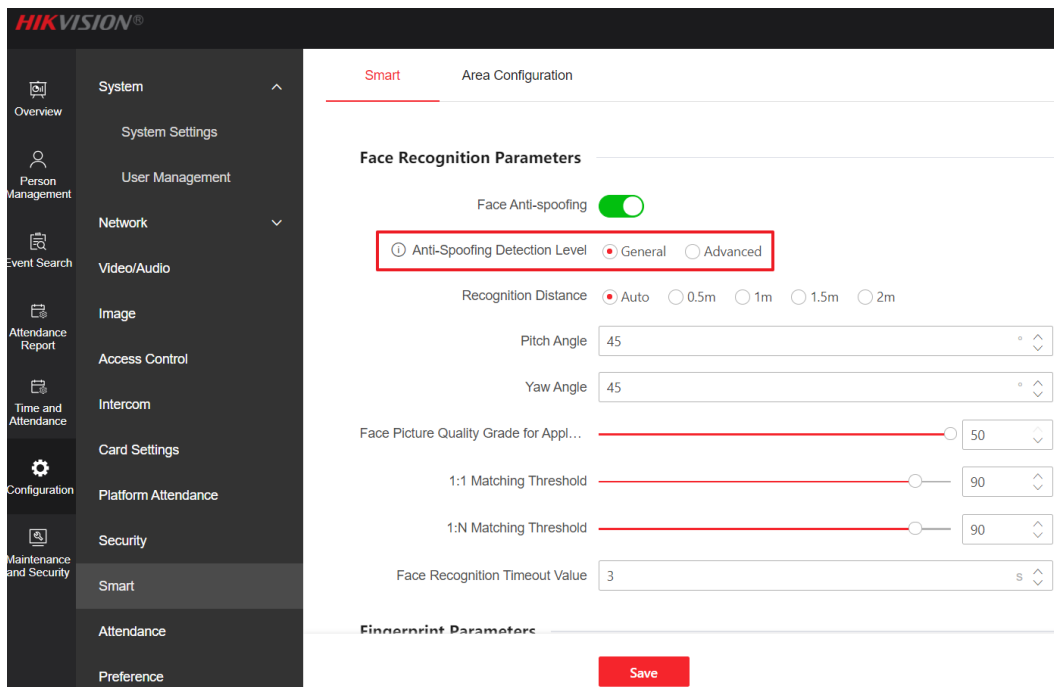4. Supports modifying device password locally
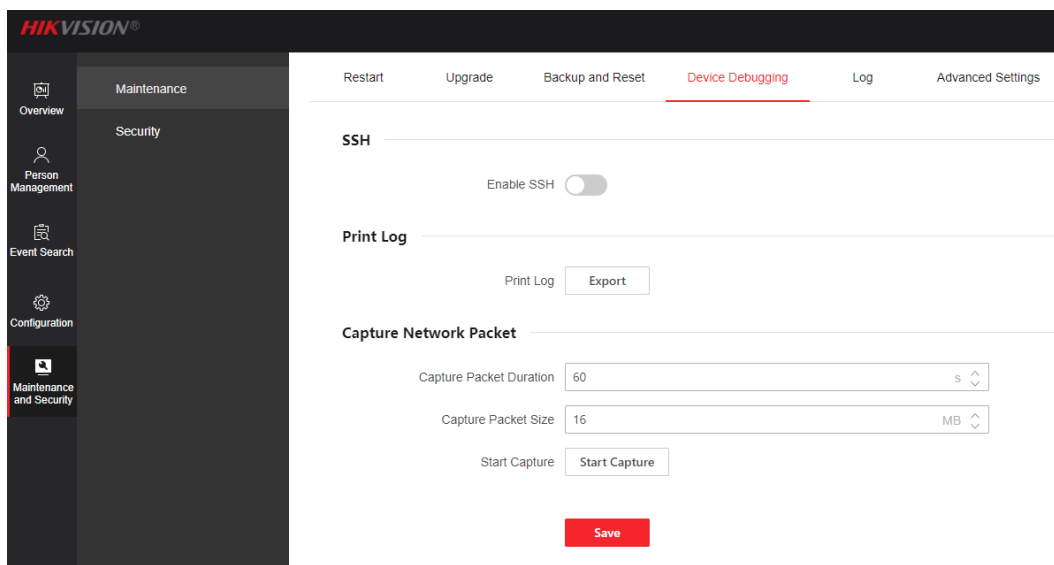

5. Supports enable M1 encryption locally

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

7. Supports 2 anti-spoofing detection level: **General** and **Advanced**. It supports to customize anti-spoofing threshold in advanced settings

8. Supports QR code 2.0
9. Support capture network package on web client

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DS-K1T342 Series MinMoe Terminal
Release Notes (2022-03-09)

Device Model: DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX	Firmware Version	ARM： ACS_342_F1pro_EN_**STD**_V3.3.5_build220210 ACS_342_F1pro_EN_**NEU**_V3.3.5_build220210
Naming Rule: D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

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

Modified features
1. Fix the problem that the device cannot wake up occasionally after running for a long time;

DS-K1T342 Series MinMoe Terminal
Release Notes (2022-01-04)

Device Model: DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX	Firmware Version	ARM： ACS_342_F1pro_EN_**STD**_V3.3.5_build211229 ACS_342_F1pro_EN_**NEU**_V3.3.5_build211229

DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX	SDK	Latest baseline version
Naming Rule: D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

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

Modified features

2. Update the driver to be compatible with the new fingerprint module;
3. Fixed some issues about ISAPI protocol;

DS-K1T342 Series MinMoe Terminal

Release Notes (2021-12-10)

Device Model: DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX	Firmware Version	**ARM：** ACS_342_F1pro_EN_**STD**_V3.3.5_build211122 ACS_342_F1pro_EN_**NEU**_V3.3.5_build211122
	SDK	Latest baseline version
Naming Rule: D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

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

Modified features

4. Optimize the display of Hik-Connect QR code in the UI background;
5. Repair some protocol issues;

DS-K1T342 Series MinMoe Terminal
Release Notes (2021-11-12)

Device Model: DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX	Firmware Version	ARM： ACS_342_F1pro_EN_**STD**_V3.3.5_build211110 ACS_342_F1pro_EN_**NEU**_V3.3.5_build211110
	SDK	Latest baseline version
Naming Rule: D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline 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 new fingerprint materials;

DS-K1T342 Series MinMoe Terminal
Release Notes (2021-10-25)

Device Model: DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX	Firmware Version	ARM： ACS_342_F1pro_EN_**STD**_V3.3.5_build211014 ACS_342_F1pro_EN_**NEU**_V3.3.5_build211014
	SDK	Latest baseline version
Naming Rule: D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

New model DS-K1T342 series MinMoe terminal first time released.


New Features

1. 4.3 inch LCD touch screen, 2 MP wide-angle dual-lens camera; IP65 protection level;
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**

Model	Face	Card	Fingerprint	Event	Wi-Fi
DS-K1T342EX	1,500	3,000(EM)	Not support	150,000	Not support
DS-K1T342EWX			Not support		Support
DS-K1T342EFWX			3,000		Support
DS-K1T342MX		3,000(M1)	Not support		Not support
DS-K1T342MWX			Not support		Support
DS-K1T342MFX			3,000		Not support
DS-K1T342MFWX			3,000		Support
DS-K1T342DX	1,500	3,000 (Desfire, Felica, M1)	Not support	150,000	Not support
DS-K1T342DWX			Not support		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;
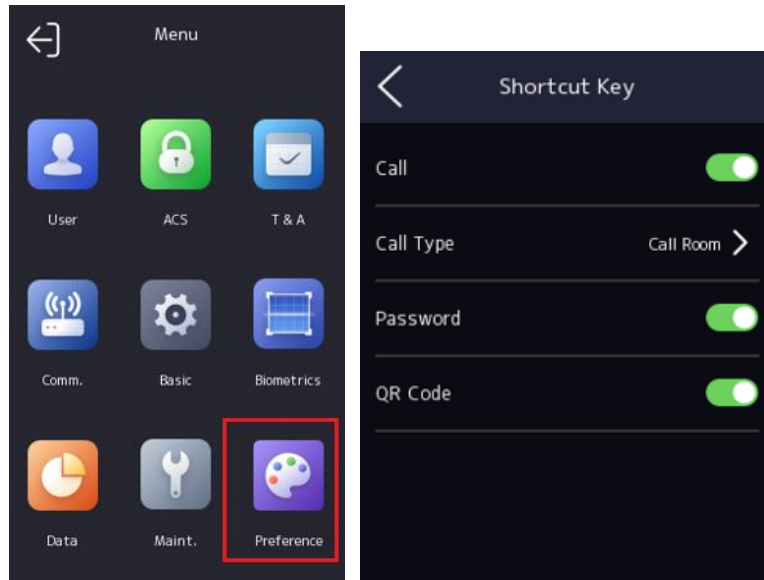
11. Configure ISUP and Hik-Connect parameter in device local menu
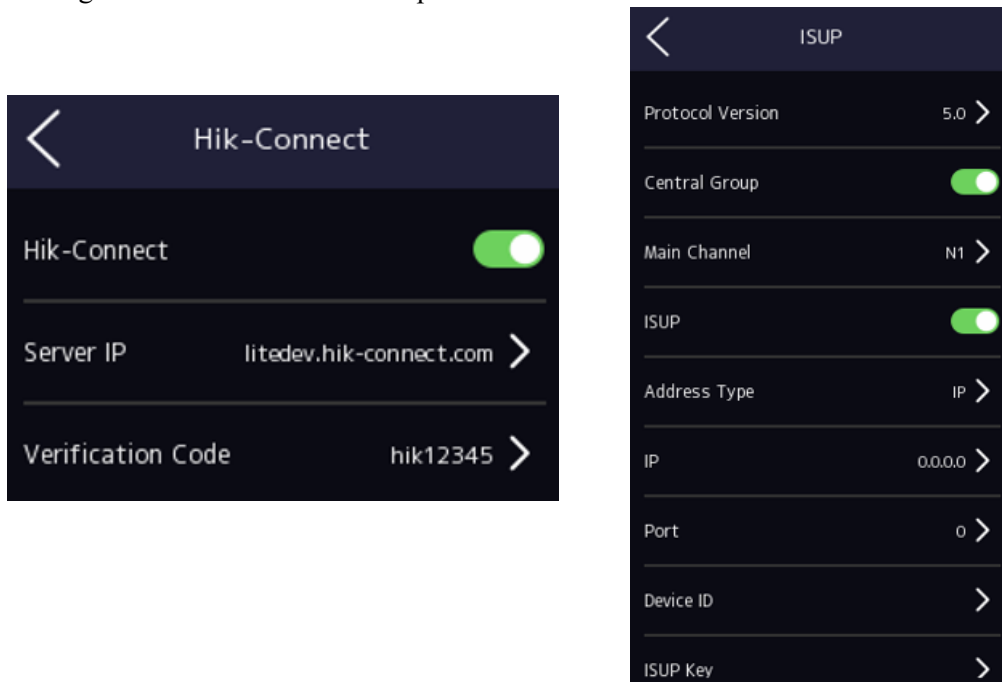
12. Login and configure device in web client via PC   browser

13. Support audio file import and replace the default voice prompt

Note: imported file format

wav format, mono, sampling rate 8K or 16K, size no more than 512K

14. **The displayed authentication result text can be customized**, edited through the web, including the scope of the results of stranger, authentication success and authentication failure.
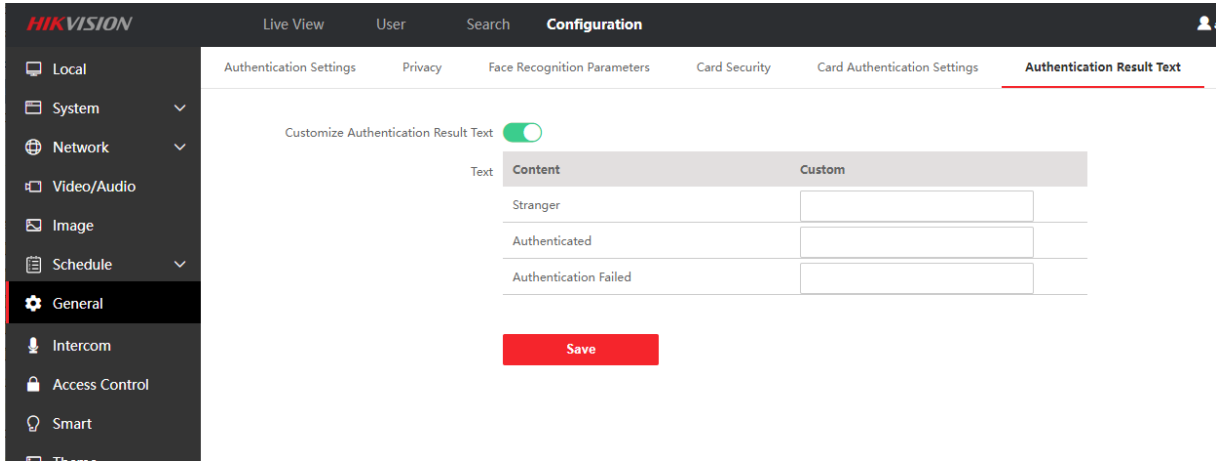
15. Self-defined voice prompt (TTS function, English only) and screen display info (user ID, name and face picture) for authentication;
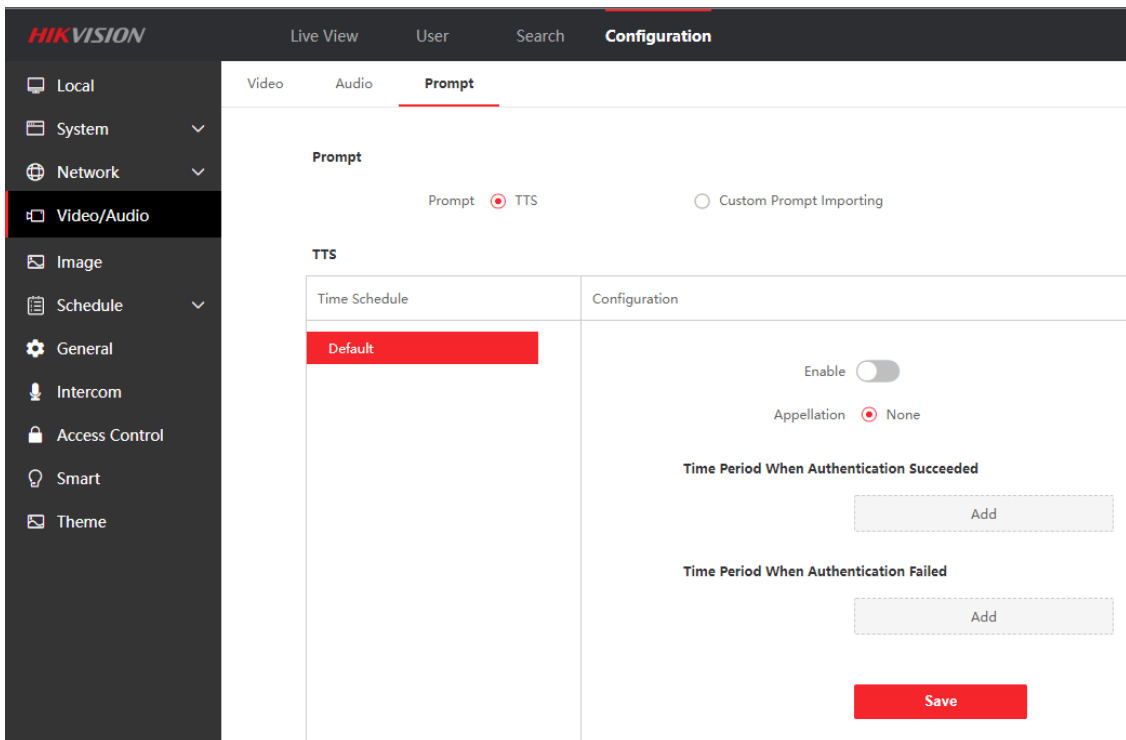

16. **Network**

Support TCP/IP and Wi-Fi (model with W only), adapt to LAN(network) or WAN(ISUP 5.0) network environment.
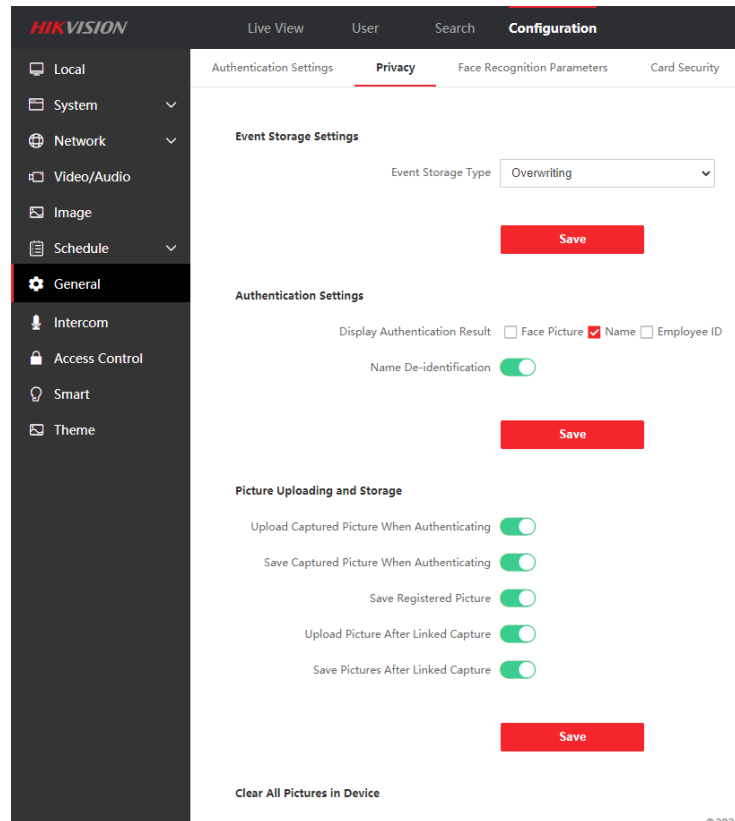
17. **Function**

    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. Support check in/check out/break out/break in/overtime in/overtime out attendance status, and self-define status name;
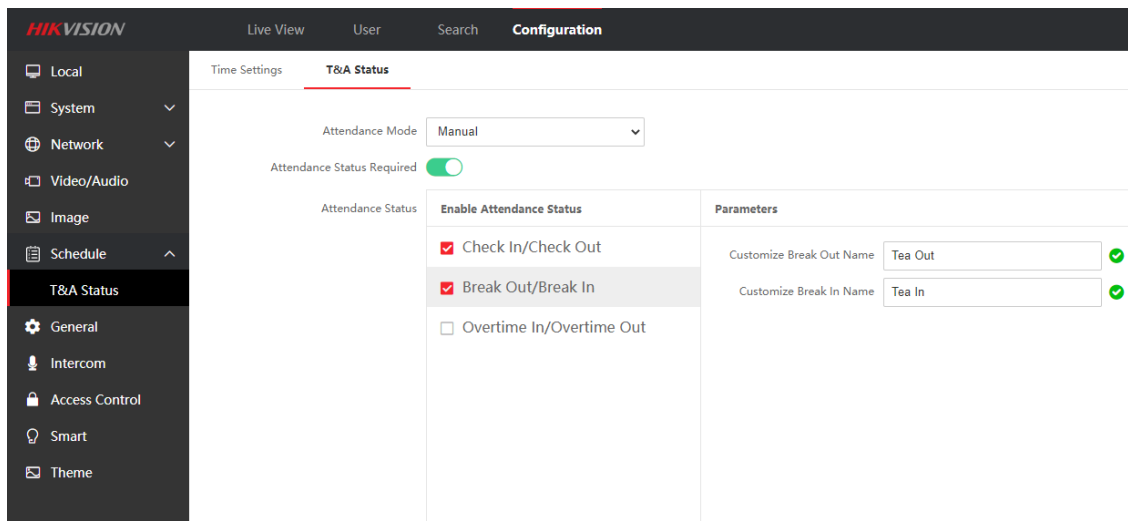
e. Support custom standby background image (max 8 pictures)
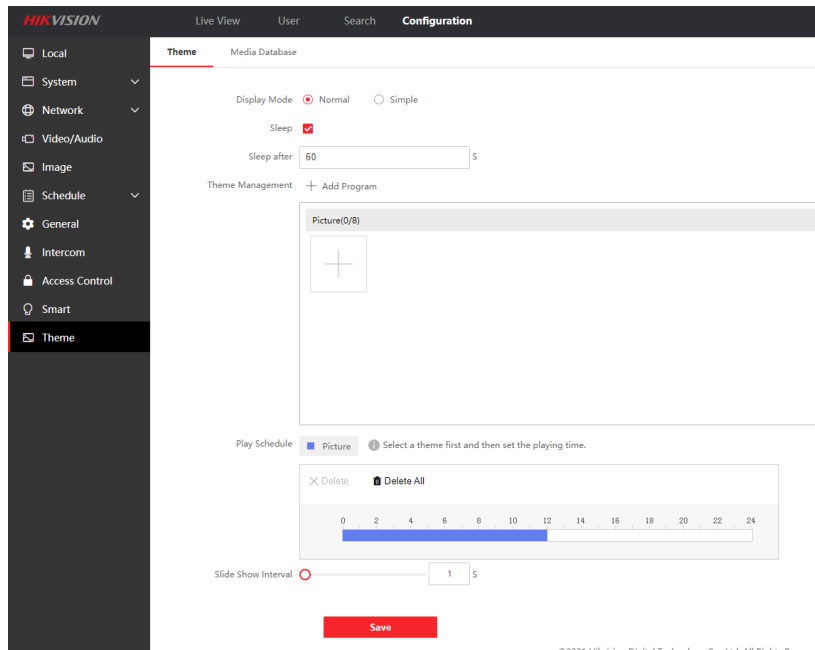
f. Support privacy protection, customer can define the privacy related parameter, such as Event Storage Settings, Picture Uploading and Storage, Clear All Pictures in Device

Customer Impact and Recommended Action

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

Note:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.

- Product design and specifications are subject to change without prior notice.

- The Hikvision firmware may contain errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available on request.

- Hikvision is not liable for any typing or printing errors.

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