

## DS-K1T342 Series MinMoe Terminal

### V 3.16.1\_build230802 Release Notes (2023-08-08)

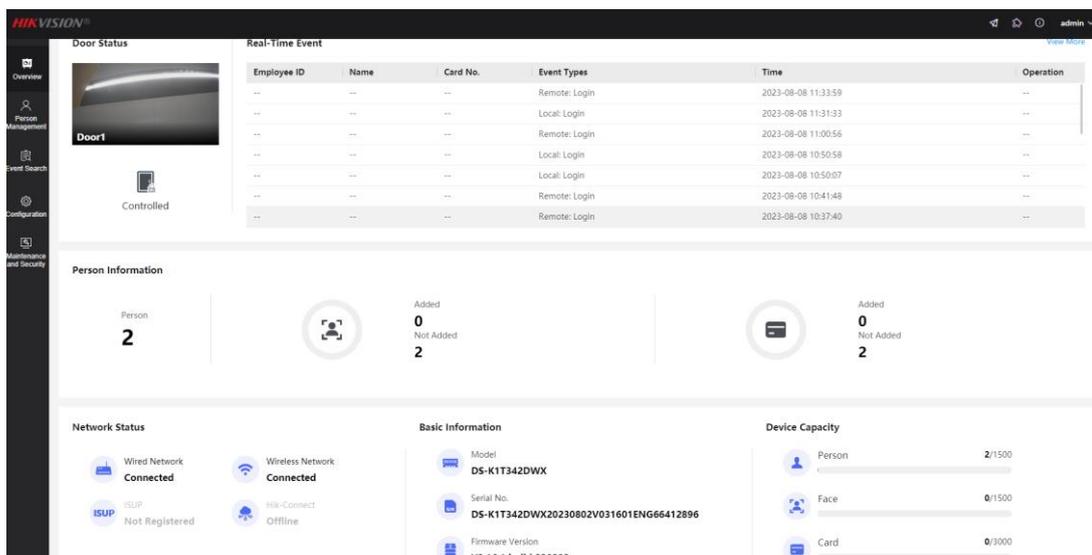
<b>Device Model:</b> DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX <b>Naming Rule:</b> <b>D</b> for Desfire card, Felica card and M1 card <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	<b>Firmware Version</b>	<b>ARM:</b> ACS_342_F1pro_EN_NEU_V3.16.1_build230802 ACS_342_F1pro_EN_STD_V3.16.1_build230802
	<b>Software</b>	<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>

#### Reason of Upgrade

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

#### New Features

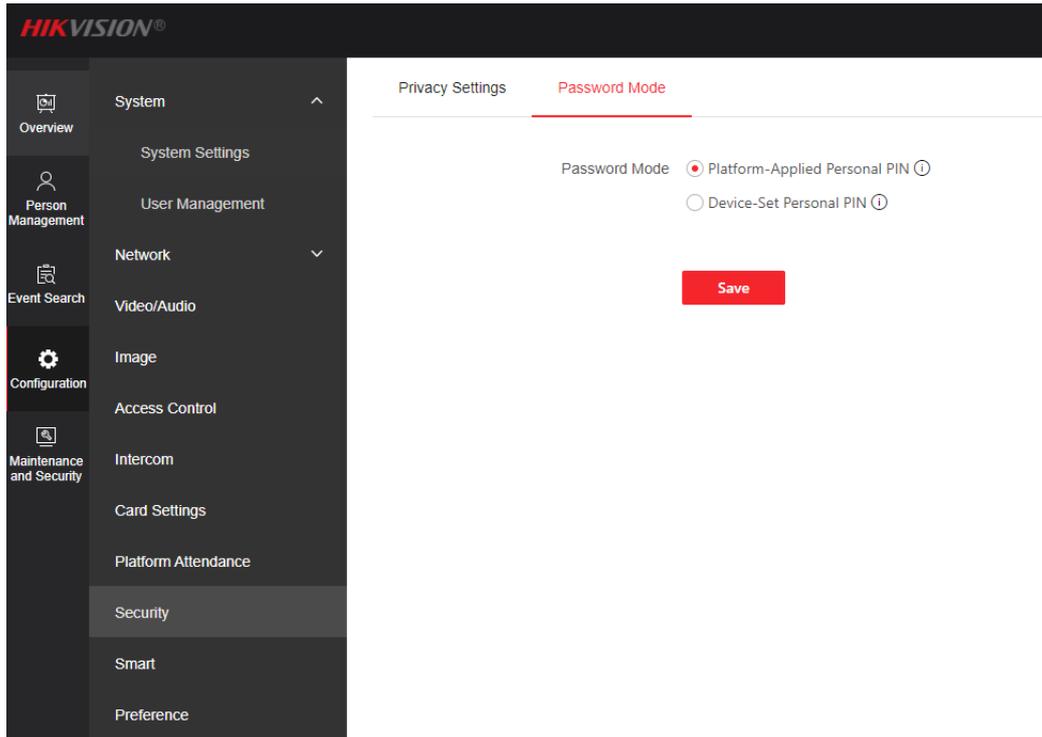
1. User friendly web design



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

Notice :

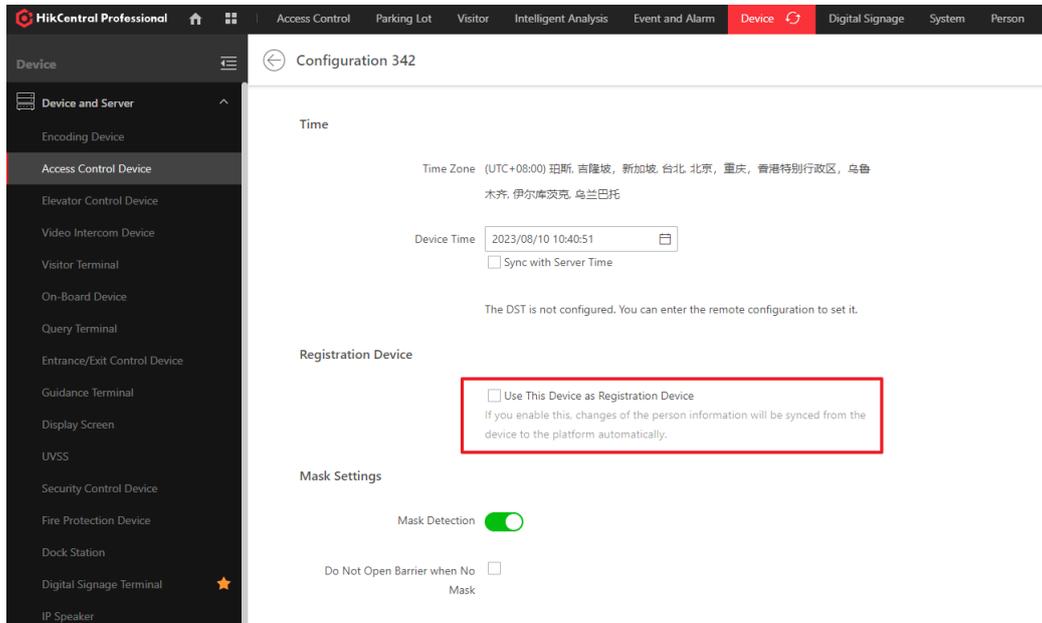
Open web client, go to Configuration-Security-Password mode to switch PIN Code mode. In platform applied mode, cannot edit PIN Code on web client, it needs to be set on platform. In device set mode, can edit PIN Code on web client or local UI and PIN code set by platform is invalid.



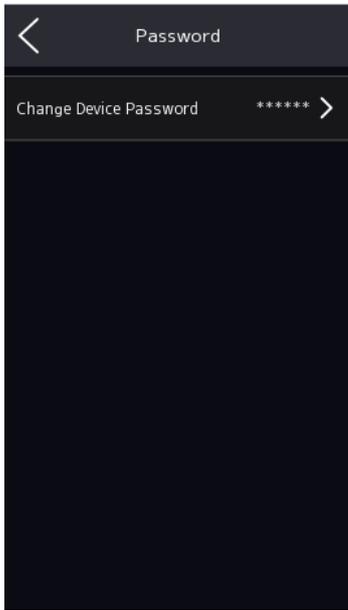
### 3. Support sync person information to platform automatically

Notice:

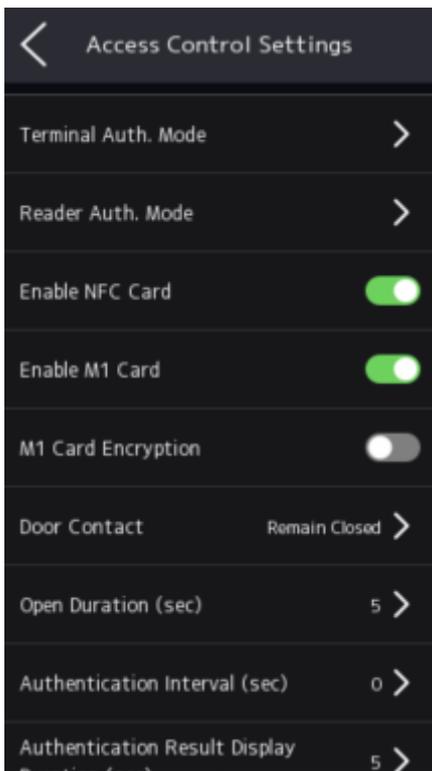
- a. Platform requirement: HCP V2.4.1 or HCAC V2.1.1
- b. Only ISAPI or ISUP protocol supported
- c. Need to set up on platform first. If you enable this function , changes of the person information will be synced from the device to the platform automatically



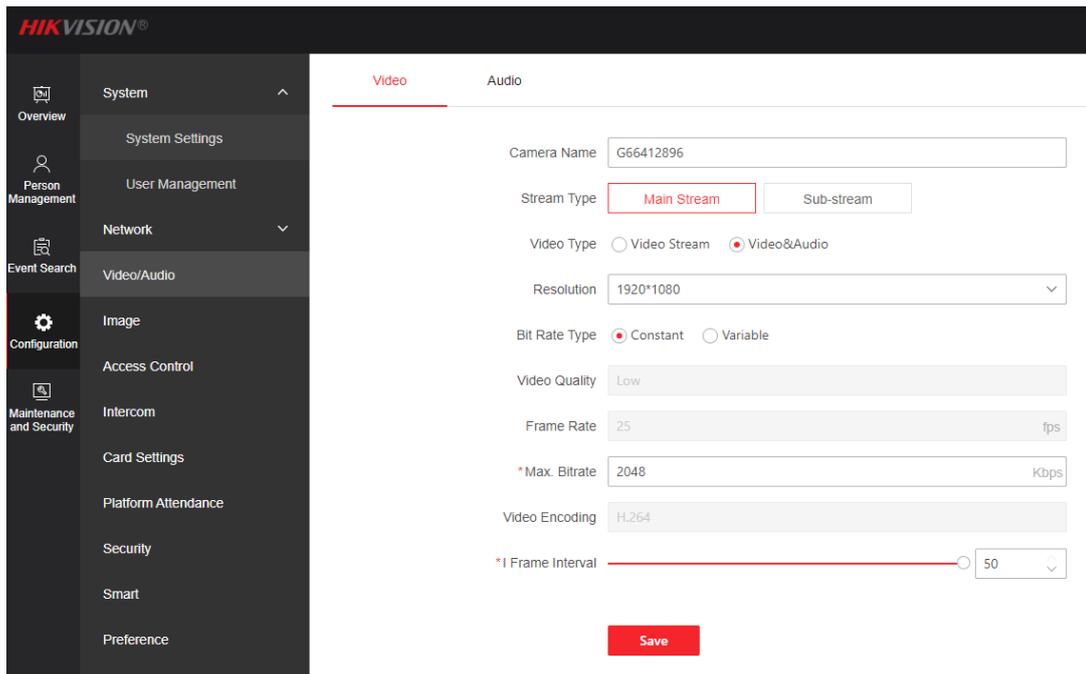
### 4. Supports modifying device password locally



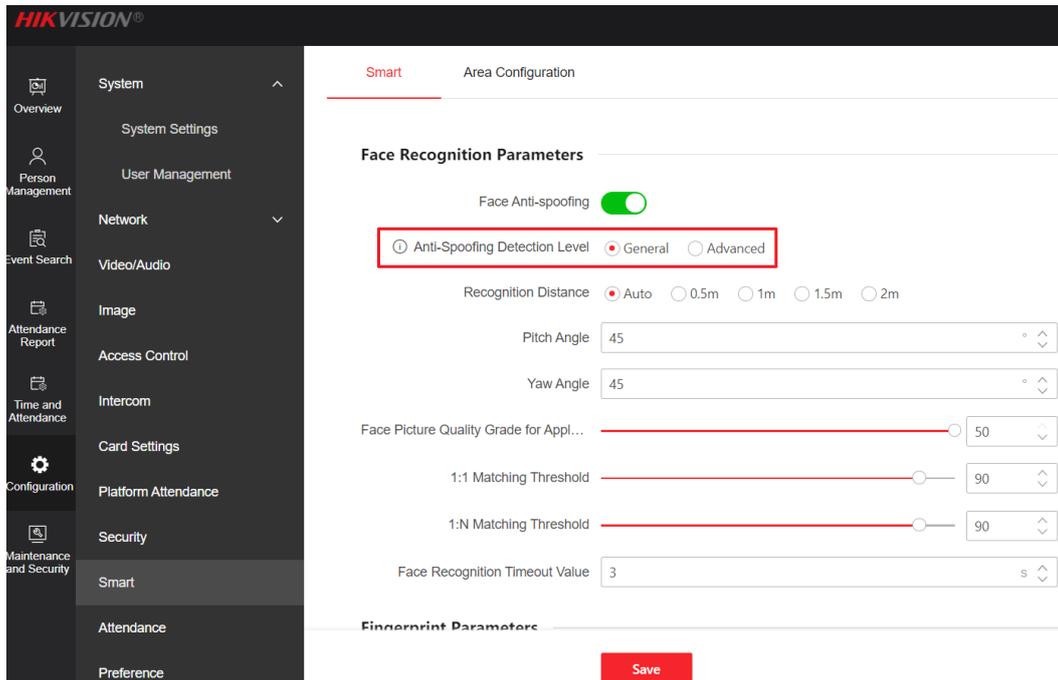
- 5. Supports enable M1 encryption locally

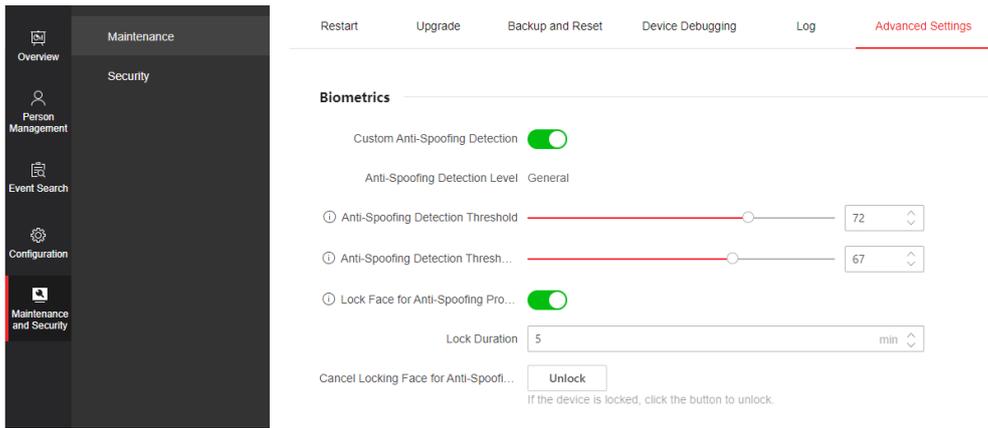


- 6. Support modify I frame interval (NTSC 30 or PAL 25) both on web and local menu.

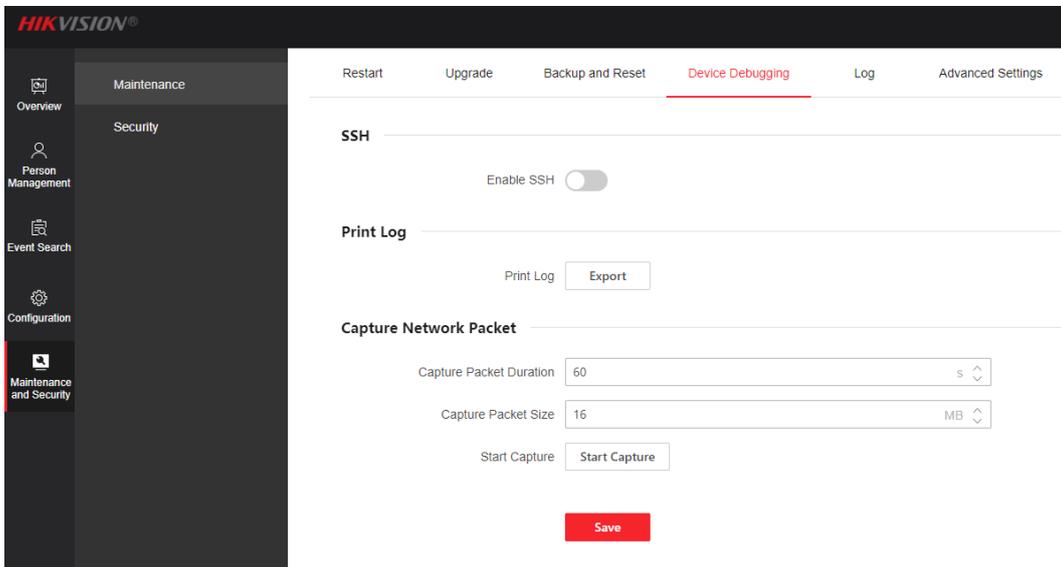


7. Supports 2 anti-spoofing detection level: **General** and **Advanced**. It supports to customize anti-spoofing threshold in advanced settings





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



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

<p><b>Device Model:</b> DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX</p>	<p>Firmware Version</p>	<p><b>ARM:</b> ACS_342_F1pro_EN_STD_V3.3.5_build220210 ACS_342_F1pro_EN_NEU_V3.3.5_build220210</p>
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DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX	SDK	Latest baseline version
<b>Naming Rule:</b> 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. 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)

<b>Device Model:</b> DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX <b>Naming Rule:</b> D for Desfire card, Felica card and M1 card M for M1 card, F for fingerprint, W for Wi-Fi	Firmware Version	<b>ARM:</b> ACS_342_F1pro_EN_STD_V3.3.5_build211229 ACS_342_F1pro_EN_NEU_V3.3.5_build211229
	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**

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)

<b>Device Model:</b> DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX  <b>Naming Rule:</b> <b>D</b> for Desfire card, Felica card and M1 card <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	<b>ARM:</b> ACS_342_F1pro_EN_STD_V3.3.5_build211122 ACS_342_F1pro_EN_NEU_V3.3.5_build211122
	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

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)

<b>Device Model:</b> DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX  <b>Naming Rule:</b> <b>D</b> for Desfire card, Felica card and M1 card <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	<b>ARM:</b> ACS_342_F1pro_EN_STD_V3.3.5_build211110 ACS_342_F1pro_EN_NEU_V3.3.5_build211110
	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. Update the driver to be compatible with new fingerprint materials;

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

<b>Device Model:</b> DS-K1T342EX, DS-K1T342EWX DS-K1T342EFWX, DS-K1T342MX, DS-K1T342MWX DS-K1T342MFX, DS-K1T342MFWX DS-K1T342DX, DS-K1T342DWX <b>Naming Rule:</b> <b>D</b> for Desfire card, Felica card and M1 card <b>M</b> for M1 card, <b>F</b> for fingerprint, <b>W</b> for Wi-Fi	Firmware Version	<b>ARM:</b> ACS_342_F1pro_EN_STD_V3.3.5_build211014 ACS_342_F1pro_EN_NEU_V3.3.5_build211014
	SDK	Latest baseline version
	iVMS-4200 Version	Latest baseline version

## Reason of Upgrade

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



## New Features

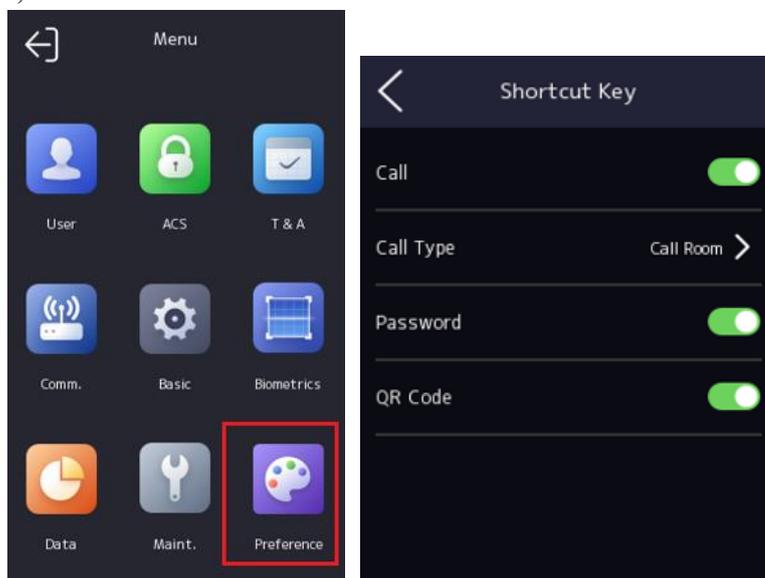
1. 4.3 inch LCD touch screen, 2 MP wide-angle dual-lens camera; IP65 protection level;

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%

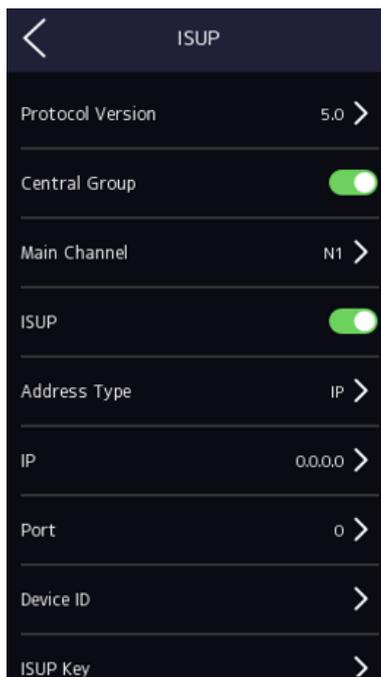
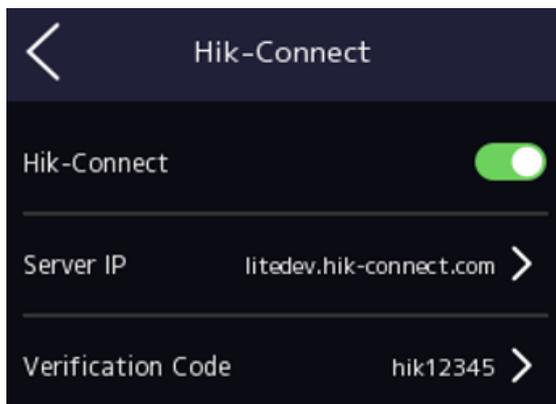
#### 4. Face, card, fingerprint, event capacity

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	1,500	3,000(M1)	Not support	150,000	Not support
DS-K1T342MWX			Not support		Support
DS-K1T342MFX			3,000		Not support
DS-K1T342MFWX	1,500	3,000 (Desfire, Felica, M1)	3,000	150,000	Support
DS-K1T342DX			Not support		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;



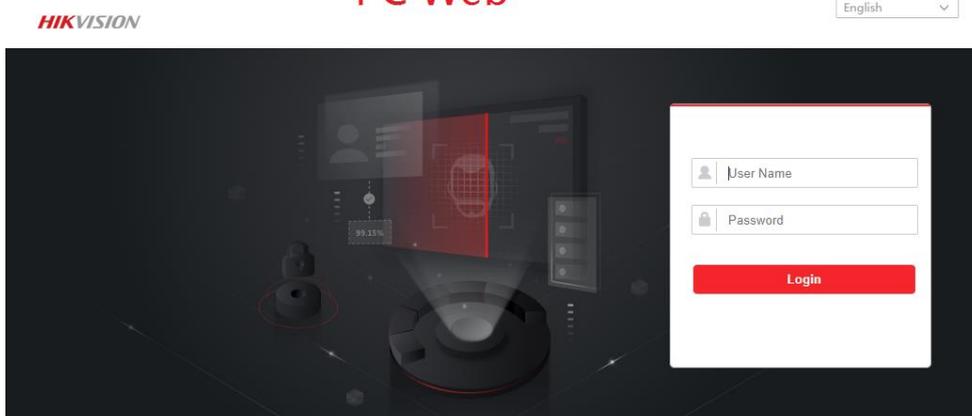
11. Configure ISUP and Hik-Connect parameter in device local menu



12. Login and configure device in web client via PC

browser

## PC Web

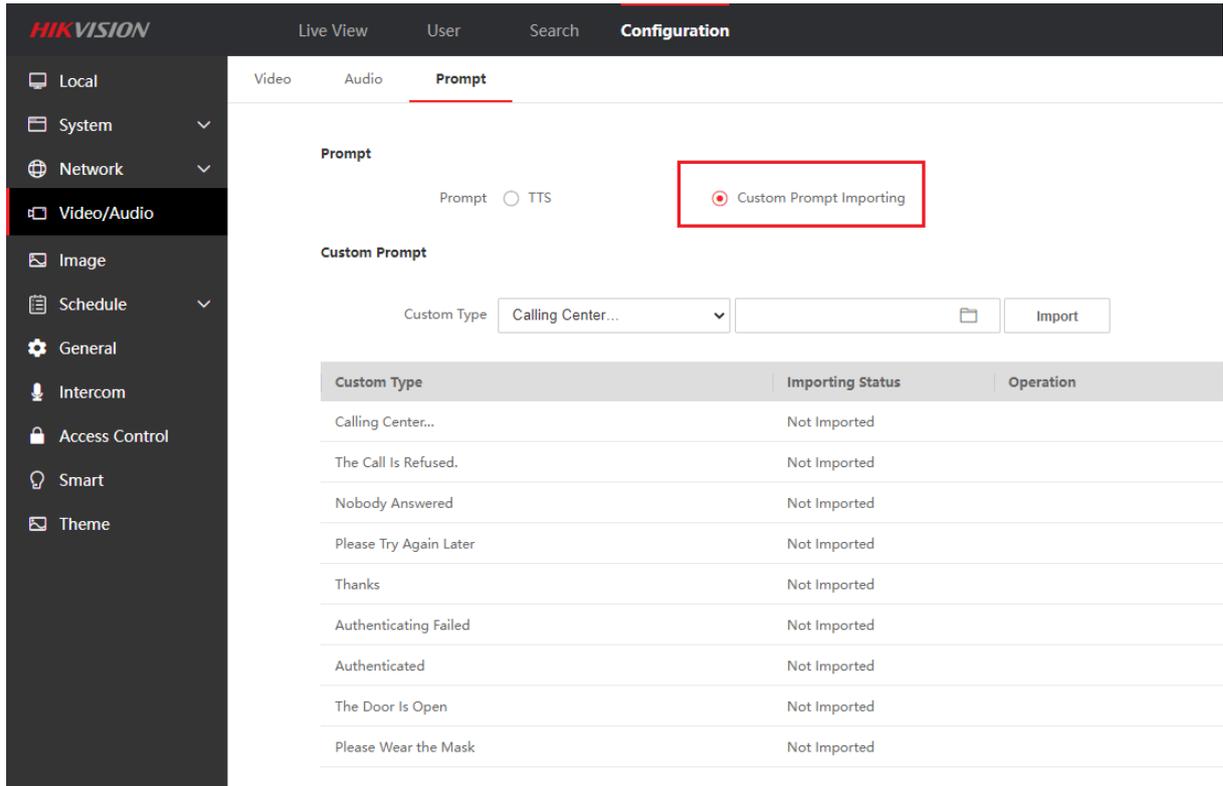


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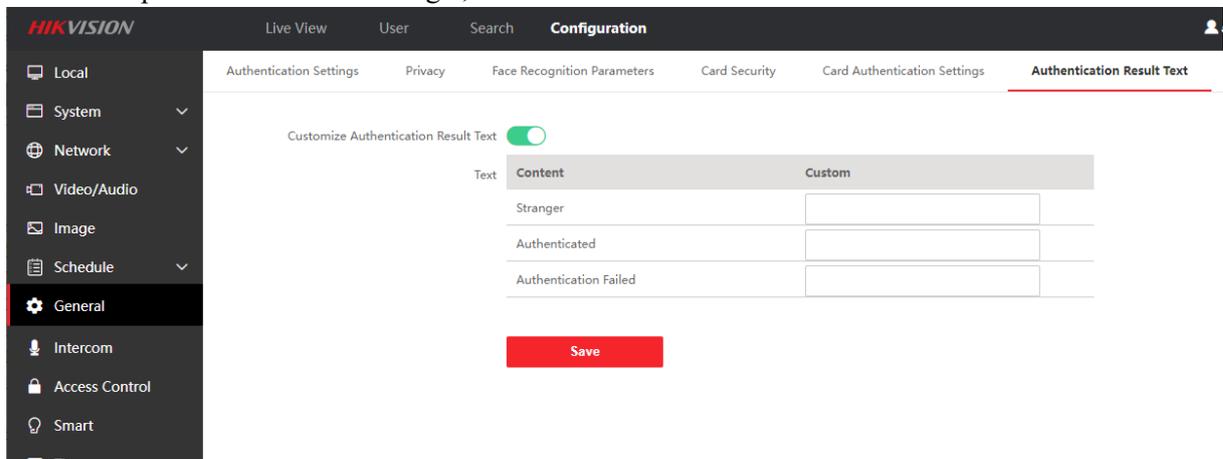
### 13. Support audio file import and replace the default voice prompt

**Note:** imported file format

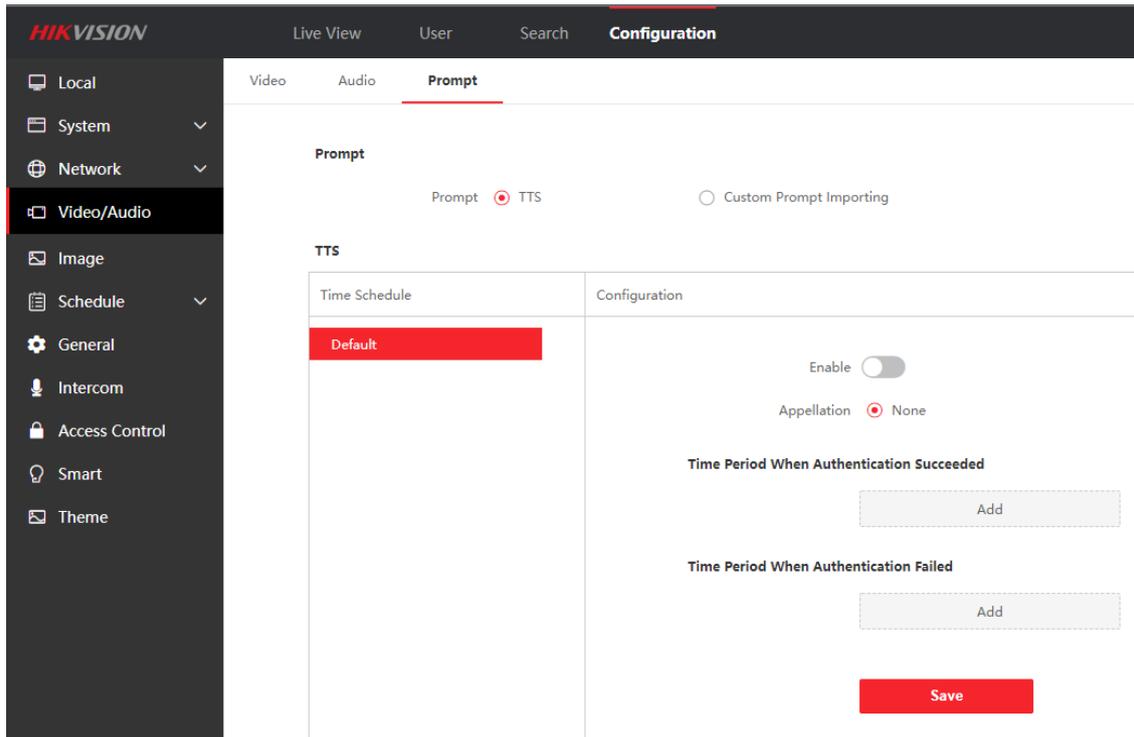
wav format, mono, sampling rate 8K or 16K, size no more than 512K



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;

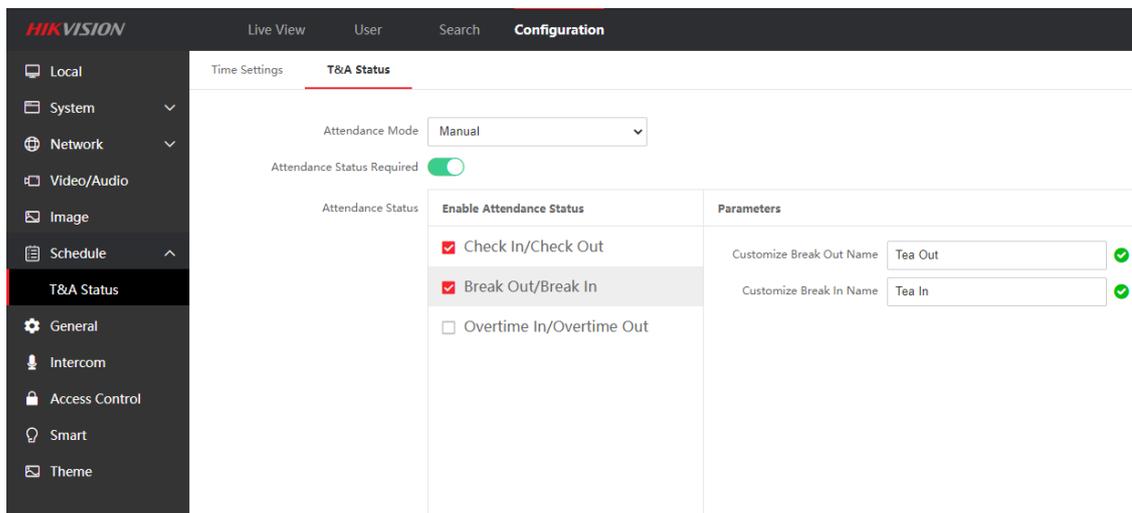


## 16. Network

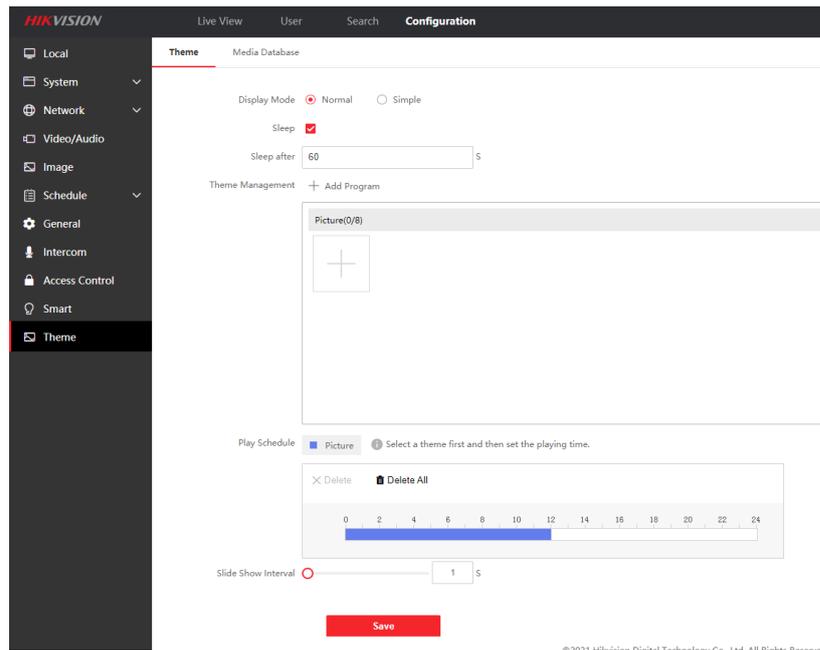
Support TCP/IP and Wi-Fi (model with W only), adapt to LAN(network) or WAN(ISUP 5.0) network environment.

## 17. Function

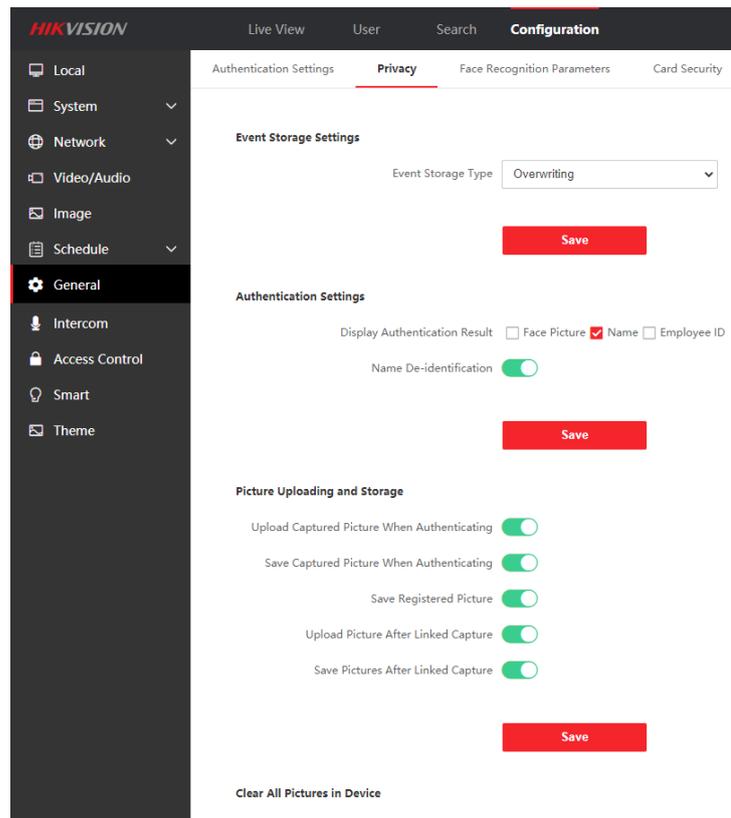
- a. Support face mask recognition.
- b. Video intercom with indoor station, master station and platform;
- c. Multiple verification modes: Face, card, fingerprint(-F only), PIN code;
- d. Support check in/check out/break out/break in/overtime in/overtime out attendance status, and self-define status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