

## DS-K1T681 Series Face Recognition Terminal V4.5.0\_build231019 Release Note (2023-10-19)

<b>Device Model:</b> DS-K1T681DBWX DS-K1T681DBX	Device Firmware Version	ACS_681_A2S_EN_STD_V4.5.0_build231019 ACS_681_OTA_A2S_EN_STD_V4.5.0_build231019
<b>Module Model:</b> DS-KAB681-F DS-KAB681-QR DS-KAB681-QRF	Software	<b>HikCentral AC:</b> <a href="https://www.hikvision.com/en/support/download/software/hik-central-access-control-v2-1/">https://www.hikvision.com/en/support/download/software/hik-central-access-control-v2-1/</a> <b>iVMS:</b> <a href="https://www.hikvision.com/en/support/download/software/ivms4200-series/">https://www.hikvision.com/en/support/download/software/ivms4200-series/</a>
<b>Naming Rule:</b> <b>D</b> for Desfire&Mifare card, <b>B</b> for Bluetooth <b>W</b> for Wi-Fi <b>F</b> for Fingerprint <b>QR</b> for QR Code		

### Reason for Release:

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

### Modified Features

1. Resolve the issue of ios mobile app not being able to automatically open the door via bluetooth..
2. Fix the issue of failed monitoring of indoor units and outdoor units in wifi networking,.
3. Fix the issue of restoring the device to the factory after firmware upgrade.
4. Fix the issue of the platform's failure to distribute faces to devices in large quantities.
5. Fix the issue of uploading errors for bluetooth door opening success events.

## DS-K1T681 Series Face Recognition Terminal V4.0.0\_build221121 Release Note (2023-01-10)

<b>Device Model:</b> DS-K1T681DBWX DS-K1T681DBX <b>Module Model:</b> DS-KAB681-F DS-KAB681-QR DS-KAB681-QRF <b>Naming Rule:</b> <b>D</b> for Desfire&Mifare card, <b>B</b> for Bluetooth <b>W</b> for Wi-Fi <b>F</b> for Fingerprint <b>QR</b> for QR Code	Device Firmware Version	ACS_681_A2S_EN_STD_V4.0.0_build221121 ACS_681_OTA_A2S_EN_STD_V4.0.0_build221121
	Module MCU Firmware Version	ACS_DS-KAB673_ST1_GML_GM_V1.0.3_build20220825
	Software	<b>HikCentral AC:</b> <a href="https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0/">https://www.hikvision.com/en/support/download/software/hikcentral-access-control-v2-0/</a> <b>iVMS:</b> <a href="https://www.hikvision.com/en/support/download/software/ivms4200-series/">https://www.hikvision.com/en/support/download/software/ivms4200-series/</a>

## Reason for Release:

New model DS-K1T681 series Face recognition terminal first time released.



## New Features

### 1. Capacity

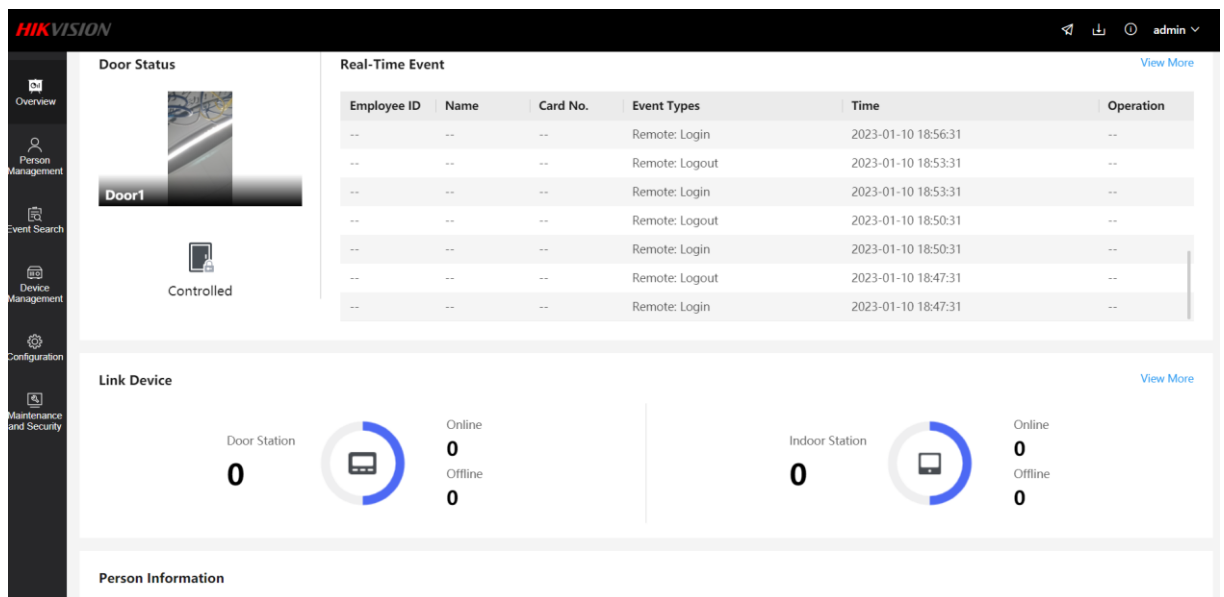
	Face	Card	Fingerprint	Event	Wi-Fi	Bluetooth
DS-K1T681DBWX	100,000	500,000	10,000(with fingerprint module)	500,000	Support	Support
DS-K1T681DBX	100,000	500,000	10,000(with fingerprint module)	500,000	N/A	Support

- Android 11 Operation System. Support **HEOP** integration, support Android original NDK(Native Development Kits) docking development

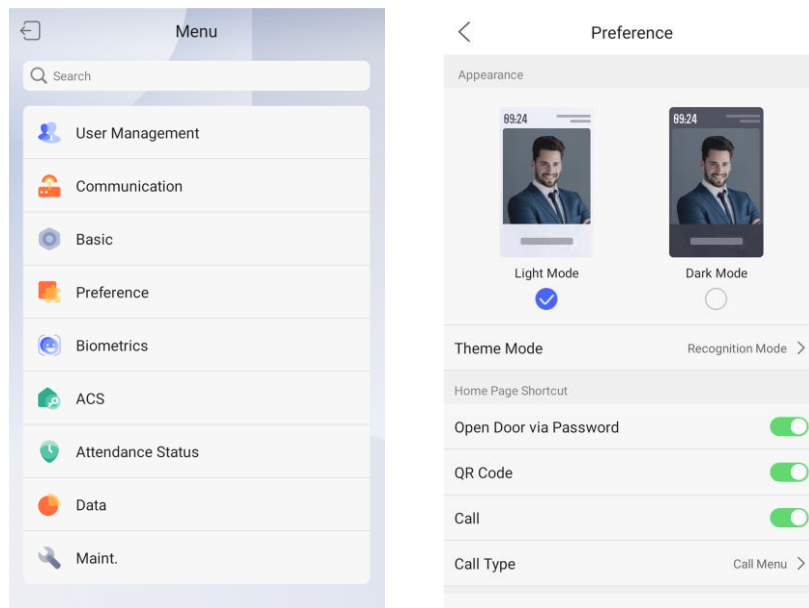
**Note:** this version doesn't support import APK file with web page. APK file need to be installed via ADB commands. Please contact technical support if you need.

- ISAPI** protocol make it easy to integrate with third-party software

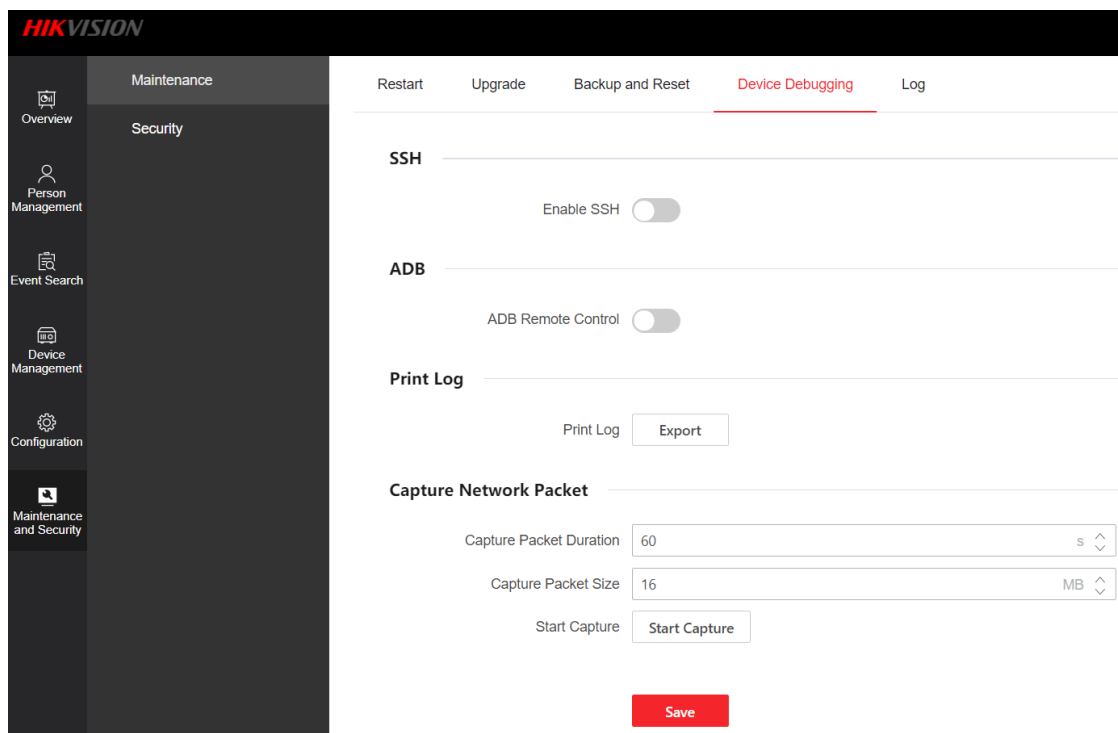
4. Support **ISUP 5.0**(EHome 5.0) protocol to manage devices located in different areas
5. Remote video intercom and unlock door via the **Hik-Connect** App
6. Supports **VoIP** Gateway. The following SIP Servers are supported: Brekeke、miniSipServer、FreePBX
7. **Network**  
Support TCP/IP and Wi-Fi(specified model), adapt to LAN (network) or WAN (ISUP 5.0) network environment
8. Support open door via **Bluetooth**(need to work with Hikcentral Access Control APP 2.0.0 or later version)
9. Support web configuration. User friendly UI design



10. Support Notice publication function. Three type of media supported: Picture, Text and Video.
11. Newly designed local UI
  - a) 2.0 UI system, dark mode and light mode available
  - b) User management displayed with format of address book
  - c) Quick operation menu



12. High video intercom security level. Supports to communicate with indoor station through SIP 2.0 protocol, improving intercom security.
13. Supports VoIP Gateway. The following SIP Servers are supported: Brekeke、miniSipServer、FreePBX
14. Easy maintenance. Supports capturing network packet on web page, enabling ADB function on web page.



## Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect automatically after upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this action.

For questions or concerns, please contact our local technical support team.

Note:

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