HIKVISION

DS-K5603-Z Face Recognition Terminal
V1.1build180827 Release Notes

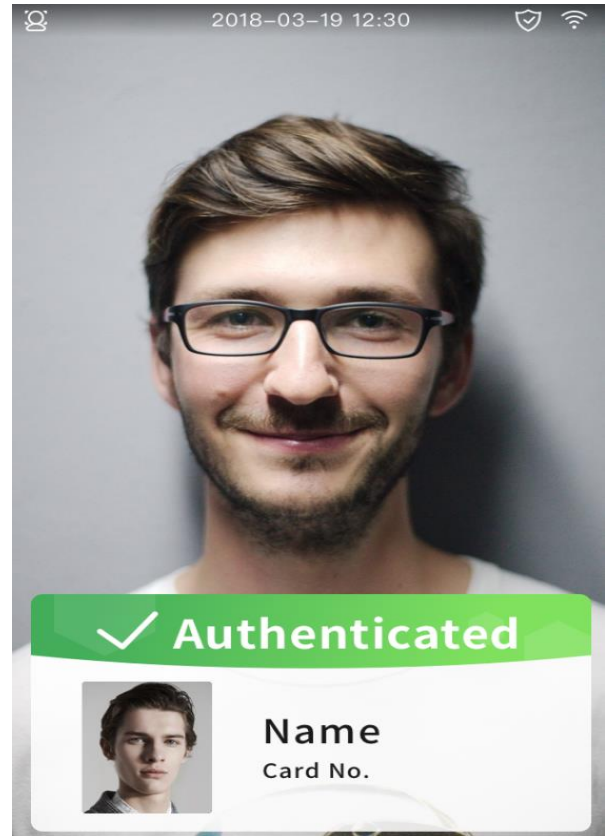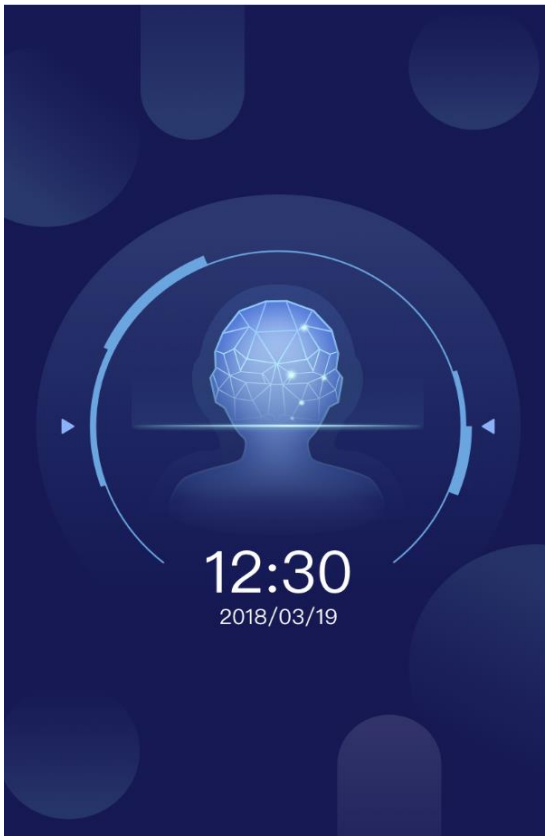| **Device Model:** DS-K5603-Z	Firmware Version	ARM: ACS_5603_15_AI0_CN_GM_V1.1.0_build180827 MCU: ACS_DS-K560X_GML_GM_V1.0.0_build180706
	SDK Version	HCNetSDKV5.3.6.15_build20180705_win32
	4200 Version	V2.6.10.14 build20180824
	Ehome Version	EhomeSDK_V1.2.1.13_build20180803_win32

Note: Upgrade both MCU and ARM firmware together for fully upgrade.
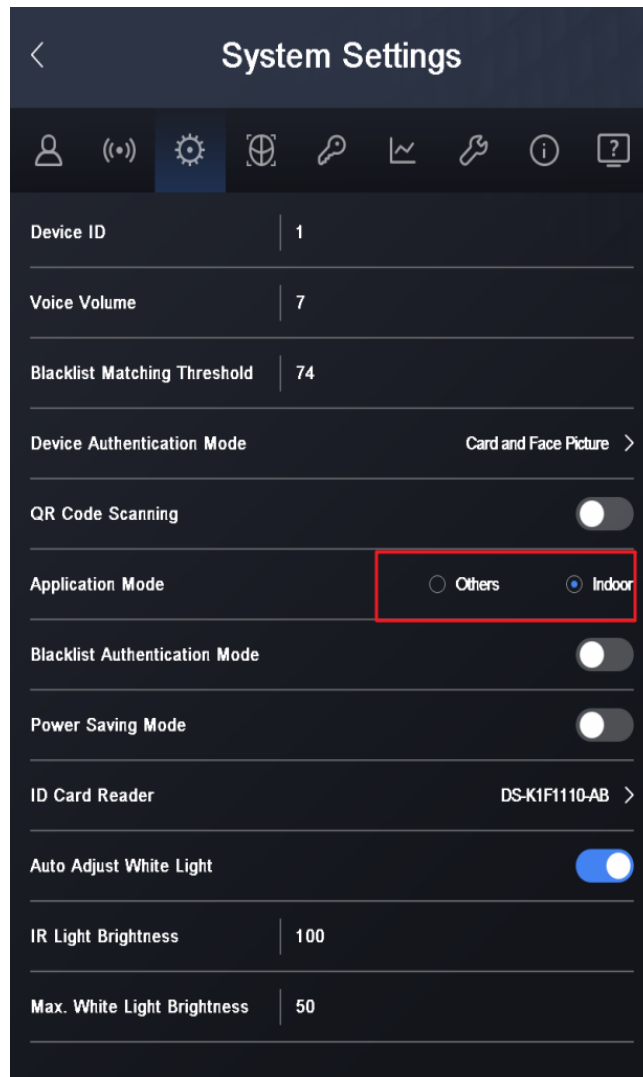
Reason of Upgrade

Add or modify functions, fix bugs, enhance products quality and meet customers' requirements.
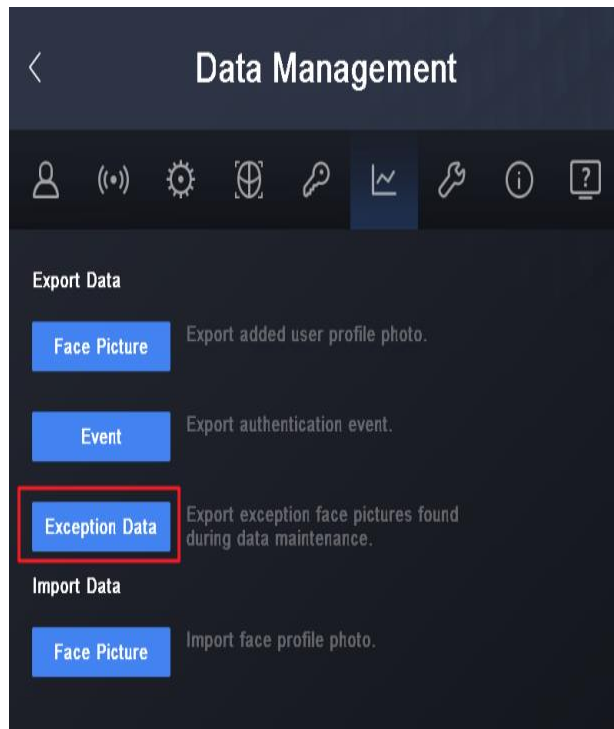
Modified Features

1. Improved face recognition algorithm and live face detection algorithm. When upgrade from V1.0 firmware to V1.1, all face pictures information will be re-modeled. If re-model failed for particular face picture, the information will up load to client software.
2. New UI style design.(Examples: standby mode UI and full screen authentication UI)

3. After activating the device, you can select **Indoor** or **Others** application mode for better device application. You can also change the application mode in System Settings later.

4. When you use virtual keyboard, now you don't need to quit virtual keyboard first to click other button, other button are always ready to click.
5. **Default Settings** will delete all user information while keep all events information.
6. When using Ehome communication, devise still support apply, get, delete or remote collect face picture by client software.
7. Face picture and modeling information can applied simultaneously.
8. If someone try a user's face photo too many times when live face detection is on, the device will lock this user's face, you need wait 5 minutes or use real face to successfully authenticate 3 times to unlock this user.
9. If put upgrade firmware in USB disk, device will upgrade automatically when power on.
10. On Standby mode, screen will show date and time status.
11. Add 'Exception Data' icon to export exception data to the USB flash drive.

12. Add 'System Information' tag to view the total capacity and the usage of the face pictures, card, event, and fingerprint;

13. You can check device name, the software version, the firmware version, and the open source code license in 'Device Information' tag .

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.

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