DNAKE C-series Linux Door Station Release Notes of Version 3.3

1. Introduction

In this update, we have added and improved more than 30 features, with a strong focus on deep integration with the DNAKE cloud platform, delivering enhanced security, flexibility, and personalization for access management. Newly added support for CMS management enables localized centralized control. Support for door forced-open scheduling and emergency remote unlocking addresses diverse real-world security scenarios. Meanwhile, multiple convenient unlocking methods such as temporary passwords, offline QR codes, and NFC (Android) have been introduced to further enrich the user access experience. In addition, this release supports language pack imports and custom prompt tones, allowing the device to be better tailored to individual user preferences.

- Firmware Version：170SD_1_3_3_10_GA_20261123 or above
- Applicable Model：C112

2. New Features

- Support for CMS management
- Support for the new Cloud Server node in Japan
- Support for synchronizing "Customized" type persons from the cloud platform

- Support for managing room permissions for door station monitoring, calling, and unlocking via the cloud platform
- Support for reporting door sensor alarm, fire alarm, and tamper alarm to the cloud platform
- Support for cloud-based door forced-open schedule, allowing the door lock to open automatically during specified time periods
- Support for remote door open/close control via the cloud platform for emergency evacuation
- Support for unlocking with temporary passwords
- Support for offline QR code unlocking
- Support for NFC unlocking via the APP (Android only)
- Support for AES encryption/decryption for QR codes to enhance unlocking security (QR codes generated by the APP are AES-encrypted, and the door station performs AES decryption when scanning for unlocking)
- Support for configurable re-authentication interval to prevent repeated unlocking by the same person within a short period, avoiding tailgating
- Support for customizing relay names and enabling/disabling relay configuration in WebUI
- Support for extended relay configuration in WebUI
- Support for DTMF configuration in WebUI
- Support for DTMF type via SIP INFO

- Support for configurable local card authentication in WebUI
- Support for configurable card reader LED in WebUI
- Support for PIN code transmission via Wiegand
- Support for selectable Wiegand transmission mode (input mode / output mode)
- Support for AVPF toggle configuration in WebUI
- Support for RTP port configuration in WebUI
- Support for configuring account-triggered door station calls in WebUI
- Support for dual-stream
- Support for RTSP video stream parameter configuration
- Support for RTSP video stream OSD configuration
- Support for SIP call video stream parameter configuration
- Support for configuring video-only outgoing calls in WebUI
- Support for importing Web language packs in WebUI
- Support for configuring custom prompt tones and adjusting volume in WebUI
- Support for scheduled reboot configuration in WebUI
- Support for displaying Bluetooth version number
- Support for firmware upgrade via ROM package (.rom format)
- Support for elevator control integration over LAN, enabling floor activation for the corresponding room number after card swiping

- Support for integration with Control 4 to achieve functions such as calling and unlocking
- Support for HTTP Event
- Support for Web Relay Action configuration
- Support for HTTP API (updated to version 3.2)
- Support for displaying device model and cloud registration switch status in the upgrade tool

3. Optimization

- Optimized the call logic

4. Bug Fixes.

- Fix some bugs