

Title:	RN iVMS-4200 v2.8.2.2 040419NA	Version:	v2.8.2.2	Date:	040419
Product:	iVMS-4200	Build:	190128	Page:	1 of 4
Action Required:	None, Information Only				

General Information

This document briefly introduces the new functions and features in the following versions:

- **iVMS-4200 v2.8.2.2** — updated from v2.8.1.4
- **iVMS-4200 v2.8.1.4** — updated from v2.7.2.7

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iVMS-4200 v2.8.2.2_190128

Table 1: Software version information

Software Version	V2.8.2.2_20190128
Network SDK Lib	V5.3.6.42_20190111
Play Lib	V7.3.6.61_20181010
VCA Config Lib	V3.4.25.2_20180228
SADP Lib	V4.2.3.2_20180124

- **Remote Playback:** Improved stability of remote playback via Hik-Connect.
- **Access Control:** Duress code, super code and dismiss code need more than four digits to take effect.
- **Time and Attendance:** Optimized functionality.
 - Disabled person card swiping records can be used as attendance records.
 - Daily attendance record can be sent via email.
- **General:**
 - Improved language translations.
 - Fixed miscellaneous bugs.

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iVMS-4200 v2.8.1.4_181124

Table 2: Software version information

Software Version	V2.8.1.4_20181124
Network SDK Lib	V5.3.6.41_20181024
Play Lib	V7.3.6.61_20181010
VCA Config Lib	V3.4.25.2_20180228
SADP Lib	V4.2.2.2_20180828

- **Main View:** Added and optimized video controls.
 - Added a new mode of fisheye expansion named 'half sphere'
 - Added regional exposure and regional focus buttons in PTZ control (supported by select PTZ models).
 - Added Synchronize FOV button to PTZ controls for supported thermal-optical cameras.
 - Optimized the effect of manually plotting the temperature detection area for thermal cameras.
- **Behavior Analysis:** Support searching by alarm type.
- **Face Recognition Check-in:** Shows number of check-ins per person including the people with zero check-ins.
- **Heat Map:** Added statistics "By People Number" in addition to "By Dwell Time".
- **AI Dashboard:** Added AI Dashboard module with intelligent applications in one module for unified display.
 - Optimized the GUI with a new high-tech style.
 - Customizable face picture library attributes: blacklist, VIP, repeat customer, common
- **Queue Management:** Added Queue Management module.
 - Supports regional queue statistics based on number of people in queue and time waiting in

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queue.

- **Device Management:** Optimized configuration functions.
 - When activating NVR, default IPC on the POE ports can be activated simultaneously.
 - Configure the email address for password reset during device activation or configuration.
 - Added password reset via reserved email address to SADP functions.
 - Optimized Wiegand parameter configuration and added Wiegand 27 and Wiegand 35 modes.
 - Supports remote configuration via HTTPS when the device has HTTPS enabled.
- **Access Control:** Optimized the access control wizard and other features and functions.
 - Optimized the access control wizard to help users learn the configuration logic of access control.
 - Added the wizard button to the lower left of the Access Control module.
 - Added flow chart to wizard to provide a better understanding of the configuration logic
 - Added a mechanism to verify each step before proceeding. For example, users cannot proceed to the next step without adding any devices.
 - Added automatic backup function to the wizard.
 - Simplified each page of the wizard by removing unnecessary configuration.
 - Removed the duplicate Device Management module from Access Control.
 - Added the Model Fail Face tab to show faces that failed modeling.
 - Added ability to add and remove function tabs in Advanced Functions.
 - Removed the 1-month limitation for log searching.
 - All devices are selectable instead of one.

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- The video playback windows can be maximized.
- **Video Intercom (in Access Control):**
 - Changed the unlocking prompt tone from the main preview and call answering pages.
 - One indoor station or room number can be associated with multiple people.
- **Status Monitoring:** Optimized the Status Monitoring module.
 - Deleted the Access Alarm Event tab. The Alarm Event module can be used for centralized viewing.
 - Integrated door control and access control modules into one page to simplify operation and viewing.
 - Can now show all access points from all groups.
 - For access control devices with video channels, snapshots can pop-up after clicking on snapshots, and there is a button to open and close the door.
 - If an access control point is associated with a video channel (configured in the Event Management module), the related snapshots and recorded videos can be viewed.