



iVMS-4200 Client Software V3.2.0
Release Notes

User Manual

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Chapter 1 Introduction

1.1 Overview

iVMS-4200 is versatile video management software for the DVRs, NVRs, IP cameras, encoders, access control devices, security control panels, video intercom devices, VCA devices, etc. It provides multiple functionalities, including real-time live view, video recording, remote search and playback, file backup, alarm receiving, etc., for the connected devices to meet the needs of small and medium-sized projects.

1.2 Product Version

Product Name	Date
iVMS-4200 V3.2.0	2019-12

1.3 Related Component Versions

Related Component	Version	Date	Latest Version or Not
Player	V7.3.7.45	2019-10-23	Yes
EHome SDK	V6.1.3.15	2019-11-7	Yes
Network SDK	V3.2.1.2	2019-10-28	Yes

Chapter 2 What's New

2.1 Added

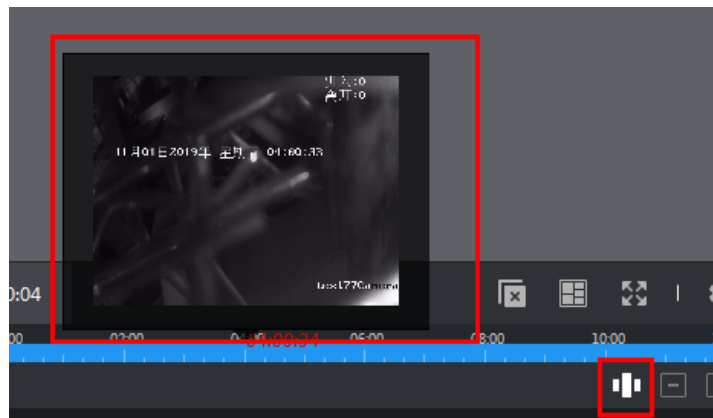
2.1.1 Main View & Remote Playback

Live View	Supports locking the client in full-screen mode and exiting full-screen mode.
	Added Cylinder mode for fisheye expansion.
Playback	Supports downloading recorded video footage in AVI format.
	Supports displaying thumbnail of playback.

1. Supports locking the client in full-screen mode and exiting full-screen mode.
2. Added Cylinder mode for fisheye expansion.



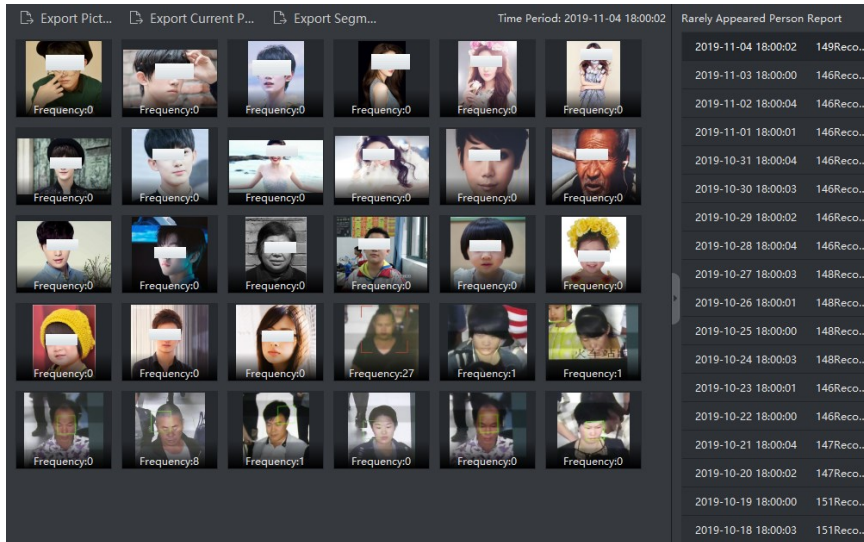
3. Supports downloading recorded video footage in AVI format.
4. Supports displaying thumbnail on playback timeline.



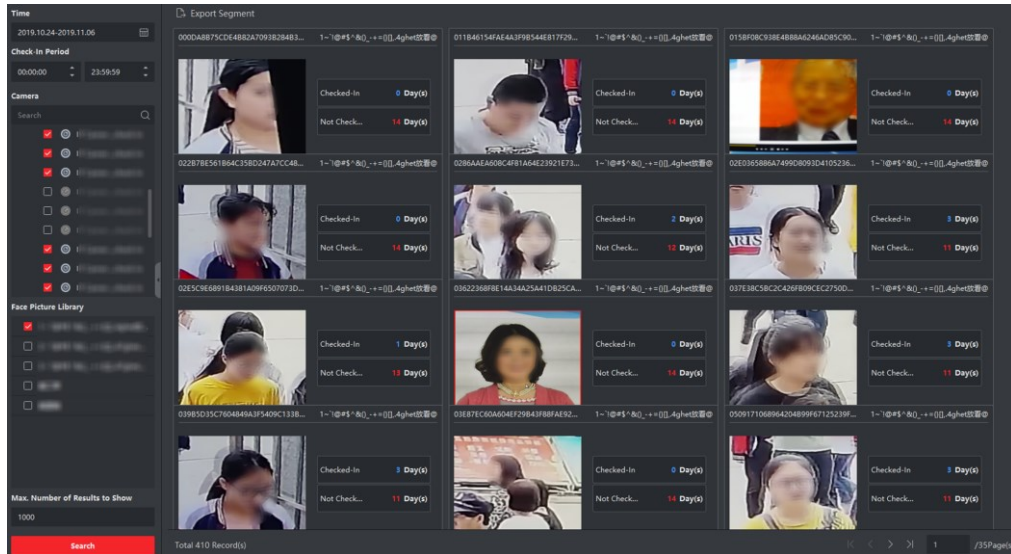
2.1.2 Data Retrieval

Search Rarely Appeared Person	Added Rarely Appeared Person Search function, and supports searching and viewing history Rarely Appeared Person alarms.
Facial Recognition Check-in	Search check-in records performed by facial recognition to view detailed check-in information.

1. Supports searching alarms triggered by rarely appeared persons in devices, and the searching results can be displayed on the Client showing detailed report and picture of each alarm. You can view the detailed appearing frequency of each person and save the reports in the current computer.

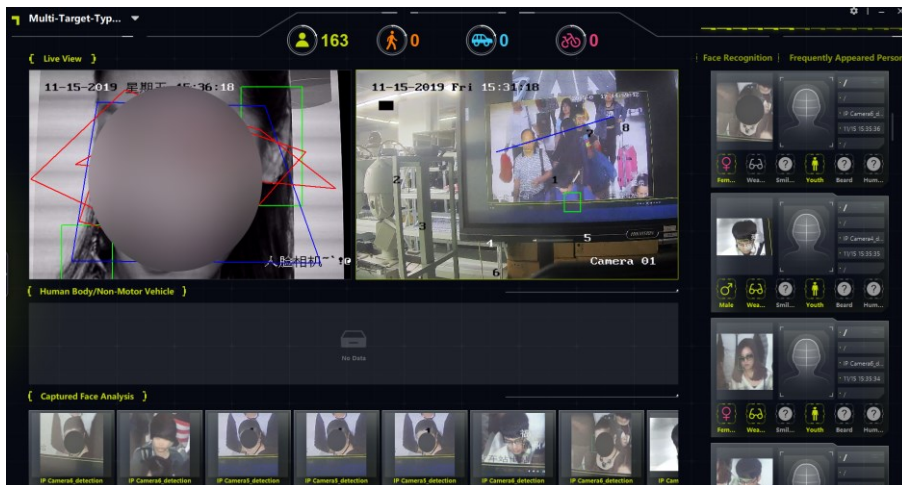


2. You can search for the attendance records of the persons who checked in by facial recognition during specified period and save the searching results in the current computer. Moreover, you can view a person's attendance times, late attendance times, early leave times, etc.



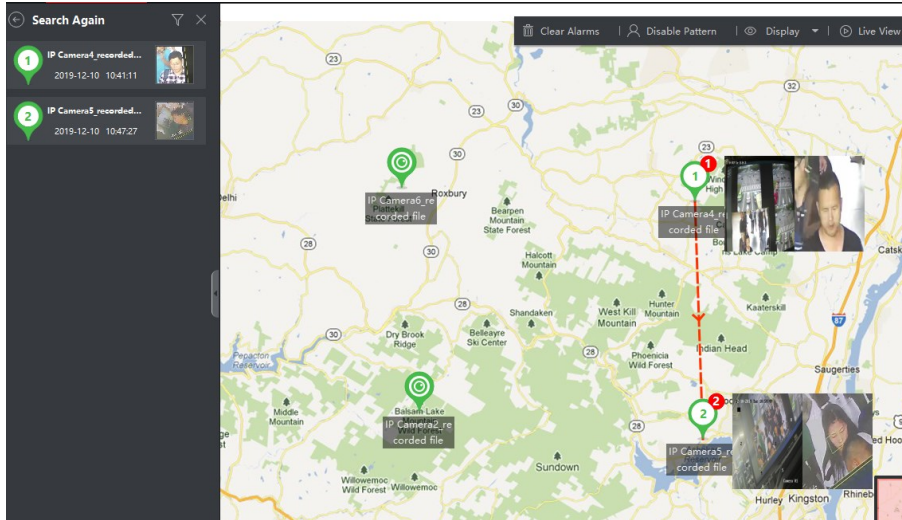
2.1.3 AI Dashboard

Added Multi-Target-Type Detection that refers to a function that recognizing and capturing multiple types of detected targets including faces, human bodies, motor vehicles, and non-motor vehicles. When the device detects targets, you can view live view, captured pictures, and target features. Alarms can be triggered for high similarity between captured face/human body picture and the one in picture library, or high/low appearing frequency of a person/vehicle, or an appearance of a vehicle in the black list, etc.



2.1.4 E-Map

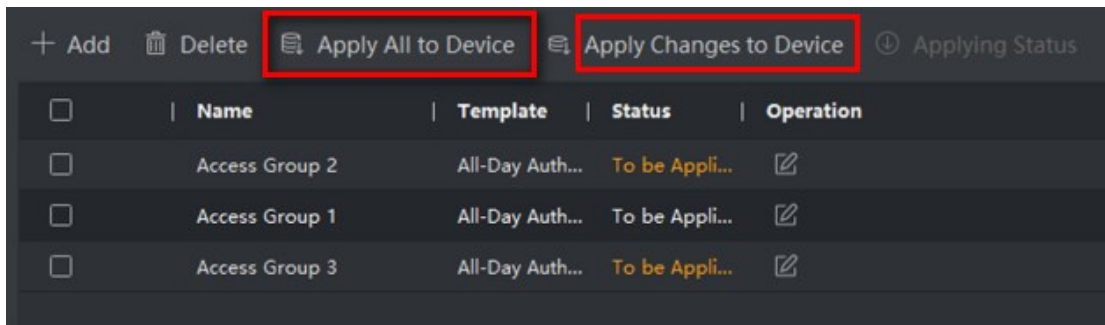
With the help of facial recognition devices, you can view the target person's moving pattern on the map, which is generated by several cameras' locations. E-map allows you to search and view the moving pattern of an individual (such as a suspect, a missing child, etc.) on the map to help finding her/him.



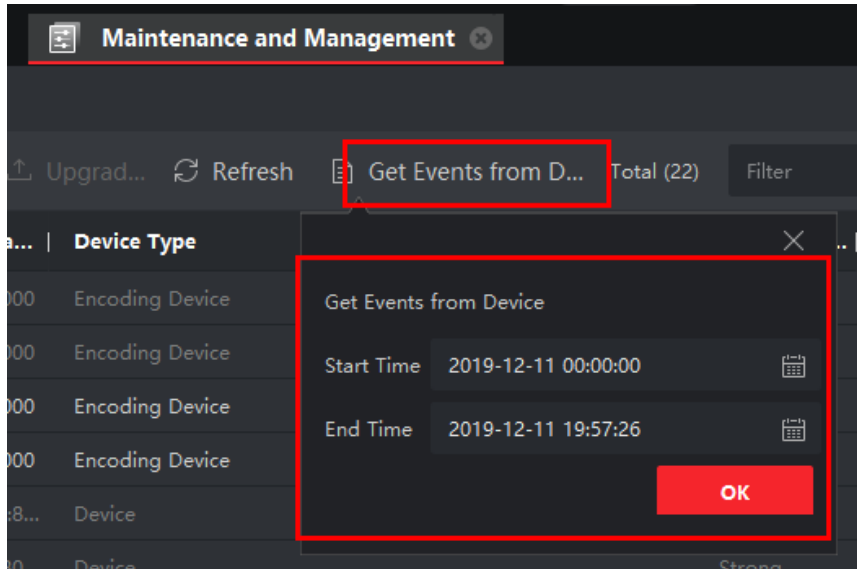
2.1.5 Access Control

Application	Supports applying face pictures to facial recognition terminals.
Access Control Event	Supports synchronizing events saved in access control devices to Event Center module.
Video Intercom	When the door station works as outer door station, supports calling residents of different buildings via the door station.

1. Supports applying face pictures to facial recognition terminals (such as DS-K1T671 series and DS-K1T331 series).



2. Supports synchronizing events saved in access control devices to Event Center module.

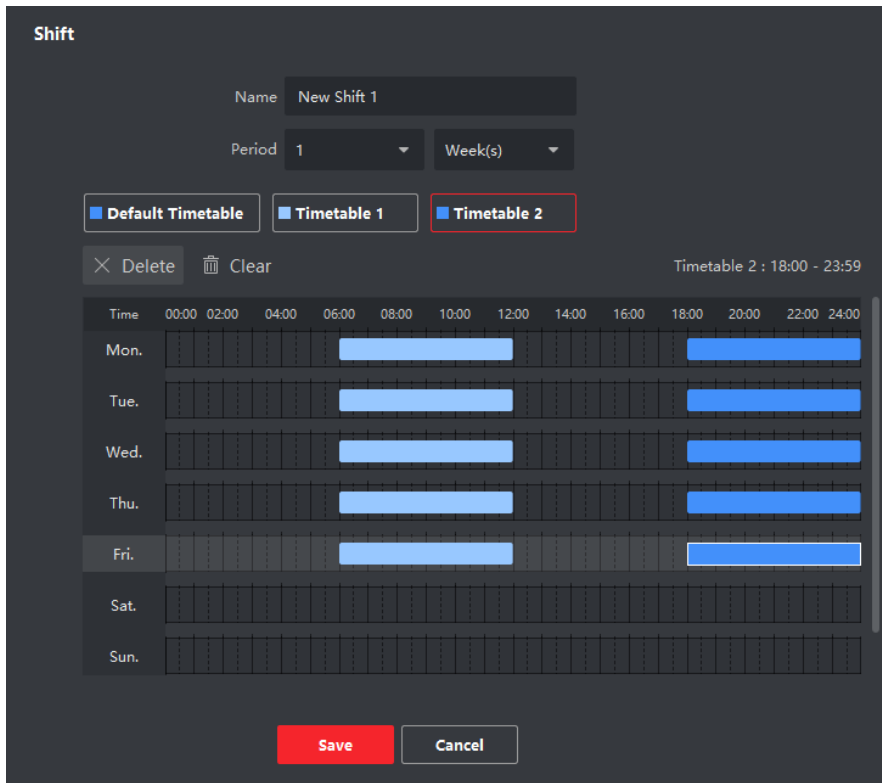


3. When the door station works as outer door station, supports calling residents of different buildings via the door station.

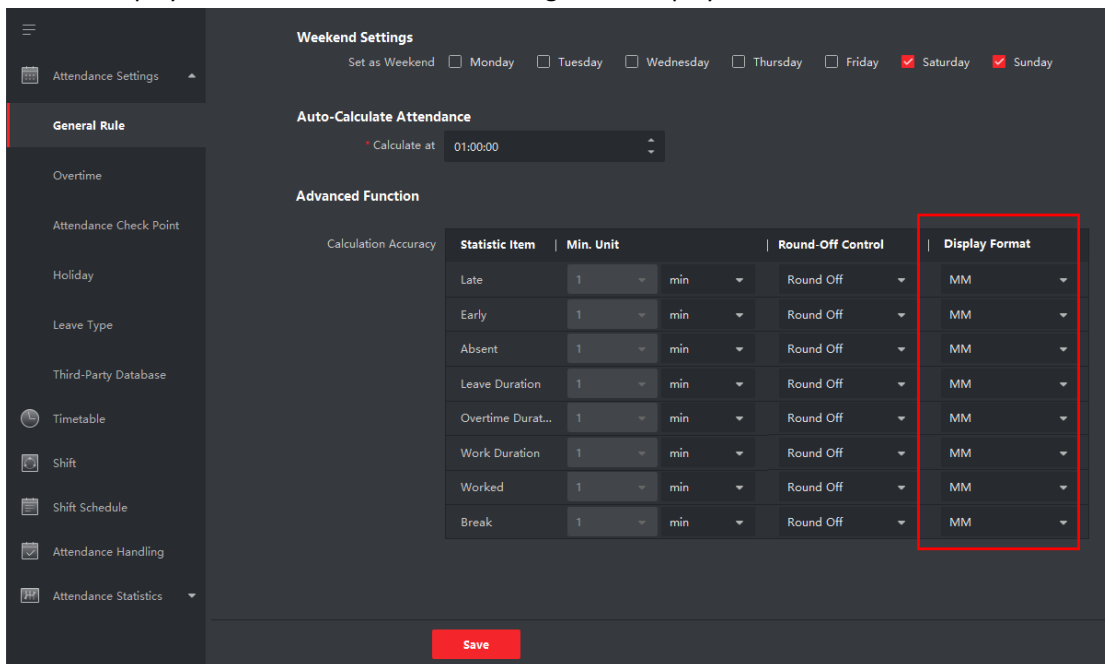
2.1.6 Time and Attendance

Supports Multiple Timetables in One Shift	Up to 8 timetables can be added in one day of the shift settings.
Add Display Format in Calculation Accuracy	Added display format settings. The client will display the attendance results according to the display format.
Third-Party Database	Supports MySQL database.
Attendance Record	Added custom export. Supports searching attendance handling records.
Attendance Calculation	Supports customizing columns to be displayed.

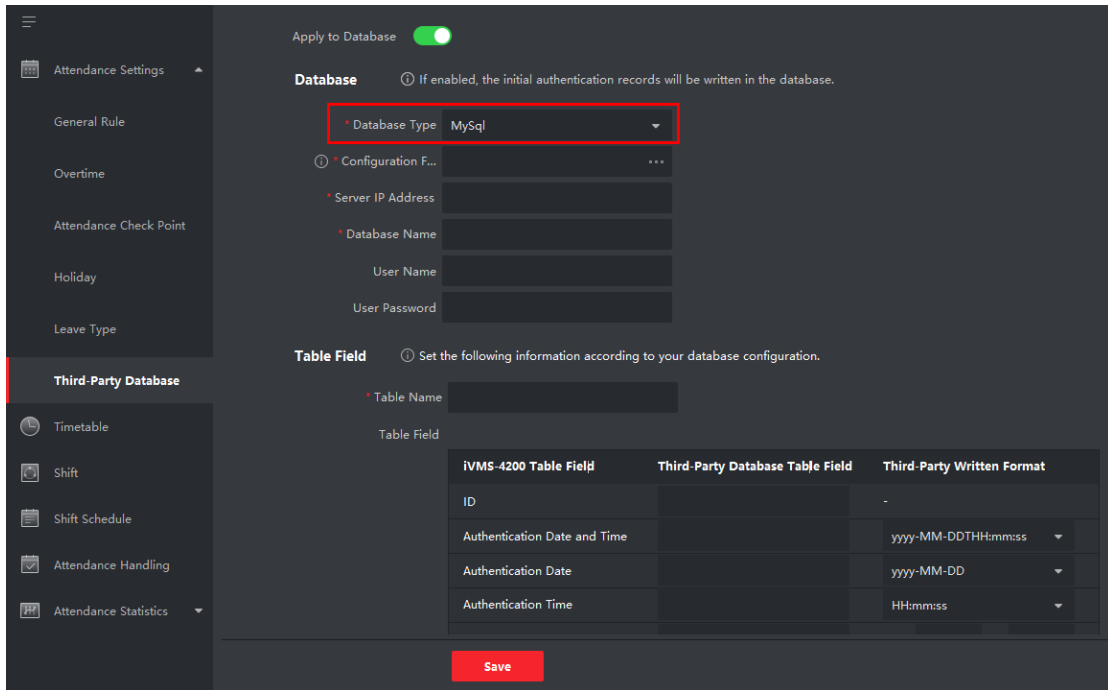
1. Supports adding multiple timetables in one shift. Up to 8 timetables can be added in one day of the shift settings. The client will calculate the attendance records and generate attendance reports according to these timetables.



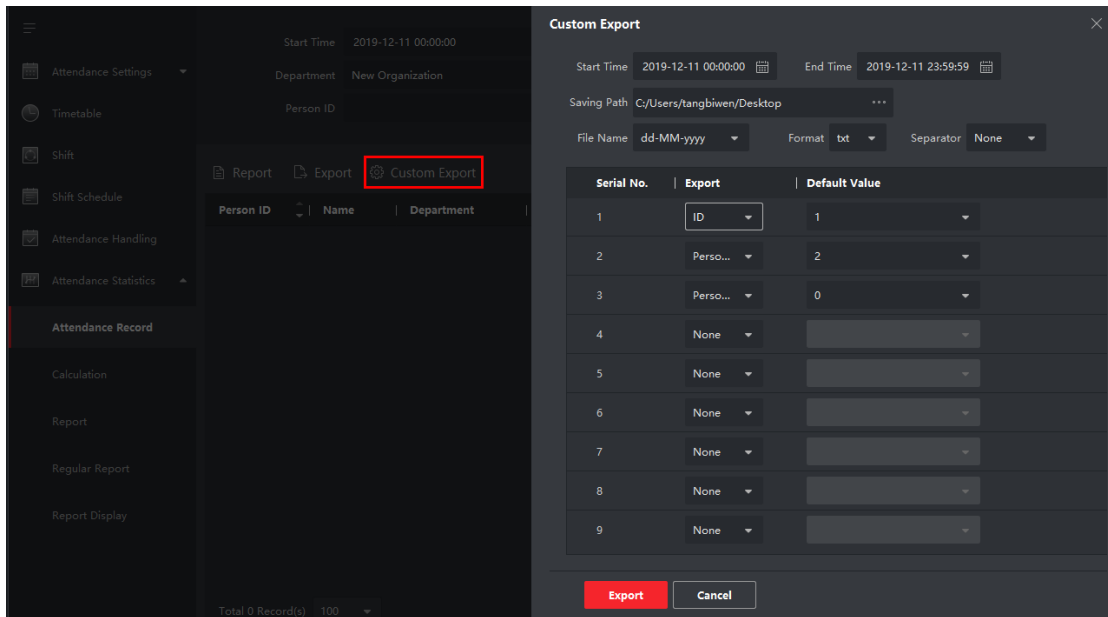
2. Added Display Format in **Attendance Settings > General Rule > Calculation Accuracy** settings. The client will display the attendance results according to the display format.



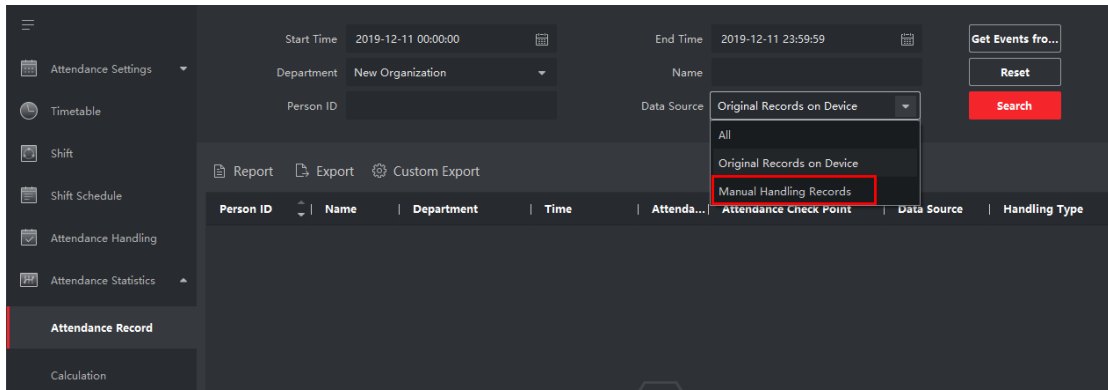
3. In **Attendance Settings > Third-Party Database**, newly supports database type: MySQL.



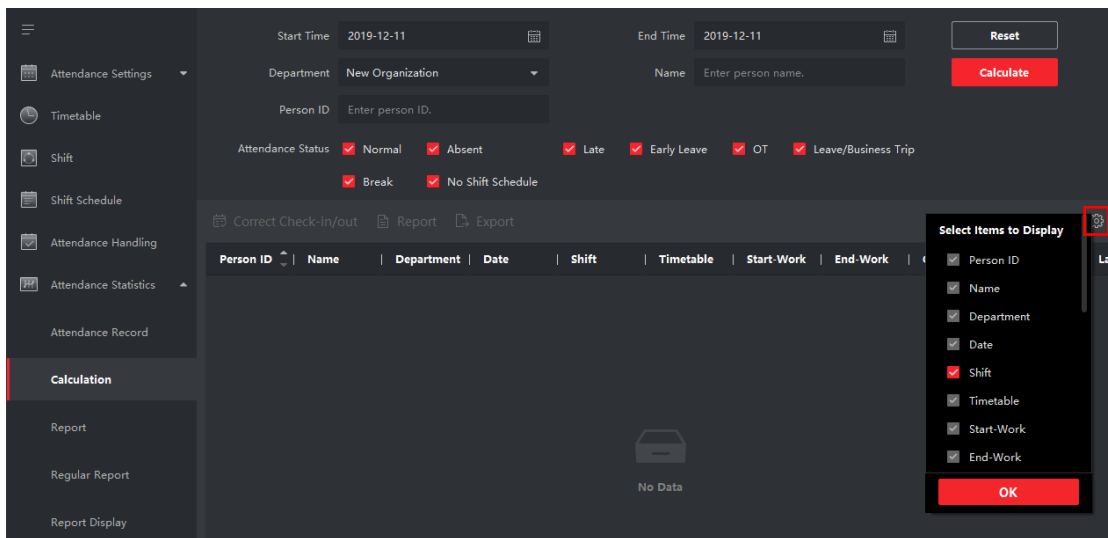
4. In **Attendance Statistics > Attendance Records**, supports customizing the contents to be exported.



5. In **Attendance Statistics > Attendance Records**, supports searching the attendance handling records (including check-in/out correction records and applying for leave or business trip) by setting the data source.



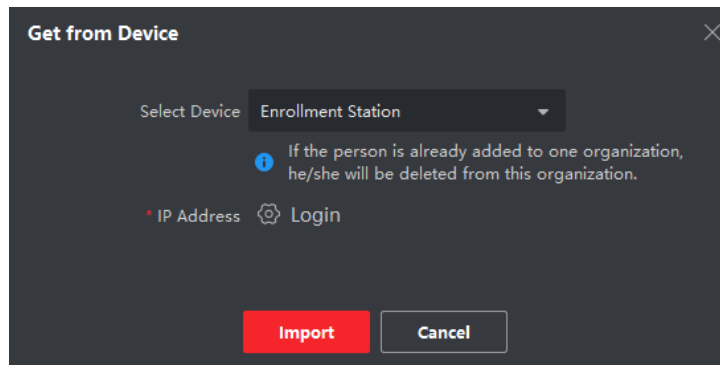
6. In **Attendance Statistics > Calculation**, supports customizing the columns to be displayed in the table as well the columns in the exported reports.



2.1.7 Person

Supports Enrollment Station	Enroll card numbers, fingerprints and faces by Enrollment Station.
	Get person information from Enrollment Station.
Add Person	Select Villa Door Station to issue cards to persons.
Import/Export Persons	Supports importing/exporting room No. and floor No. when importing/exporting person information.

1. Supports adding Enrollment Station to the client. When adding a person, supports enrolling card numbers, fingerprints, and faces by the added Enrollment Station.
2. In **Person > Get from Device**, supports getting person information from certain Enrollment Station.



3. When issuing a card to one person, supports selecting a Villa Door Station to read the card number and issue to the person.
4. Supports importing/exporting room No. and floor No. when importing/exporting person information.

2.1.8 Monitoring

Supports getting and displaying pictures captured by devices accessed by ISUP4.0 protocol. Picture details will also be displayed.

2.1.9 Remote Configuration

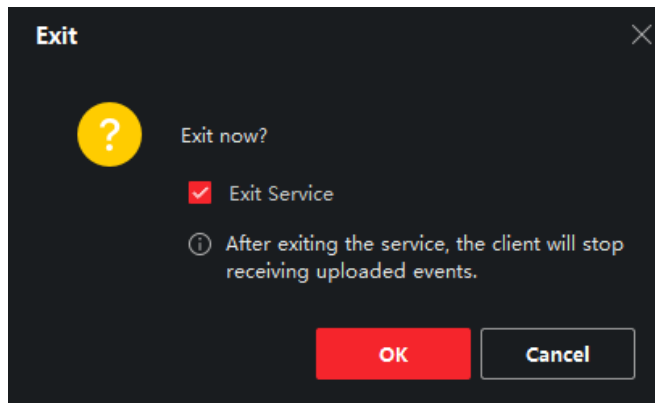
Intercom	Ring duration configuration for indoor station
Day and Night Switch	Supports door station's day and night switch.

System Maintenance	Supports upgrading sub-modules of module door station remotely.
Video Monitoring	Supports viewing live view of an indoor station's linked network camera.

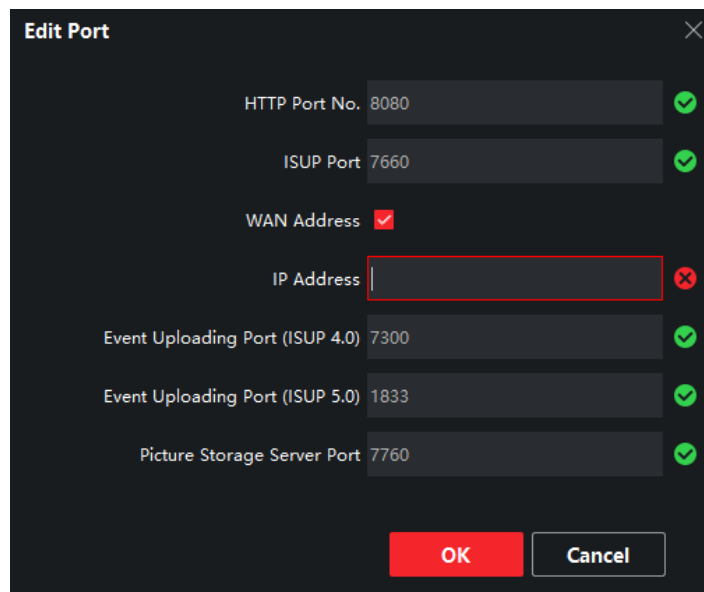
1. Ring duration configuration for indoor station.
2. Supports door station's day and night switch, including scheduled mode, auto mode, and day/night mode.
3. Supports upgrading module door station's sub-modules on the remote configuration page.
4. IPC Supports viewing live view of a camera linked to an indoor station.

2.1.10 General

1. Allowing exiting the Service when exiting the client.



2. Added ISUP port number configuration so that you can configure the IP address and port for ISUP.



3. Supports Indonesian.

2.2 Updated

2.2.11 Report Customization

Supports customizing people counting report and heat analysis report, and you can select a time period to generate a report. Optimized people counting chart.

2.2.12 Access Control

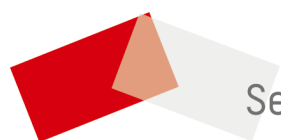
Faster speed of applying access groups to the device.

2.2.1 Hik-Connect

Optimized management of devices on Hik-Connect, which means the devices on Hik-Connect will be added to the client automatically in a group named by Hik-Connect account.

2.2.2 General

Faster client starting speed and module-entering speed.



See Far, Go Further