



**iVMS-4200 V3.3.1**

**Release Notes**

## Legal Information

© 2020 Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

This Document (hereinafter referred to be “the Document”) is the property of Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as “Hikvision”), and it cannot be reproduced, changed, translated, or distributed, partially or wholly, by any means, without the prior written permission of Hikvision. Unless otherwise expressly stated herein, Hikvision does not make any warranties, guarantees or representations, express or implied, regarding to the Document, any information contained herein.

### About this Document

Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Document is subject to change, without notice, due to updates or other reasons.

Please use this Document with the guidance and assistance of professionals trained in supporting the Product.

### LEGAL DISCLAIMER

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE DOCUMENT IS PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. IN NO EVENT WILL HIKVISION BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, IN CONNECTION WITH THE USE OF THE DOCUMENT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.

# TABLE OF CONTENTS

<b>Chapter 1 Introduction</b> .....	<b>1</b>
1.1 Overview .....	1
1.2 Components.....	1
<b>Chapter 2 What's New</b> .....	<b>2</b>
2.1 Data Retrieval.....	2
2.1.1 Added Features .....	2
2.2 Report.....	2
2.2.1 Added Features .....	2
2.3 Event Center.....	2
2.3.1 Added Features .....	2
2.4 Main View .....	3
2.4.1 Added Features .....	3
2.5 Remote Playback.....	3
2.5.1 Added Features .....	3
2.6 AI Dashboard.....	3
2.6.1 Added Features .....	3
2.7 Device Management .....	3
2.7.1 Added Features .....	3
2.8 Access Control.....	4
2.8.1 Added Features .....	4
2.9 Attendance.....	4
2.9.1 Added Feature.....	4
2.10 System Log .....	4
2.10.1 Added Feature.....	4
<b>Chapter 3 Resolved Issues</b> .....	<b>5</b>

# Chapter 1 Introduction

## 1.1 Overview

iVMS-4200 Client software is a versatile security management software for DVRs, NVRs, IP cameras, encoders, decoders, security control panels, video intercom devices, access control devices, etc.

The software provides multiple functionalities including live view, video recording, remote search and playback, file backup, alarm receiving, person management, access control, video intercom, security control, time & attendance, etc., for the connected devices to meet the needs of monitoring task. With the flexible distributed structure and easy-to-use operations, the client software is widely applied to the surveillance projects of medium or small scale.

## 1.2 Components

Component	Version	Date of Release	Latest Version or Not
Player	V7.3.8.49	2020-4-8	No
Network SDK	V6.1.5.10	2020-6-24	No
ISUP SDK	V2.3.1.2	2020-4-10	Yes

## Chapter 2 What's New

### 2.1 Data Retrieval

#### 2.1.1 Added Features

1. Vehicle Retrieval supports exporting captured pictures, recorded files, and vehicle details.
2. AI Dashboard Retrieval supports searching OCR alarms.
3. Added Task and Rule as the major types of Behavior Analysis Retrieval.

### 2.2 Report

#### 2.2.1 Added Features

1. Supports generating people counting report by DeepinMind Server.
2. Added Real-Time Trend and People Counting which supports generating people density analysis report and real-time people counting report.

### 2.3 Event Center

#### 2.3.1 Added Features

1. Encrypted stored pictures related to event and alarm, and changed picture suffix to .storage.
2. On Event Search page, added video display function.

On Real-Time Event page, Event Search page, and prompted Alarm Information window, supports displaying up to four video images and nine pictures at a time.

3. On the displayed video image, supports switching between live view and playback by an icon on the tool bar.
4. Supports downloading event-related videos and the downloading progress will be displayed on the top right of the client.
5. On Event Search page, added Event Type and Search by Keyword for filtering certain event types and event details.
6. Supports receiving and displaying real-time events from DeepinMind Server.

7. Supports searching and displaying historical events from DeepinMind Server.
8. Supports filtering real-time events by event priority.

## **2.4 Main View**

### **2.4.1 Added Features**

1. On the top right of the live view window, added stream information (including stream type, bit rate, resolution, and frame rate).
2. Added Arming and Tracking icon on the PTZ Control panel. After clicking this icon, click a target in the live view image to track.

## **2.5 Remote Playback**

### **2.5.1 Added Features**

1. The Event Playback supports searching pictures captured after events are triggered. Searched pictures can be displayed in turn automatically. Supports exporting the pictures to PC.
2. On the top right of the playback window, added stream information (including bit rate, resolution, and frame rate).

## **2.6 AI Dashboard**

### **2.6.1 Added Features**

1. AI Open Platform supports displaying real-time OCR alarms.
2. Added Behavior Analysis and supports displaying its live view.

## **2.7 Device Management**

### **2.7.1 Added Features**

1. Supports adding and managing DeepinMind Server.
2. On Group page, added Task sheet to device group, displaying the DeepinMind Servers' calculation rules and supports editing task names.

## **2.8 Access Control**

### **2.8.1 Added Features**

1. Supports enabling/disabling calling between added video intercom devices and the client. If enabled, you can call the intercom device via client, and the client can answer the calling from the device.
2. Added Access Group Search used for searching access group that a person belongs to and viewing other related information including credential No., credential type, and applying status, etc. Supported searching conditions include device name, person name, and applying status.
3. Supports applying application software package to indoor station.

## **2.9 Attendance**

### **2.9.1 Added Feature**

Supports importing CSV file containing events stored in devices to the client

## **2.10 System Log**

### **2.10.1 Added Feature**

System Log module supports searching logs of DeepinMind Server.

## Chapter 3 Resolved Issues

The following are issues resolved in this version.

No.	Issue Description
1	Fixed the bug that hot spots' positions deviates from the original ones after zooming in/out, exiting, and then entering E-Map module.
2	Event-related pictures are stored as .storage format in local PC and are encrypted for security reason.
3	Fixed the bug that alarm sources (alarm input, alarm output, zone, etc.) are not displayed in door station and indoor station's groups.
4	Fixed the bug that when valid check-out time is not on the same day with valid check-in time, an error of valid check-out time exception prompts after saving the settings on the Break Time page.
5	Fixed the bug that the last but one page of person information is not displayed after deleting persons on the last page.
6	Optimized the character color on the Resource Statistics of Guarding Vision.
7	Fixed the bug of importing person information stored in third-party database to the client. No more than 5,000 persons' information can be imported to the client from third-party database of old versions (V2.8/V2.7).
8	Fixed the exception of card QR code icon on Guarding Vision.





See Far, Go Further