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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

<table>
<thead>
<tr>
<th>Component</th>
<th>Version</th>
<th>Date of Release</th>
<th>Latest Version or Not</th>
</tr>
</thead>
<tbody>
<tr>
<td>Player</td>
<td>V7.3.8.49</td>
<td>2020-4-8</td>
<td>No</td>
</tr>
<tr>
<td>Network SDK</td>
<td>V6.1.5.10</td>
<td>2020-6-24</td>
<td>No</td>
</tr>
<tr>
<td>ISUP SDK</td>
<td>V2.3.1.2</td>
<td>2020-4-10</td>
<td>Yes</td>
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</table>
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

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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Issue Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fixed the bug that hot spots’ positions deviates from the original ones after zooming in/out, exiting, and then entering E-Map module.</td>
</tr>
<tr>
<td>2</td>
<td>Event-related pictures are stored as .storage format in local PC and are encrypted for security reason.</td>
</tr>
<tr>
<td>3</td>
<td>Fixed the bug that alarm sources (alarm input, alarm output, zone, etc.) are not displayed in door station and indoor station’s groups.</td>
</tr>
<tr>
<td>4</td>
<td>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.</td>
</tr>
<tr>
<td>5</td>
<td>Fixed the bug that the last but one page of person information is not displayed after deleting persons on the last page.</td>
</tr>
<tr>
<td>7</td>
<td>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).</td>
</tr>
<tr>
<td>8</td>
<td>Fixed the exception of card QR code icon on Guarding Vision.</td>
</tr>
</tbody>
</table>