Release Notes of iVMS-4200

V2.00.00.06 build130528

The latest released Hikvision iVMS-4200 v2.0 has many differences from previous version, and below are the details of the changes.

Software Name: iVMS-4200
Software Version: V2.00.00.06 build130528
Operating System: Microsoft Windows 7/Windows 2008(32/64-bit operating system), Windows 2003/Windows XP (32-bit operating system)

Part 1 ADD (Web Browser):

With web server embedded, now iVMS-4200 can be accessed via web browsers including IE 6.0 +, Chrome 18.0 +, Firefox 5.0 +, Safari 5.0.2 +. The web server supports various functions such as live view, playback, device management, account management, system configuration, etc. Below are the details of functions provided on the web browser :

Live View:
1. Support quickly locate a camera from the list by searching its name in the search bar
2. Support live view in 1/4/9/16-window mode
3. Support up to 16-ch live view at the same time
4. Support snapshot and manual record during live view
5. Support turn on or off the live view audio and control the audio volume
6. Support digital zoom
7. Support live view in full screen mode
8. Support control of pan, tilt, zoom, iris, light, wiper, etc.
9. Support 3D positioning
10. Support auxiliary focus, lens initialization
11. Support set and call the presets, patrols, and patterns
12. Support the adjustment of video brightness, contrast, saturation, and hue

Remote Playback:
1. Support quickly locate a camera from the list by searching its name in the search bar
2. Support remote playback in 1/4/9/16-window mode
3. Support 16-ch playback at the same time
4. Support search the record file by time, file type, and card number
5. Support select multiple channels at one time and search for the video file
6. Support snapshot and manual record during playback
7. Support playback in full screen mode
8. Support turn on or off the record audio and control the volume
9. Support various playback control including pause and resume, speed up, speed down, and single frame playback
10. Support download the record file

Device Management:
1. Support add the device by IP/Domain, IP segment, IP server and HiDDNS
2. Support monitor the working state of device, including the status of HDD, recording, signal, hardware, and network connection
3. Support modify and delete the added device
4. Support remote configuration of the device
5. Support quickly locate a device from the list by searching its name in the search bar
6. Support add the storage server by IP/Domain, IP segment, and IP server
7. Support modify and delete the added storage server
8. Support remote configuration of storage server
9. Support add the stream media server by IP/Domain, IP segment
10. Support quickly locate a storage server or stream media server from the list by searching its name in the search bar

11. Support add and delete the camera group
12. Support import cameras to the group or delete cameras from the group
13. Support quickly locate a camera from the group by searching its name in the search bar

Account Management:
1. Support add, modify, and delete users
2. Support assign different permissions to the created users

System Configuration:
1. Support different working modes of network performance and video play performance
2. Support set the saving path of video file, picture, etc.
3. Support default the system configuration

Part 1 ADD (Client Software):

Main View:
1. Support the default and customize view profile in main view interface
2. Support cycle play among all the default views (Default view profile includes 1/4/9/16-window live view mode)
3. Support cycle play among all the customize views
4. Support quickly locate a camera from the list by searching its name in the search bar
5. Support various wide screen layouts: 4/6/7/9/12/16/24/36/48
6. Support select different time span of instant playback
7. Support quickly e-mail and print the snapshot during live view or playback
8. Support display icons on the top-right position of the live view window to indicate the state of alarm, recording, audio, and instant playback
9. Support display the red "X" icon on live view window when the mouse floats on the window, and the live view video could be stopped by pressing the red "X" icon
10. Remote playback:
11. Support enter the remote playback interface and search the record file in the customize view mode
12. Support display the file list after searching for the record file
13. Support remote reverse playback of the record file
14. Support go to the accurate time spot during playback
15. Support display the red "X" icon on playback window when the mouse floats on the window, and the playback could be stopped by pressing the red "X" icon

E-map:
1. Support use the alarm input as hot spot in E-map
2. Support preview the camera hot-spot of E-map in cif, 4cif, or full screen window mode
3. Support email capture, print capture, and instant playback when preview the camera hot-spot   in E-map

Device Management:
1. Support add the iVMS-4200 PCNVR as encoding device
2. Support add the CVR as storage server
3. Now the added device list and online device list are in the same page
4. Support modify the gateway of online device
5. Support view the quantity of added device
6. Support add off-line device
7. Support add device by IP segment
8. Support quickly locate a device from the device list by searching its name in the search bar
9. Support show the working state of added device: network, HDD, record, signal, hardware and network connection status for encoding device, network status for decoding and storage device

10. Support import alarm inputs to the group
11. Support adjust the order of different groups
12. Event management:
13. Support central management for different event types such as camera event, alarm input, and device exception, and support trigger client action such as email linkage, image pop-up, etc.
14. Tampering alarm or video lost alarm of one certain channel now can trigger the image pop-up of different channels
15. Support copy the camera event configuration and support select the event parameter you want to copy
16. Record schedule and Log search:
17. Support the central management of record schedule, including the configuration of storage record schedule, device record and capture schedule
18. Support search the device logs
19. Support filter the logs by keyword or condition
20. Support display the logs by page

System Configuration:
1. Support set different view scales of the displayed video in system configuration, including full screen, 4:3, 16:9, and original resolution.
2. Support auto change the stream type (Default enabled, and can disabled in system configuration): If the size of one preview window named A is bigger than the size of each window in the 9 split screen mode, window A plays the video in main stream, otherwise, window A plays the video in sub stream.
3. Support configuration on keyboard and joystick configuration: DS-1003KI keyboard could be connected to PC via serial interface to control the PTZ, and PC keyboard, USB joystick could be connected to PC to set up shortcuts for the frequently used functions in iVMS-4200
4. Support upmost three e-mail receivers
5. Add two more resolution options of the client UI: 1440*900, and 1680*1050

Other:
1. Support alarm output control by clicking the Tool(In the headline column)>>I/O control
2. Support clicking Help(In the headline column)>>Language to switch the display language
3. Support the video display on video wall (Video wall menu appears only after the decoding server is added.)
4. Support adjust the scale of the video walls
5. Support add multiple video walls

Part 2 Delete:

1. Delete the single/multiple window option of cycle play
2. Delete not frequently used function buttons in the live view and playback toobars
3. Delete the record/capture knots under the group in main view interface
4. Delete the interface of camera setting
5. Delete the CPU performance option of the system setting

Part 3 Modify:

1. Utilize the lock and unlock of iVMS-4200 client software
2. Modify the position of PTZ control menu
3. Change the ways of opening auxiliary screen preview

4. Change the rule that one camera could only be viewed in one live view window, now different windows could view the same camera
5. Fix the problem two-way audio and manual record stops after switching the position of two live view windows
6. The previous remote playback and event search interface are merged
7. The interface of previous encoding device management, decoding device management, stream media server management, storage server management, import camera are now merged as the device management
8. Utilize the file menu of the headline column, now support it's easy to find and manage the capture and record file stored in your PC
9. Utilize the headline column, now various useful information is displayed in the column including current user, network usage, CPU usage, memory usage, and current time Fix the problem the user account could be deleted even when the operator has no permission

Part 4 Known Issues:

1. There is tiny possibility that the configuration page might not be set-top when login the web server of iVMS-4200 on IE9 from Win7 64-bit PC.
2. If there is certain anti-virus software installed in Windows 2003 PC, it might take up to 40 minutes to initialize a 1TB HDD for the storage server.
3. If you are trying to install the iVMS-4200 on Win 8 PC, the installation of WinpCap module will fail (Online detection will function no more if it fails), and please re-install the WinpCap module.
4. The file filtering may lose effect after searching the record file in browser.
5. There is tiny possibility that playback of the record file on the browser may fail when the file is being downloaded at the same time.
6. If over 51 users are added on the browser, operation of the system configuration may become stuck.
7. The video might become stuck during simultaneous playback of multiple channels.

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