iVMS-4200

Overview

iVMS-4200 is versatile video management software for the DVRs, NVRs, IP cameras, encoders, decoders, VCA device, 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.

With the flexible distributed structure and easy-to-use operations, iVMS-4200 client software is widely applied to the surveillance project of financial, public security, military, telecommunications, transport, electricity, education, water conservancy industries, etc.

Model

iVMS-4200

Main Features

General

- Application in local area network and wide area network
- E-map function
- Remote configuration for EZVIZ devices
- User permission management
- Embedded web server supporting web browsing function
- Create a password to activate the device
- Support Counting, Road Traffic and VCA Search for Picture

Network

- Encoding devices, decoding devices, EZVIZ devices, storage server, stream media server, third-party encoding devices, video wall controller, transcoder, cascading server, super NVR connectable
- NTP protocol for time synchronization
- Search the active online devices
- Adding devices by HiDDNS and IP Server; batch importing encoding devices
- Generating QR code for encoding devices
- Two-way audio and broadcast function

Live View

- View settings and instant playback
- Main/auxiliary screen live view
- Support up to 64-window division for standard screen, and 48-window division for the wide screen
- Custom window division configurable
- Disconnect background videos in single live view
- Set shortcuts for PC keyboard to conveniently access the commonly used actions.
- More channels for simultaneous HD live view under 64-bit operation system

PTZ Control

- Remote PTZ control, preset, patrol and pattern settings
- 3D positioning, auxiliary focus and wiper function
- Display analog speed dome's local menu via PTZ control panel

Alarm Management

- Camera Linkage and multiple linkage actions supported
- Device arming and alarm output control
- Alarm configuration for camera event, alarm input and device exception
- Combined alarm, Mixed-traffic Detection alarm and CVR alarm supported
- Search and export the linked pictures of alarm logs

Record

- Remote manual recording supported
- Record schedule for continuous recording, event recording and command recording
- Store alarm pictures on storage server
- Quota ratio of record, picture and additional information configurable for the storage server
- Record file overwritten and expired record file deleting

Playback

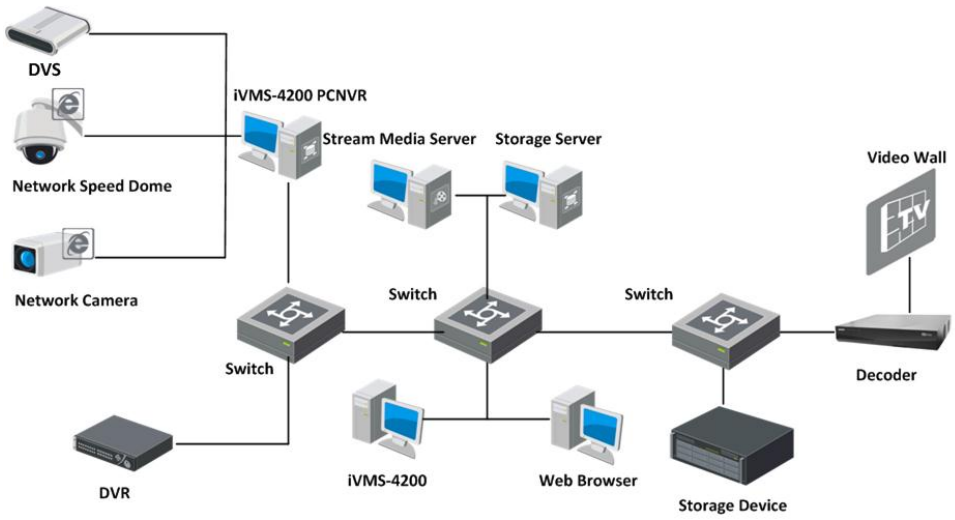
- Local and remote playback
- Instant playback, normal playback, event playback, ATM playback and VCA playback; up to 16-ch synchronous playback supported
- Filter the searched video files by the advanced attributes during VCA playback

Backup

- Download record files to PC
- Export record files via remote configuration
- log search and backup
- Import and export the configuration file

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Typical Application



Specifications

Model		iVMS-4200
Operating System		Microsoft Windows 7 / Windows 8 / Windows 8.1 / Windows Server 2008 (32/64-bit) Microsoft Windows 2012 Server / Windows Server 2008 R2 (64-bit) Microsoft Windows 2003/ Windows XP (32 bit)
Client	**Encoding Device**	Up to 256 encoding devices supported
	Group	Up to 256 groups supported
	Channel	Up to 64 channels can be imported to each group; Up to 1024 channels can be imported to all groups
	Storage Server	Up to 16 storage servers supported
	Stream Media Server	Up to 16 stream media servers supported
	Decoding Device	Up to 64 decoding devices supported
	Live View	Up to 64-ch live view supported at a time
	Auxiliary Screen Preview	Up to 4 auxiliary screens supported for live view
	User	Up to 50 users and one super user supported
	Playback	Up to 16-ch playback supported at a time; Up to 4-ch synchronous playback supported
	E-map	Up to 256 E-maps can be added
	Download	Up to 16-ch downloading supported at a time
Storage Server	**User**	Up to 32 users supported
	Record Performance	Up to 64-ch ×2Mbps supported at a time
	VOD Performance	Up to 64-ch ×2Mbps supported at a time
	iVMS-4200 Client	No limit for the amount of iVMS-4200 connected to the storage server
Stream Media Server	**Incoming /outgoing stream**	Up to 64-ch incoming video stream supported; Up to 200-ch outgoing video stream supported

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Recommended Configurations

PC Configuration / Bitrate (single P-frame)	Maximum Number of Live View Channels				
	CPU: Intel Core i7-2600 3.40GHz Memory: 2.99GB Graphic Card: AMD Radeon HD 6700 Series Operating System: Windows 7 (64-bit)	CPU: Intel Core i5-2500 3.30GHz Memory: 4G Graphic Card: NVIDIA GeForce GTX 460 v2 1024 MB Operating System: Windows XP	CPU: AMD Phenom II X4 955 Memory: 4G Graphic Card: ATI Radeon HD 4800 Series Operating System: Windows 7 (32-bit)	CPU: Intel Core 2 Quad Q8200 Memory: 4G Graphic Card: NVIDIA GeForce 9600GT Operating System: Windows 7 (32-bit)	CPU: Intel Core 2 Duo E8400 Memory: 2G Graphic Card: ATI Radeon HD 4800 Series Operating System: Windows XP
(352*288)*768K*25	64	64	64	51	49
(704*576)*2M*25	48	40	30	13	13
(1280*720)*6M*25	21	17	15	6	5
(1280*960)*6M*25	19	16	13	7	5
(1600*1200)*9M*25	12	9	9	5	3
(1920*1080)*10M*25	9	7	6	3	2
(2048*1536)*7M*12	11	9	8	3	3
(2560*1920)*9M*6	11	10	7	4	3

The recommended configuration for 64-bit operation system:

PC Configuration / Bitrate	Maximum Number of Live View Channels				
	CPU: Intel Core i7-4770K	CPU: E3-1230 V3	CPU: Intel Core i5-4590 3.3GHz	CPU: AMD FX(tm)-8350 Eight-Core Processor 4GHz	CPU: Intel Core i3-2100
CIF*512K*25	64	64	64	64	47
VGA*1.25M*25	51	44	30	27	18
4CIF*1.5M*25	59	55	37	33	23
WD1*2M*25	41	33	24	20	16
HD720P*2M*25	28	24	17	15	11
1080P*4M*25	13	10	8	7	5
QXGA*4256K*20	11	8	7	6	4
400W*6.5M*25	11	7	7	6	4
500W*9M*25	6	5	4	4	3
600W*10M*25	5	4	3	2	2

Note: The parameters recommended above are for reference only.

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