

iVMS-4200

Overview

iVMS-4200 is versatile video management software for the DVRs, NVRs, IP cameras, encoders, etc. It provides multiple functionalities, including real-time live view, video recording, remote search and playback, 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.

Main Features

Live View

- Instant playback
- Up to 64-window division for standard screen
- Custom window division configurable
- Live view in fisheye mode for fisheye camera
- Resuming the latest live view status after client restart

Recording

- Remote manual recording
- Storing alarm pictures on Storage Server
- Video file overwritten and expired video file deleting

Alarm Management

- Alarm configuration for alarm input
- Custom alarm sound as desired

Playback

- Remote playback
- Locate the playback time accurately

Network

- Encoding devices, storage servers, stream media servers connectable
- Searching the active online devices
- Adding devices which have been added to the Hik-Connect account
- For added Hik-Connect device, supporting live view, normal playback, PTZ control, two-way audio, etc.
- Two-way audio and broadcast function

General

- H.264, H.264+, H.265, and H.265+ video encoding formats
- E-map function
- Remote configuration for added devices
- User permission management

PTZ Control

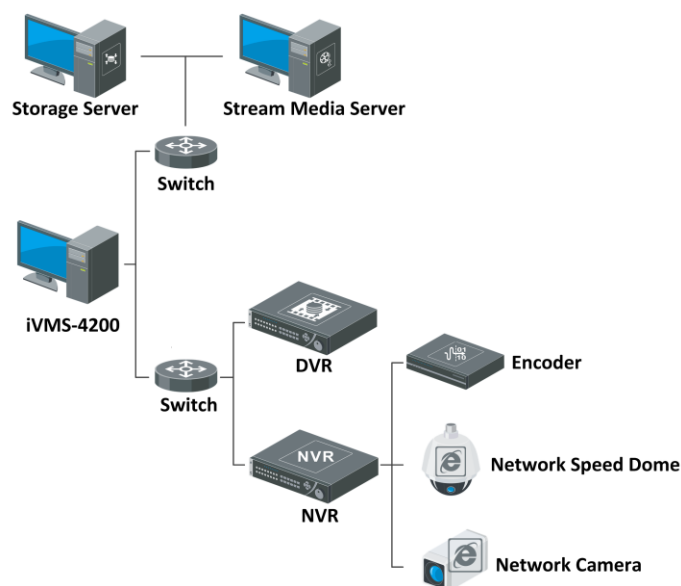
- Remote PTZ control, preset, patrol, and pattern settings
- 3D positioning and wiper function

Backup

- Downloading video files to PC
- Log search and backup

Typical Application

Application for Video Surveillance



System Requirements

Operating System

Mac OS X 10.9 to macOS 10.12

Client Requirements

Recommended	Processor	Intel® Core™ i7 2GHz
	Memory	4 GB of RAM
	Video Card	AMD Radeon HD 6490M 256M
High Performance	Processor	Intel® Core™ i5 2GHz
	Memory	8GB of RAM
	Video Card	Intel Iris Graphics 540 1536M

Maximum Number of Cameras Viewed per Client under Different System Requirements (Software Decoding)

Encoding Format	Resolution	Bit Rate (Mbps)	Frame Rate (fps)	Maximum Number of Cameras Viewed Simultaneously	
				Recommended	High Performance
H.264	720P	1	25	18	20
	1080p	4	25	5	7
	8 MP	16	25	1	2
H.264+	720p	1	25	19	21
	1080p	3	25	6	10
	3 MP	4	25	6	8
H.265	720p	1	25	2	4
	1080p	3	25	2	3
	3 MP	4	25	1	1
H.265+	720p	0.5	25	4	6
	1080p	1	25	2	3
	3 MP	2	25	1	1

Note: The above parameters are estimated and for reference only. Under the same resolution and frame rate, the bitrate of different camera manufacturers may be different. Moreover, the decoding performance may also be different for different manufacturers.

Specifications

Model		iVMS-4200	
Database		SQLite	
Client	General	User	Support up to 50 users and one super user
		E-map	Support up to 256 maps
		Encoding Device	Support up to 256 encoding devices
		Group	Support up to 256 groups Support up to 64 channels for each group
		Channel	Support up to 1024 channels for all groups
		Storage Server	Support up to 16 Storage Servers
	Video	Stream Media Server	Support up to 16 Stream Media Servers
		Live View	Support up to 64-ch live view at a time
		Playback	Support up to 16-ch playback at a time
	Synchronous Playback	Support up to 16-ch synchronous playback	

