

iVMS-4200 Mobile Surveillance Client Software

iVMS-4200 Mobile Surveillance is a versatile security management software for the mobile devices (e.g. mobile video recorder). It provides multiple functionalities, including vehicle locating, history pattern playback, live view, remote search and playback, alarm receiving, etc., for the connected devices to meet the needs of monitoring task.

Main Features

Live View

- View settings and instant playback
- Live view on main/auxiliary screen
- Up to 64-window division for standard screen, and 48-window division for the wide screen
- Custom window division configurable

Playback

- Dual-stream playback (it should be supported by the device)
- Supports playback at 16x playing speed
- Display driving pattern
- Clipping the recorded video files
- Download video files for multiple cameras synchronously

Network

- Adding devices by EHome account
- Updating device online
- Two-way audio with mobile device


PTZ Control (it should be supported by the device)

- Remote PTZ control
- Preset setting and calling

GIS Map

- Locate the mobile device on map
- Track the mobile device in real time



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- A decorative graphic consisting of several overlapping, semi-transparent triangles in shades of gray, located in the top-left corner of the page.
- Play back the history driving pattern
 - Distance measurement

Specifications

Model	iVMS-4200 Mobile Surveillance
Database	SQLite
Mobile Device	Supports up to 64 mobile devices
Channel	Supports up to 256 channels
Group	Supports up to 256 groups Supports up to 256 channels for each group
Live View	Supports up to 64-ch live view at a time
Auxiliary Screen Preview	Supports up to 4 auxiliary screens for live view
Playback	Supports up to 16-ch playback at a time
Download	Supports up to 16 downloading tasks at a time

System Requirements and Performance

Client Requirements

Features		Requirements
Minimum	Processor	Intel® Core™ i5-4590 @ 3.30 GHz
	Memory	8 GB of RAM
	Operating System	Microsoft® Windows 7 (64-bit)
	Video Card	NVIDIA® GeForce GTX 970
Recommended	Processor	Intel® Xeon® E3-1226 V3 @ 3.30GHz
	Memory	8 GB of RAM
	Operating System	Microsoft® Windows 7 (64-bit)
	Video Card	Intel® HD Graphics P4600
High Performance	Processor	Intel® Core™ i7-6700K @ 4GHz
	Memory	16 GB of RAM
	Operating System	Microsoft® Windows 7 (64-bit)
	Video Card	NVIDIA® GeForce GTX 1070

Performance under Different Client Requirements (Software Decoding)

Encoding Format	Resolution	Bit Rate (Mbps)	Frame Rate (fps)	Maximum Number of Cameras Viewed Simultaneously		
				Minimum	Recommended	High Performance
H.264	720p	3	30	27	25	42
	1080p	6	30	13	12	20
	3 MP	8	30	9	9	14
	8 MP	16	30	3	2	5
H.264+	720p	1	30	33	29	65

	1080p	3	30	18	14	29
	3 MP	4	30	10	9	18
H.265	720p	1	30	26	24	41
	1080p	3	30	10	9	16
	3 MP	4	30	6	6	11
H.265+	720p	0.5	30	29	26	45
	1080p	1	30	13	11	21
	3 MP	2	30	8	7	14

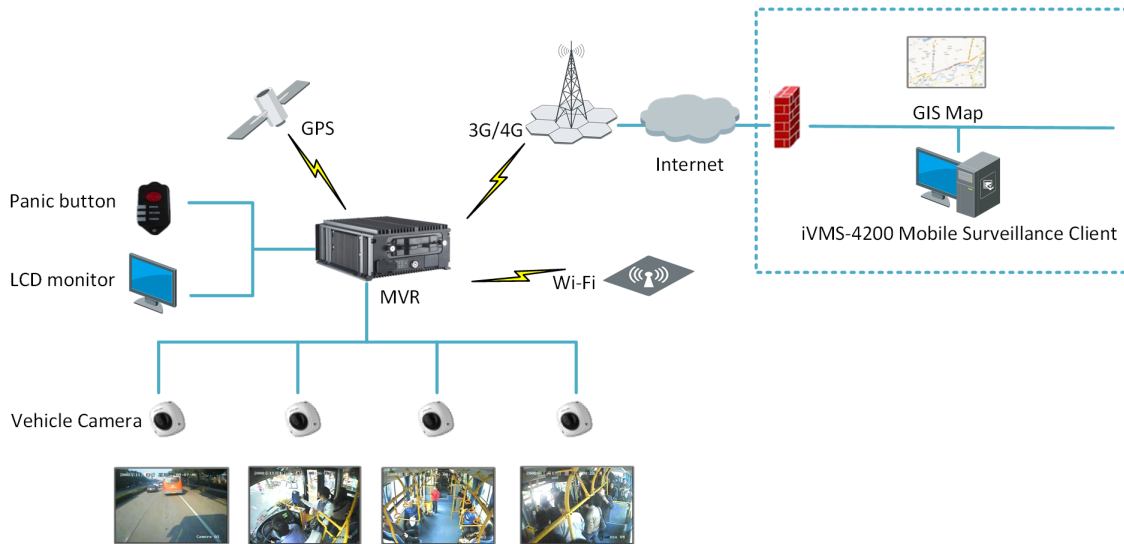
Performance under Different Client Requirements (Hardware Decoding)

Encoding Format	Resolution	Bit Rate (Mbps)	Frame Rate (fps)	Maximum Number of Cameras Viewed Simultaneously	
				Recommended	High Performance
H.264	1080p	6	30	25	25
	8 MP	16	30	6	6
H.264+	720p	1	30	45	45
	1080p	3	30	24	23
	3 MP	4	30	19	17
H.265	720p	1	30	N/A	45
	1080p	3	30	N/A	23
	3 MP	4	30	N/A	15
H.265+	720p	0.5	30	N/A	45
	1080p	1	30	N/A	22
	3 MP	2	30	N/A	15

* For the field of N/A, the video card under the recommended system requirement does not support H.265 or H.265+.

* The above parameters are for reference only. Under the same resolution and frame rate, the bitrate of cameras from different manufacturers may be different. Moreover, the decoding performance from different manufactures may also be different.

Typical Applications



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