VMS Client Software

VMS is a PC client software designed for professional security monitoring .It is suitable for a variety of scenarios, such as retail stores, parking lots, office buildings, etc. You can use VMS to manage devices, including cameras, DVRs and NVRs. It offers a variety of features including real-time live view, video playback, video search and playback, event and alarm reception, and more!

Key Feature

Live View

- Supports up to 128-window division for standard screen
- Supports customizing window division
- Supports auxiliary screen preview, you can set one main screen and 3 auxiliary screens for live view
- Supports viewing the stream information during live view
- Supports turning on and off the warning light of the AD camera
- Supports live view in fisheye mode for one or more fisheye cameras, and supports Panorama and PTZ mode
- Supports two way talk
- Supports for adjusting the screen ratio
- Supports image capture, video recording and digital zoom
- Supports restoring the latest live view status after the client restarts

Recording

- Supports recording video in main stream and sub-stream for playback
- Supports manual recording
- Supports setting common, MD, and alarm recording schedules
- Supports setting the recording format

Event Management

- Supports alarm linkage cameras and multiple linkage operations
- Supports playback of camera video or captured images while searching for historical events or viewing live events
- Supports for sending email when the event is triggered
- Supports setting custom alarm tones for different alarm events
- Supports event server, when an event is triggered, the client can display the event in the alarm center in real time
- Supports audible warnings, pop-up live views and captured images when alarms are triggered
- Supports batch adding notes to events in event search records
- Supports searching historical events by event type, time, device and keywords
- Supports backup of historical event logs in xml format
- Supports searching for images and videos captured when an event is triggered
- Supports downloading video captured when an event is triggered
- Supports the playback of video event

Playback

- Supports remote playback

- Supports up to 9-channel simultaneous playback
- Support video playback, event playback, smart playback and image playback
- Supports widening and shrinking the timeline scale interval range
- Supports precise positioning of playback time
- Supports synchronous and asynchronous playback
- Supports rewinding
- Supports frame-by-frame playback
- Supports slow and fast playback
- Supports skipping unfollowed video footage during smart playback
- Supports face search during smart playback
- Supports playback of clips
- Provides a player to view downloaded video files
- Supports searching for event-triggered recorded video files and playing video files, as well as downloading video files
- Supports downloading multiple video files to local PC during event playback

Network

- Supports adding devices by IP address and cloud ID
- Supports jumping to device web
- Supports searching for online devices
- Supports adding devices via onvif protocol
- Supports batch import of devices
- Supports modification of device IP addresses
- Supports logging into cloud accounts and displaying and managing cloud devices
- Supports viewing device status information, including online users, device IP, device version, etc.
- Supports updating the device version via local file and cloud upgrade

PTZ Control

- Supports remote PTZ control, auto tour, auto scan, and pattern settings
- Supports zoom, focus and iris control
- Supports the setting of PTZ speed
- Supports auto-tracking

General

- Supports log search and backup
- Supports importing configuration files
- After logging in to View, you can add online devices registered to View
- Supports changing device passwords
- Supports setting alarm linkage mailbox
- Supports setting the client to start automatically when the PC reboots
- Supports downloading video files in MP4, DAV and AVI formats to PC
- Supports e-map functions, including adding, deleting, editing and viewing e-maps, zooming in/out of e-maps
- Supports user rights management
- Supports full-screen mode
- Supports distributed deployment

Specification

Model			VMS
Database		Client Database	SQLite
Supported Language			English, Finnish, French, German, Greek, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Serbian, Simplified Chinese, Spanish, Thai, Traditional Chinese, Turkish, Ukrainian
Client	General	User	Unlimited, no more than 256 is recommended
		E-map	Unlimited, no more than 256 is recommended
		Encoding Device	Unlimited, no more than 1000 is recommended
		Group	Unlimited, no more than 256 is recommended
		Monitor Plan	Unlimited, no more than 256 is recommended
	Video	Live View	128-ch live view at a time on one screen
		Auxiliary Screen Preview	One main screen and 3 auxiliary screens for live view
		Playback	9-ch playback at a time
		Synchronous Playback	9-ch synchronous playback

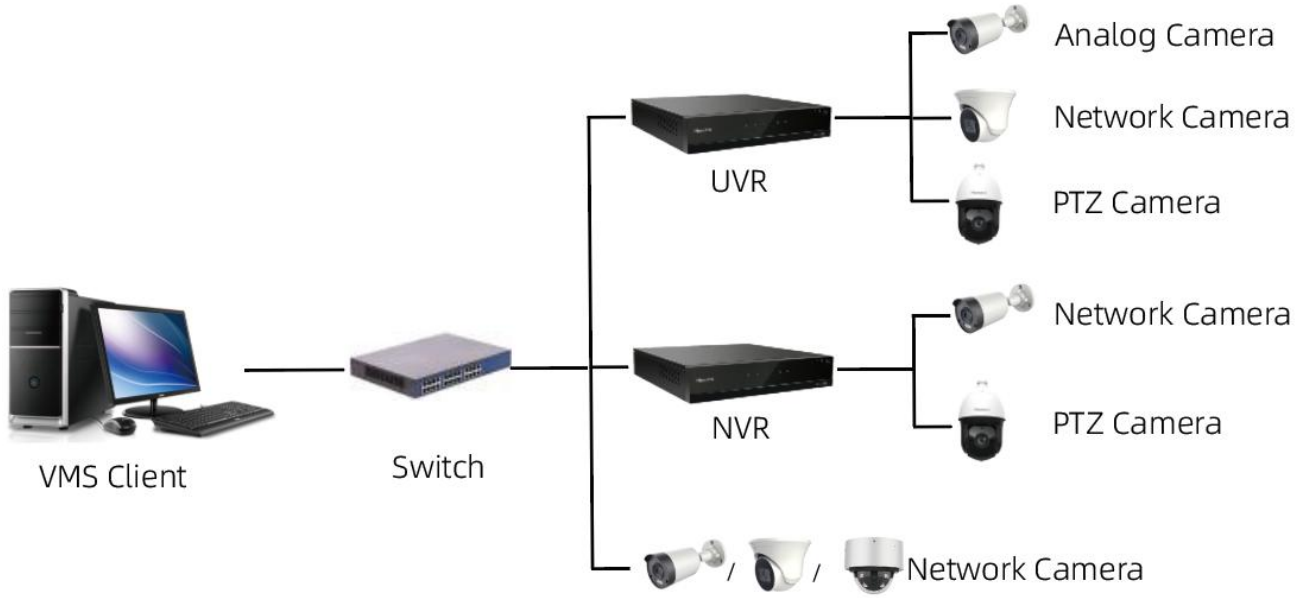
System Requirement

Item	Minimum Configuration
Operating system	Microsoft Windows 7 (64 bit, Professional or Enterprise) Microsoft Windows 8.1 (64 bit, Professional or Enterprise) Microsoft Windows 10 (64 bit, Professional or Enterprise) Microsoft windows 11 (64 bit, Professional or Enterprise)
CPU	Intel Pentium4.3.0 @ 3.0 GHz
Memory	2 GB
Display adapter	Video memory of 256 MB or higher
Free disk space	Minimum 3GB for Single Site Systems
NIC	Fast Ethernet port
Display resolution	1024 x 768

Live View Performance

Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i5-9400F @2.90 GHz Graphics Card: Geforce GT 730 Windows 10 64-bit			CPU: i5-10400 @2.90 GHz Graphics Card: UHD Graphics630 Windows 10 64-bit			CPU: I7-10700 @2.90GHz Graphics Card: UHD Graphics630 Windows 10 64-bit		
			Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)
H.264											
720P	3.0	30	26	74-78	556-582	26	60-65	526-720	26	52-58	860-980
1080P	5.8	30	12	60-62	400-426	12	50-54	630-650	12	34-38	780-840
4M	7.2	30	7	64-69	600-624	7	66-67	850-893	7	49-50	1600-1650
8M	11.2	20	3	62-66	856-905	3	53-57	1430-1460	5	24-26	1370-1400
H.264+											
720P	3.0	30	26	74-79	551-586	26	59-61	770-780	26	50-54	840-900
1080P	5.8	30	12	51-52	467-478	12	60-64	680-700	12	50-54	900-930
4M	7.2	30	7	51-54	541-571	7	66-68	840-890	7	48-50	1566-1660
8M	11.2	20	3	53-57	975-1025	3	50-52	1380-1400	8	25-27	1330-1350
H.265											
720P	3.0	30	24	80-84	368-382	24	68-72	742-823	24	65-67	730-800
1080P	5.8	30	12	62-64	385-390	12	60-62	600-650	12	60-63	780-830
4M	7.2	30	7	77-80	560-590	7	78-80	850-900	7	55-60	1510-1710
8M	11.2	20	3	78-80	920-950	3	70-75	1336-1405	4	40-42	2000-2100
H.265+											
720P	3.0	30	26	80-82	400-430	26	68-70	565-646	26	54-56	749-780
1080P	5.8	30	12	64-65	390-420	12	71-74	490-510	12	58-60	800-830
4M	7.2	30	7	63-67	482-500	7	75-76	840-870	7	55-60	1505-1605
8M	11.2	20	4	77-80	1074-1090	3	65-68	1300-1350	8	37-38	2000-2100

H.264											
Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i7-8700 @3.20GHz Graphics Card: GeForce GT 730 Windows 10 64-bit			CPU: i5-9400 @2.90GHz Graphics Card: Graphics 630 Windows 11 64-bit			CPU: i5-12400F @2.50 GHz Graphics Card: GeForce RTX 3080 Windows 10 64-bit		
			Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)
CIF	0.5	30	53	71-72	497-502	72	77-78	604-620	128	46-47	561-573
D1	1	30	35	70-72	640-651	39	73-75	761-769	99	88-89	1742-1800
H.264+											
Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i7-8700 @3.20GHz Graphics Card: GeForce GT 730 Windows 10 64-bit			CPU: i5-9400 @2.90GHz Graphics Card: Graphics 630 Windows 11 64-bit			CPU: i5-12400F @2.50 GHz Graphics Card: GeForce RTX 3080 Windows 10 64-bit		
			Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)
CIF	0.5	30	70	72-73	489-497	91	77-78	661-665	128	36-39	501-510
D1	1	30	31	70-72	651-664	36	71-72	819-828	98	87-89	1346-1404
H.265											
Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i7-8700 @3.20GHz Graphics Card: GeForce GT 730 Windows 10 64-bit			CPU: i5-9400 @2.90GHz Graphics Card: Graphics 630 Windows 11 64-bit			CPU: i5-12400F @2.50 GHz Graphics Card: GeForce RTX 3080 Windows 10 64-bit		
			Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)
CIF	0.5	30	62	68-70	355-359	86	74-76	618-620	128	41-42	539-552
D1	1	30	20	65-67	642-653	27	73-75	842-851	83	88-90	1322-1357
H.265+											
Resolution	Bit Rate (Mbps)	Frame Rate (fps)	CPU: i7-8700 @3.20GHz Graphics Card: GeForce GT 730 Windows 10 64-bit			CPU: i5-9400 @2.90GHz Graphics Card: Graphics 630 Windows 11 64-bit			CPU: i5-12400F @2.50 GHz Graphics Card: GeForce RTX 3080 Windows 10 64-bit		
			Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)	Channels	CPU (%)	Memory(MB)
CIF	0.5	30	63	70-72	465-472	85	71-73	643-650	128	40-41	522-526
D1	1	30	25	75-77	633-638	26	70-72	734-738	79	85-87	1420-1426

Typical Application

Application for Video Security