VIDEO MANAGEMENT SOFTWARE

SECURING YOUR LIFE

ONE PLATFORM for all your Business Security Systems

VIMS version 8.0

Product Highlights

RELIABLE SOFTWARE APPLIANCES

The VIMS software appliances guarantee you high-performance and reliable hardware for recording.

ROBUST CAMERA SELECTION – HD TO 4K IN ALL FORMS

VIMS offers video security technology tailored towards your needs. Users get to benefit from the advantages of over 30 years combined experience and knowledge, and use our IP camera hardware connected to their existing infrastructure. The wide variety of VIMS cameras offer the right solution for your projects of any size for reliable video and recording, as well as edge analysis of video material on certain camera models.

The open platform-independent system of architecture allows you to use the software packages on your own PC hardware to lower costs. The software packages are available for installation on Windows Operating Systems.
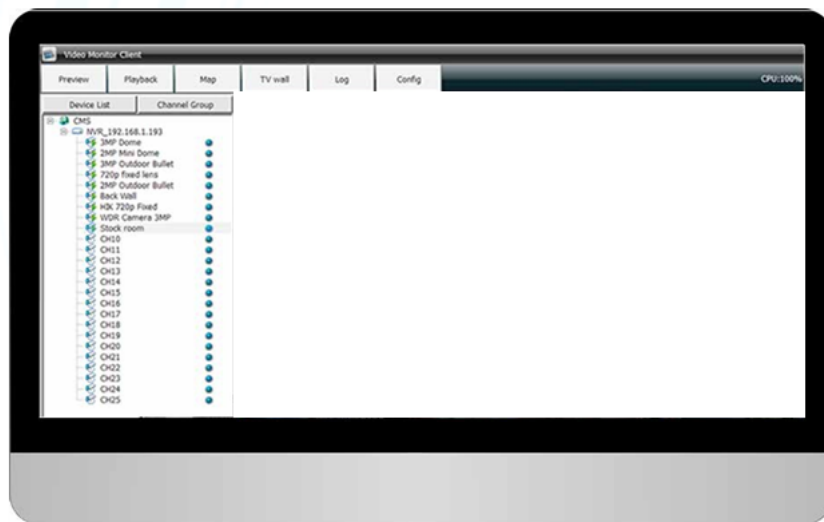
FREEDOM TO CHOOSE

Combine VIMS products with existing third party technology and products easily and seamlessly the integration is not an issue, thanks to our open interfaces. Every VIMS solution is essentially designed to enable services as an open platform for third party integration. Therefore, an VIMS surveillance system always remains open for expansion and offers Return on Investment Protection.

SAVINGS ON INITIAL COST OUTLAY

With the free software from VIMS, you save on capital cost from the start. There is no cost per feature, no cost per seat, no central server and no yearly maintenance cost. Simply install the software on your own PC or hardware specifically designed and approved for best performance by VIMS and link your systems. Live video and alarm management at your finger tips, without the cost burden.
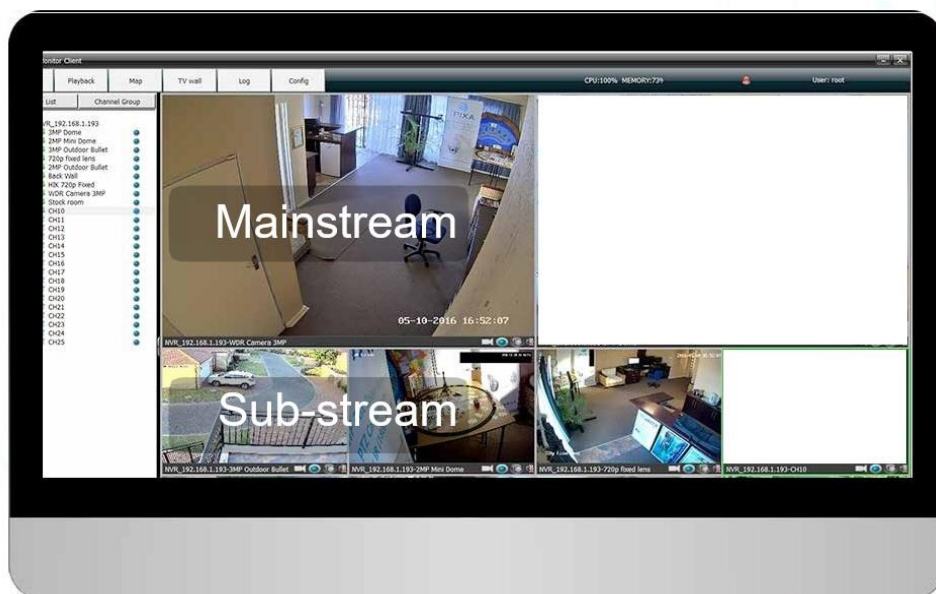
CAMERA TREE

The overview of the complete system can be seen in the camera tree of defined recording systems or areas with its corresponding cameras. From here, you can stream the selected camera in any split-either via drag and drop or by double clicking the camera. A tooltip with the most important information on the recording systems appears when you move your mouse into the live video.

Mainstream, Sub-stream

In a multi-split screen, PCs require high performance to decode and display video live streaming and full resolutions. In most cases, the full resolution image is not needed in a multi-screen operation. With the VIMS VMS, the PC performance is managed by streaming the sub-stream from the camera to the VMS video pane, reducing the required performance needed by the PC hardware.

Control Simplicity

The VIMS is easy to use. Move cameras from one pane to the next by simple drag and drop and the cameras switch between the active video panes.
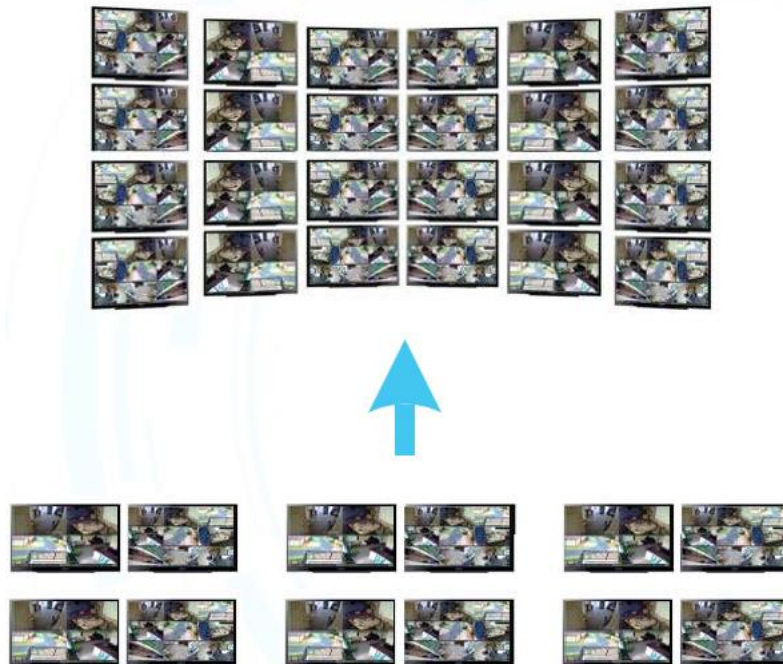
Digital zoom is further supported. Simply roll your mouse wheel in and out for digital zoom functions.

The PTZ control box is easily understood and self explained. When not using the mouse, a full IP control keyboard and joystick is available.

Video wall decoders

Create any size wall by adding the VIMS High Definition Decoders. Switch cameras to the wall and display real-time in full HD onto your video wall.

Groups and sequences

Create groups of cameras that can be called on demand, on alarm or on condition. A group of cameras could consist of typical areas that require easy and fast access such as entrances, fences or perimeters. Easily start sequences of cameras or even groups by a simple mouse click.

User management

Security systems demand full accountability. Therefore, you are able to create full user management accounts and select rights depending on the user profile. Every transaction users make on the system is logged in the system log files which are available to the system administrator.

MAIN FEATURES OVERVIEW

- Based on windows system standalone management software

- Standalone PC usage, system architecture with simple operation

- Integrated services, including management and monitoring, playback, storage, control and video wall

- Centrally manage the video surveillance devices including DVR, NVR, decoder, IPCamera and IO, IP keyboard, USB keyboard

- Supports all the camera IP, private protocol and Onvif, PISA protocol video access

- Supports IP, domain name various ways of device access

- Management interface can perform remote configuration of NVRs and camera devices directly

- 64 split screens browsing, searching and playback history data

- Supports monitoring, bi-directional talk, electronic map functions

- Supports network decoder to decode and output the specified video data onto the TV wall

- Can control the playback function of the TV wall

- Receive alarm information from the cameras and NVRs, alarm linkage and image pop-up.

- Supports sync timing front-end device automatically

Technical Specs	
Supported devices	
Hardware	IP Cameras, DVR, NVR, Decoders, Access Control, I/O devices, IP keyboar, USB keyboard.
Search and setups	Easy to seach and full range of NVR &IP camera functions configuration
Protocol Supported	Tbvision, ONVIF profile S, RTSP, PISA
Live view/Preview functions	
Live view/Preview video	Max 64 simultaneous live display (per monitor) Multi-screen supported 1x1, 2x2, 3x3, 4x4, 8x8 -window division for live view Group Tour, Sequence Switching, Group Select on Alarm Real time alarm pop-up Local Recording and Snap Shot Function Video optimization (Brightness control, saturation, hue) Main, sub-stream selectable and full electronic channel amplification System performance indicator
Playback	Play forward in selectable speed, pause, stop, fast and slow play. Timeline search and date/time search Export video clips Snapshot from playback function supported Digital zoom function in playback (Mouse wheel)
Alarm Management	
Alarm input types	External NVR or camera input, motion detection, video loss, video detection, access control events
Link alarms to	Audio map, TV wall, image pop-up, video, snapshot, PTZ control
Video Analytics (Optional)	
Smoke and Fire	To detect smoke and fire in camera field of view
Face Recognition	To arrange for controlled automated access of persons to the premises
Face Detection	To detect a face and enter it into a database
Loud Sound Detection	To register noise level surpassing the preset limit
People Counting	To perform visitor counting
License Plate Recognition	To arrange for controlled automated access of cars to the premises
Heat Map	To monitor routes of moving and stopping of visitors, evaluate people flow intensity
Abandoned Object	To detect an abandoned object and find a person who left it
Tracking	To perform perimeter control of selected area, border, or line
Crowd Monitoring	To count people in a crowd, to notify about crossing of a preset threshold
Behavior analysis	Fighting, Fall down
Smart Analysis	Target track Cross Border Guard object Face detect Tripwire Left obstacle Direction
Motion detection	To motion by human
Local Recording	
Recoding mode	Continuous recording, Recording by system event, Recording by camera motion sensor, Scheduled recording with the 5 ability to combine recording modes, Recording by operator's command.
Compression standard	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG

Device recoding	SAN, NAS, IPSAN Record, USB
Local storage	Support local PC video storage, alarm, timing, manual, motion detection
Video Search	Time, Event
System LOG	
LOG	Alarm, Operations log, Remote configuration log
User management	
Login	Supports multi-user login and configuration (Operate, Guest, Administrator), data backup management (Ability to grant access rights, prevent backup, nauthorized distribution)
Remote access to your CCTV system	To get remote access to your video surveillance system, you can use through web client via the browser to live view and setup via LAN local, internet. Video stream formats supported by clients: MJPEG, MPEG-4, MxPEG, H.264, H.265 and any versions of operating systems.
Permissions	Camera lights PTZ control, setup Playback Rights, Local, Remote and Edge Recording Audio Rights Remote Configuration (NVR/Camera) Rights
Watermasking	Yes
OSD Configuration	Device Name, Channel ID, Channel Name, Time, Custom OSD
Decoding video wall	
Video wall	64/32/16/9/4/1 Split Control Supports sequence tour, group tour, live, playback and PTZ control on video wall Configurable matrix style according to screen layout.
Operating System	
Operating System	Windows 7,8,10,11 32/64bit, Window Server
Language	English, Vietnam