



## Product Data Sheet

# UltraView VSC

## UltraView Video Security Center

### Overview

The UltraView VSC software (Video Security Center) is an intuitive and user-friendly GUI (Graphical User Interface) that offers security operators the possibility to manage their daily surveillance tasks with ease. The advanced feature set of VSC allows effective and preventive video security at premises of any size. Functionality such as virtual camera tours, integrated video content analysis and clickable maps help the operator stay focused on critical situations without worrying about the complexity of security operations or procedures.

### Live viewing

VSC provides the ability to view one or thousands of cameras (analog or IP) from anywhere in the system. Camera selection is straightforward through selection lists and clickable maps. PTZ cameras can be controlled with progressive speed management via the on-screen controls or through a traditional analog joystick controller. Live streams can be viewed on one monitor and on up to 4 monitors. Through MultiView, the user can create a customized video mosaic to view up to 36 live streams simultaneously.

### Playback

Recorded video streams from any device in the system can be viewed as easily as live streams. VSC enables multi camera playback, variable playback speed control, frame advance, reverse play as well as instant replay of selected camera records. Audio and video streams are synchronized during playback. Search for stored video can be done on alarms, time/date or user. Images can be exported and emailed in jpeg format; video clips can be authenticated and directly burned onto an evidence CD together with a video player.



### Standard Features

- Interactive video switching and display using a clickable map. Integrated graphical keyboard and joystick.
- MultiView (local multi video display) & MultiVision (remote multi video display) for live streams and upon events.
- Support of selected PSIA IP cameras, UltraView IP cameras (standard and megapixel) and third party IP audio encoder.
- Fast video retrieval and playback with timeline navigation. Multi criteria search and Smart Search feature.
- Flexible playback: frame advance, reverse play and fastback (instant replay).
- Authentication check of every video & audio stream. Easy retrieval of complete authentication report.
- Real-time events and alarms monitoring with email notifications.
- Video content analysis included (activity detection and camera maintenance agent). Possibility to upload third-party image analysis plug-ins.
- System objects for I/O management.
- Extended multi user support with group hierarchies.
- Multi-language support: English, French, German, Italian, Spanish and Portuguese (Brazil).
- Redundant configuration database for high availability and fault tolerance.
- Scheduled events for complete event management flexibility with rules using logic boolean (AND/OR).

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### Specifications

Standard GUI Software	
Live viewing	View cameras in normal or expanded size from anywhere in the system; On-Screen or traditional joystick for PTZ control; View cameras on PC or analog monitors (virtual matrix); Multiple PC monitor support (up to 4).
Playback	Playback (with speed control) of stored video to analog or PC monitors; Frame advance, reverse play & fastback; Search for stored video based on alarms, user or time; Synchronized audio and video; Export images and video clips to evidence CD.
Events	Supports various events: alarm input, motion detection, system status, camera maintenance, events triggered by the operator and scheduled events; Email notification upon alarms (up to 7 snapshots).
Graphic maps	Supports graphical maps and floor plans; Camera icons enable live viewing and control; System Objects icons allow I/O management and event triggering. Calling live or playback cameras can be done directly from the map. A variety of different map formats, such as vectorized or wmf files are supported.
Health monitoring	Monitoring of device fans, temperature, video ports; Status of recordings, HDD and network operations. VSC client performance icons (CPU % and Memory %).
MultiVision	Multi screen live views (drag-and-drop) on main client PC monitor or additional monitors; Possibility to save custom views for easy operator call-up; Multiple layouts.
Configuration	Configuration of cameras & camera groups, audio, I/O, storage, events, alarms, event manager, plug-ins, maps, users & user rights. All information is stored in a redundant configuration database.  "Express Configuration Wizard", a fast and easy tool for quick configuration of new devices. A more complete configuration can be done via the intuitive "ConfigPanel" application which allows administering the entire video security system.
Digital Video Equipments	
	All H.264-SVC devices: Encoder 10, Decoder 10, Recorder 40/40D, Recorder 60, Recorder 80, UltraView NVR 80 and TruVision NVR 40.
	Requires VOS 4.3 software release
Minimum System Requirements	
	Windows XP Pro, Windows 2008 Server, Windows Vista Business Edition and Windows 7 Pro compliant PC.
	Intel Core2 Duo, Core2 Quad, Core i5 & i7, Xeon 3000 & 5000 series; AMD Phenom II, Opteron Dual & Quad Core; Min. 1 GB RAM; Min. 5 GB available HDDs; CD ROM; Network Interface Card
	Graphic Adapter: NVIDIA Geforce 8800, 9600, 9800 & GTX200 series; ATI Radeon 3800, 4600, 4800 series; OS : Windows XP Pro SP2
VSC versions	
Note	Not all new features are supported under the Wavelet version

### Ordering Information

Part No.	Description
UltraView VSC	UltraView Video Security Center - Graphical User Interface

### Events

Events and alarms can be generated from various inputs such as sensors, health monitoring, activity detection and camera maintenance algorithms. Third-party video content analytics alarms are also supported. These events are reported to the designated client workstation(s) and generate audible and visible alarms on the alarm panel divided into "System alarms" and "User alarms" for improved management. With "System Objects", the user receives visual notification of any I/O change from the map. Finally, emails can be sent upon alarms along with up to 7 JPEG snapshots spanning PRE, POST and ALARM events.

### MultiVision

VSC enables remote multi video display called "MultiVision" with different customizable live views through simple camera drag-and-drop. The application can be placed on the main client PC or on one of the additional VSC monitors. MultiVision allows for multiple layouts (4, 6, 9, 16, 25 or 36 screens) with unlimited number of predefined views saved by each operator individually. Mosaic display can also be associated with any alarms and then displayed on any "Multivision" monitors.

### Health monitoring

A robust and reliable security system should be able to provide a health status overview at any given time. VSC monitors device fans & temperature, video port configuration & status, status of the recordings & hard drives for all UltraView Enterprise Video Platform (EVP) equipment in the system as well as network operations. The operator can receive system events directly in the alarm panel ("System Alarm"). Finally, 2 icons will display the local PC performance status with the CPU and memory usage level (displayed in %).

