

CompleteView™

Dell PC Based Digital Video Surveillance & Recording System



Key features for CompleteView Include:

Factory Integrated by Dell

CompleteView™ is integrated by Dell Computer into an OptiPlex business-class PC. CompleteView comes with a limited 3-year warranty, backed by Dell Computer Corporation – one of the most highly rated and widely respected PC system manufacturers in the world.

Extremely Easy to use

CompleteView was designed from the ground up with the novice user in mind. With intuitive easy-to-use features and functions for camera viewing, recording, and playback, CompleteView can be effectively used to perform all common video surveillance duties. CompleteView includes “Wizards” which make everyday tasks easy, such as finding the video related to an event, exporting the recorded video to a CD-Recordable disc or copying a snapshot of an event to a floppy disk. Video event files can be easily exported in Microsoft standard AVI file format.

Engineered with the IT Department in Mind

CompleteView has been engineered with your IT department in mind. Through the use of an industry standard MPEG-4 compression engine, CompleteView's bandwidth consumption is far lower than products that are based upon yesterday's M-JPEG standards. CompleteView allows an administrator the freedom to perform all administration and configuration tasks – for any CV DVR on the network – either locally or from a remote workstation. Administrators can independently specify the destination of recorded video for each camera source. This can be to a local drive, a location on the network, or a combination of both.

High Frame Rate Recording with iSearch Playback

CompleteView can record up to 30 frames-per-second on each video channel, with a maximum of 160 FPS supported per system. This allows for smooth video review, no matter how many cameras are connected and recording. With Salient's iSearch technology, a user can search for activity within a specified time period, even if motion detection was inactive at the time of the recording.

User Configurable High Resolution Viewing

CompleteView allows the administrator to define how many viewing windows are available to the user; camera placement and sizing on each window; and even enables the administrator to add their own custom window layouts.



Consistent Client Software

No longer do you need to train users on the differences between local and remote versions of your surveillance software. CompleteView offers a single client that can access camera views from a local DVR, a remote DVR or a combination of both. The process of event search and retrieval is the same for both local and remote. User training is dramatically reduced.

Independent Camera Control

Every function relating to a camera is independent of the others. Each camera can be configured to capture video at resolutions of 160 x 120 (QCIF), 320 x 240 (CIF), or 640 x 480 (VGA). The capture quality can be set from among three levels. Specify the recording FPS rate for alarm, motion detection, and continuous scheduled recording independently. Adjustment of hue, saturation, contrast and brightness of each camera is also offered.

Remote Alarm Notification

Complete View can send an email along with a video snapshot to a specific email address if an alarm condition was detected by the DVR.

Dealing Directly With the Maker of the Product

Many DVR systems on the market are actually the same product branded with a different name. It is important to know who makes the DVR you are using. Salient Systems is the manufacturer of CompleteView and can provide customized features and interfaces for any variety of applications.

Fantastic Support

By dealing with the manufacturer of the software and video capture hardware you know that when you call us you will get the right answer to any support question or issue that might arise.

“We are always ready to provide you with great customer support at Salient Systems!”



Per Hanssen
President



Mark Ellsworth
Dir. of Sales & Mktg



Louis Capo
Regional Sales Manager



Maureen Engwer
Regional Sales Manager



Thore Karlsen
Software Engineer




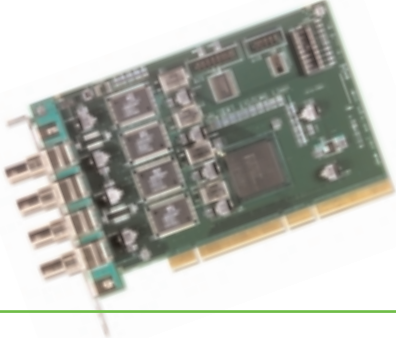
Josh Hinze
Support Engineer



Faye Martin
Accounting

CompleteView

Technical Specifications

System Configuration		Dell Optiplex GX260 <ul style="list-style-type: none"> ▶ Intel Pentium 4 (2.4 GHz or higher processor) ▶ 512MB PC2700 DDR SDRAM ▶ Keyboard ▶ Mouse ▶ 1.44 MB floppy ▶ CD-RW ▶ 10/100/1000 NIC ▶ USB 2.0 ▶ Windows 2000 Professional 	
Disk Storage	Internal: 80GB – 400 GB External: USB 2.0 external storage module supporting up to 6TB of local storage per server		
Resolution (NTSC), Live Display	320 X 240 / 640 X 480 / 160x120		
Recording Mode Supported	Circular (FIFO)		
Compression	MPEG-4		
Video Inputs	4 / 8 / 12 / 16		
Video Outputs Supported	One composite / S-Video output (optional)		
Alarm Inputs	4 / 8 / 12 / 16 (optional)		
Remote Access	LAN, WAN, Internet (via TCP/IP)		
Pan/Tilt/Zoom Control	PTZ connects to the DVR via an external RS-232 to RS-485 adapter (optional) PTZ control via PC mouse (standard) or PC joystick (optional)		

Days of Recording Calculator										
Image Size	X	Frames Per Second	X	# Of Cameras	X	Hours of Recording A Day	X	Storage in days	X	.0036 = Required HDD Storage (GB)
5	X	7.5	X	16	X	8	X	30	X	.0036 =disk storage needed

Maximum Frames Per Second Recording (NTSC)		
	320 X 240 Resolution (Normal)	640 X 480 Resolution (High)
4 Cameras:	30 FPS	9 FPS
8 Cameras:	15 FPS	6 FPS
16 Cameras:	10 FPS	2.5 FPS

Video Input Connectors	BNC
Camera Recording Modes	Motion Detection (resolution and frame rate are camera independent); Post Motion Recording supported. Scheduled (resolution and frame rate are camera independent). Programmable recording in 15 minute increments.
Intelligent Storage Management	Camera recording to local drives or network location
Camera Settings	Brightness, hue, saturation, and contrast can be modified per camera
Video Search Method	Search based on camera, date, event and selected times
iSearch “Intelligent Search Agent”	Ability to use motion detection to search archived video
Export File Options	Snapshot (BMP file); Video clips (save to location or CD-recordable)
Video File Format	Exports to Microsoft Standard AVI
Remote Management Configuration	Full administration capabilities are available local and remote
Alarm Trigger Notification	Email notification with image snapshot on motion detection alarm

PTZ Camera Protocol Supported		
▶ Pelco D	▶ Pelco ASCII	▶ Kalatel
▶ Ultrak / Diamond	▶ Panasonic New & Conventional	▶ Samsung
▶ SAE	▶ Canon VCC4	▶ Sensormatic
▶ Philips Bi-phase	▶ Vicon	



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