

3VR Searchable Surveillance SystemSM

3VR integrates an IP video system with federated management, intelligent video, and crime-fighting tools to identify and prevent illegal activities and enable powerful investigations.

3VR offers an unparalleled combination of capabilities to lead your organization into the future:

SmartVideoSM - 3VR's IP surveillance offers hybrid management of cameras and industry-leading reductions in storage and bandwidth.

- Hybrid management of an array of cameras including analog (without encoders), IP, megapixel, PTZ, and USB cameras.
- Reduce 90% of current bandwidth and storage use with customizable recording schedules and event-based monitoring.
- 3VR's Camera Virtualization, an industry first, simulates multiple cameras with one megapixel camera to reduce the number of cameras and maintenance costs.

SmartSearchSM - 3VR's patented Event Search Engine and integrated analytics brings Google-like power to solve even the most difficult investigations.

- Gather video and evidence more efficiently using Federated EventSearchSM to instantly query for and compile relevant surveillance events from cameras and transaction servers across an enterprise.
- EventViewerSM presents summaries of intelligently selected thumbnail images in an easy-to-use storyboard.
- FaceOptimizerSM analyzes all incoming video and intelligently selects high-quality faces that can be stored, viewed, and retrieved.
- FaceSearchingSM enables similar faces to be discovered across locations.
- CaseManagerSM organizes, retrieves, exports and permanently archives case data.

SmartFusionSM - 3VR's enterprise platform provides federated operational management and nCode, a revolutionary open standard for integrating intelligent video. SmartFusion is the foundation for 3VR solutions such as **CrimeGuardSM**, which identifies illegal activities and tracks suspects through the seamless integration of video management with analytics and facial recognition.

- Advanced Health Monitoring allows for federated management of systems, hard drives, cameras, users, and networks, which reduces downtime and maintenance costs.
- nCodeSM, the industry's only open standard for intelligent video ensures optimal use and integration of the best video analytics available.



Features

Maximum Images per Second (NTSC/PAL)	480
Storage Capacity - 800i/1600i	750 GB/ 1.5 TB
Mirrored Storage (optional for 1600i)	RAID1, 750 GB
Windows XP Embedded	Yes
Resolution (CIF)	1,2,4 CIF
Codec	H.264 (MPEG4 Part 10)
Camera-Selectable Frame Rate	Yes
Hybrid IP/Analog	Yes
Scene Change Analysis	Yes
Motion Detection	Yes
Instant alert notification:	
Remote	Yes
Email	Yes
Alerts Indexing	Yes
Create and Share Alerts	Yes
Thumbnail-Based Search Results	Yes
Alert Quality & Sensitivity Setting	Yes
Dome Control	Yes, manufacturer protocols
Summary Dashboard of Events	Yes, up to last hour
Multi-Screen Playback	Yes
Transaction/POS System via API	Yes
Transaction/POS System via Web	Yes
Transaction/POS System via 3rd Party Integration	Yes
One-Click Thumbnail Export	Yes (PC, CD-RW or Email)
One-Click Mass Export	Yes (PC, CD-RW or Email)
Case Management	Yes
Saved Searches	Yes
Activity Log	Yes
Chassis Configuration	2U, Rack Mount
Support for Remote Configuration & Management	Yes
Health Monitoring	Yes
Alarm Inputs	Yes

CrimeGuard (Optional)

Face Biometrics	
Face Capture	Yes
Face Similarity Searching	Yes
Real-time Face Alerts	Yes
Share Faces Across Systems	Yes
Create/Share Watchlists of Faces	Yes
Case Management	Yes

Specifications

Drive Type	SATA
Exporting	CD-RW or Email
Video Standard	NTSC/PAL/IP Megapixel
Video Inputs - 800i/1600i	8/16
Type of Cameras Supported	Analog NTSC or PAL video cameras; AXIS, Sony, IQinVision, and Arecont Vision IP cameras, PTZ cameras utilizing Axis, Sony, Pelco, Panasonic, or American Dynamics protocols
Main Monitor Output	SVGA
Network	1x gigabit
USB (front/ back)	1/4
Serial Port (RS-232)	1x DB 9
Support Expansion through USB (4xDB9)	Yes
SCSI Interface	No
Visual Indicators	Power, disk activity
Mouse	PC mouse included as standard
Physical	Rack Mount Model
Dimension (HxWxD)	3.5 x 19 x 17
Unit Weight	27 lbs
Shipping Weight	30 lbs
Environmental	
Operating Temperature	5° to 35°C (41° to 95°F)
Humidity	5% to 95% RH (noncondensing)
Storage Conditions	-10° to 60°C (14° to 140°F)
Maximum Operating Altitude	3,048 m (10,000 ft)
Electrical	
Power	100-240 VAC

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