



VISIONHUB SMART VIDEO RECORDER (SVR)

SVR 9000 SERIES - NETWORK VIDEO
RECORDING AND MANAGEMENT

SMART NVR (SVR) PORTFOLIO



PLATFORM	SVR9050	SVR9100	SVR9200	SVR9320	SVR9420	SVR9620	SVR9820
Network video recorder specs							
Maximum supported number of channels	4	16	128	100/50	128		
Total server throughput (recording, live & playback) / Recording throughput	12Mbps / 8Mbps	49Mbps / 32Mbps	195Mbps / 128Mbps	304Mbps / 200Mbps	576Mbps / 384Mbps	576Mbps / 384Mbps	778Mbps / 512Mbps
Camera Tampering Detection (CT) and Visual Parameters Optimizer (VPO) -[# of supported channels]	4	16	128	100	128		
Max number of VA Channels (CIF@HRT)*	2	2	8	8 VA channels out of 50 recorded channels	12	40	0
Max Suspect Search Channels (4CIF/HD)*	–			4 channels out of 16 channels	8 channels out of 32 channels	40 channels out of 128 channels 32 channels out of 32 channels	–
Supported resolutions	4K (3840x2160) • WQXGA (2560x1600) • QXGA (2048x1536) • HD 1080 (1920x1080) • UXGA (1600x1200) • SXGA (1280x1024) • WXGA (1280x960) • HD 720 (1280x720) • Full D1(720x480, 720x576) • 4CIF (704x576, 704x480) • 2CIF (704x288, 704x240) • CIF (352x288, 352x240) • VGA (640x480) • QVGA (320x240)						
Video compression	Standard channels H.264,MPEG4, H.263+, MJPEG, MxPEG • VA channels - H.264, MPEG4						
Audio compression	G.711						
Audio support	✓						
Inputs	Broad range of IP cameras and encoders						
PTZ support	Network PTZ camera, Analog camera through encoder						
Maximal storage capacity	400GB	4TB	4TB	18TB	140TB	140TB	140TB
Storage options	Internal un-raided	Internal un-raided	Internal un-raided	Internal RAID (5)	Internal RAID (1+5 or 1+6)	Internal RAID (1+5 or 1+6)	Internal RAID (1+6)
Triggers interface	Software API						
Technical specifications							
Operating system	Windows 7 Embedded Standard. Installed on HDD	Windows 7 Embedded Standard. Installed on HDD	Windows2012R2	Windows2012R2	Windows2012R2	Windows2012R2	Windows2012R2
CPU	Intel Pentium G3420 Processor	Intel® Core™ i3-4330	Intel Xeon E3-1231 V3	E3-1220-v5	E5-2620-V4	2 x E5-2640-V4	2 x E5-2620-V4
RAM	2GB	8GB	8GB	8GB	16GB	16GB	32GB
Power consumption (maximal)	315 Watt	100/240V 365 Watt	110/220V 250 Watt	110/220V 350 Watt	110/220V 750 Watt	110/220V 750 Watt	110/220V 750 Watt
Heat Dissipation (BTU/H) (standard working)	1075.41 (max)	1246.11 (max)	1039 (max)	1357 (max)	2891 (max)	2891 (max)	2891 (max)
Dimensions							
H x W x D	29.0 x 9.3 x 31 (cm) 11.4 x 3.7 x 12.3 (in)	36.0 x 17.5 x 41.7 (cm) 14.2 x 6.9 x 16.4 (in)	4.28 x W: 43.4 x 49.5 (cm) 1.67 x 17.09 x 19.5 (in)	4.28 x 43.4 x 61.0 (cm) 1.68 x 17.09 x 24 (in)	8.73 x 48.2 x 75.58 (cm) 3.44 x 18.98 x 29.75 (in)	8.73 x 48.2 x 75.58 (cm) 3.44 x 18.98 x 29.75 (in)	8.73 x 48.2 x 75.58 (cm) 3.44 x 18.98 x 29.75 (in)
Weight (maximum configuration)	6.0 kg (13.2 lbs)	9.4 kg (20.68 lbs)	10.6 kg (20.96 lbs)	13.8 kg (30.42 lbs)	36.5 kg (80.47 lb)		
Environmental data							
Operating temperature	5° - 45°C (41° - 113°F)			10° - 35°C (50° - 95°F)			
Operating humidity	20% - 80% (non-condensing)			10% - 80% (non-condensing)		10% - 80% (non-condensing)	
Accessories							
Rack mount kit	–			✓			
Redundant power supply	–					✓	
Maintenance Management	–			✓			

SVR 9000 Series - Network Video Recording and Management

The SVR 9000 series is a complete portfolio of open smart network video recording and management servers, offering a full range of performance and storage features. It provides high resiliency, cost effective scalability, advanced logic and applications as well as built in video analytics applications for early detection and proactive mitigation of security and safety events.

COMPREHENSIVE FAMILY OF SVRS

Full range of video servers accommodating various performance and storage requirements

- Turnkey (hardware and software) and software-kit options
- Built-in video analytics in all platforms
- High availability of all system elements for non-stop operation
- Seamless fail-over to backup SVR in the event of failure; dual recording option; CSS option

Advanced video quality and integrity tools

- Camera Tampering Detection alerts when video integrity is compromised
- Visual Parameter Optimizer (VPO) achieves higher quality video in a continuous process
- Advanced mechanisms to guarantee video authenticity in exported files

Efficient video transmission for optimal network utilization

- Level of Service (LoS) provides optimized viewing aligned with end-station resources

Advanced Video Analytics (VA)

- The SVR combines video recording and a full set of field-proven VA applications in a single integrated platform
- Flexible activation of any VA application for any channel
- Compatible with a wide range of 3rd-party edge devices

Open architecture

- APIs for easy integration of 3rd-party security systems
- Seamless integration with a wide range of edge devices (IP cameras and encoders)
- Native support in virtualization environments for software kits

Smart usage of resources

- Resolution and frame rate change upon event provides optimal viewing of events while reducing storage space
- Video analytics-driven recording saves storage space by recording only event-related data
- Multicast support

Intuitive video management

- Remote management, configuration and viewing via the dedicated video management application
- Distributed client/server architecture for managing multiple users and sites

ABOUT

Qognify helps organizations mitigate risk, maintain business continuity, and optimize operations. The Qognify portfolio includes video management, video and data analytics, and PSIM/Situation Management solutions that are deployed in financial institutions, transportation agencies, airports, seaports, utility companies, city centers, and to secure many of the world's highest-profile public events. www.Qognify.com

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