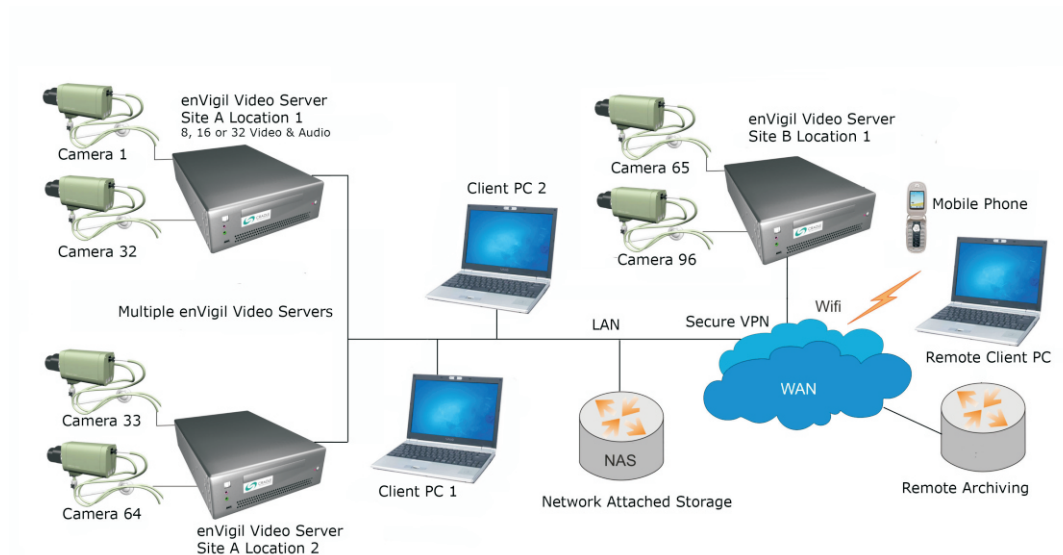


Key features

- Industry compliant H.264 & MPEG4 compression
- Audio support on all channels
- Secure access via VPN
- Instant alerts on your mobile via SMS.
- Extensible storage support through NAS and RAID
- Global access - best video quality irrespective of location by adapting to available internet bandwidth
- Advanced user access & management options
- Dynamic DNS support (no need of static IP)
- Intelligent UPS support to preserve video in case of sudden power loss
- Easy upgrade to enVigil from old DVRs using existing wiring & cameras
- Configure your own system by ordering customized in-box HDD storage

System architecture using enVigil



enVigil Model	Channel (V/A)	HDD	Encoding performance						Minimum storage capacity (days)	
			H.264 (PAL - fps)			MPEG4 (PAL - fps)			Continuous Recording	Motion-based Recording
			CIF	2CIF	4CIF (D1)	CIF	2CIF	4CIF (D1)		
CS/ES 0805	8	500 GB	200	100	50	200	100	50	34	65.5
CS/ES 1605	16	500 GB	200	100	50	400	200	100	17	32.75
CS/ES 3210	32	1 TB	400	200	100	800	400	200	17	32.75
CM/EM 0805	8	500 GB	200	100	50	200	100	50	34	65.5
CM/EM 1605	16	500 GB	200	100	50	400	200	100	17	32.75
Note	- Actual HDD consumption may vary depending upon system configuration such as fps, bit rate, QP etc. - Additional HDD capacity can be provided if required. Software versions: C= Commercial, E=Enterprise Hardware versions: S=Standard, M=Mobile									

Target market

- Retail stores
- Shopping malls
- Multiplexes
- Jewelry, Diamond shops
- Banks, Data centers
- Hotels, Motels
- Pharmacies, Hospitals
- Railway and bus stations
- Factories, Manufacturing plants, Warehouses
- Construction sites
- Office buildings
- Apartments
- Museums
- Parking lots
- Gas stations / Petrol pumps
- Schools & university campuses

Technical specifications

Specifications	8 Channel system	16 Channel system	32 Channel system
Video format	NTSC or PAL	NTSC or PAL	NTSC or PAL
Video and audio* input	8 (BNC)	16 (BNC)	32 (BNC)
Video output	1 BNC for TV, 1 VGA for computer monitor		
Video compression	Adaptive rate control MPEG4/H.264/MJPEG		
Video encryption	Yes (with secure access over VPN)		
Recording resolution	CIF or 2CIF or 4CIF (D1)		
Sensors*	4 digital inputs per I/O box, up to 8 I/O boxes can be connected		
Relays*	4 digital outputs per I/O box, up to 8 I/O boxes can be connected		
Recording speed	Configurable per channel		
Recording mode	Continuous, schedule and/or event (motion, video loss, blind detection) based		
Alarm actions	Email, SMS*/Text message, Triggered recording, Sensor, Relay		
Playback search	By camera,date/time, event		
Video analytics	Motion detection, Blind detection, Video loss		
Event log	User logs, system logs		
Remote access & configuration	Local/Remote client, Multi-location* server access. (User type = Admin, Shared, Viewer or Private)		
User input/output device	Keyboard, Monitor, Mouse, TV, Speaker, Microphone		
Timer	Built-in clock, synchronized with global NTP server		
Network (Ethernet)	10/100 Mbps		
Archival/Storage	Manual, Camera/Calendar based (Local HDD, USB storage or NAS*),Hot swap,RAID5/6 compatible		
Rs485	For PTZ & digital I/O (Network PTZ control from client)		
Power rating	AC 100-240V (12V DC-6Amp for mobile systems)		
Size (lxbxh) in mm	345x219x100		
Weight	4.8 Kg		
Operating temperature	0°C to +40°C		
Humidity	20% to 93% relative humidity, non-condensing		

* These features are supported in enterprise systems

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