Interactive Surveillance Solutions

PRO1 Series
Hybrid NVR

3×LOGIC VIGIL™ Series Solutions

"My analog CCTV systrem cannot give me clear, crisp high-quality images. The images become blurred when zoomed in."

"I don't know if my DVR or cameras are working. Wait, let me check the system first."

"I want to know the health of my CCTV system but there aren't such systems that can do this. I want to be notified when alarms happen or when my DVR or cameras fail."

"I want to centralize my video recordings from multiple sites but insufficient bandwidth capacity is preventing me from making this possible."

"Searching video footage on my CCTV DVR takes up a lot of time and I still can't find what I'm looking for!"

"I want to install new megapixel cameras but at the same time, I want to retain my existing analog cameras. Replacing the entire system with megapixel cameras is very costly!"

These are some of the issues faced by users who have installed traditional CCTV DVR systems. With the advances made in digital surveillance, these valid comments can now be fully addressed using 3xLOGIC's solutions.

3xLOGIC VIGIL™ *PRO1* Series Network Video Recorder (NVR)

The 3xLOGIC *PRO1* Series NVR is 3xLOGIC's premier full featured NVR providing a wide range of capabilities including real-time hardware compression of up to 32 analog cameras in high-resolution. The *PRO1* Series also provides full-hybrid capabilities with *optional software licenses which allow the recording of a wide variety of IP, Megapixel IP and analog cameras.

Economical Modularity

The *PRO1* Series NVR is modularly designed to support both analog and IP camera inputs, starting with 4,8,16 or 32 channel inputs, plus any combination of analog and IP camera up to a maximum of 32 inputs. The *PRO1* Series allows users to purchase only the capabilities required for their current needs, while scaling to a cutting-edge, integrated video management solution with full enterprise capability at any time.

Advanced Compression Technologies

3xLOGIC's powerful built-in hardware encoding for analog cameras provides a choice of the latest H.264 compression algorithms. IP cameras can use either the native compression provided by the camera manufacture such as H.264 and Mpeg4, or choose our proprietary AZTECH™ recompression engine used with JPEG cameras for hard drive space savings of up to 90% while maintaining visual accuracy. Since all analog cameras connected utilize hardware compression, there is plenty of CPU power left to handle the latest megapixel IP video or license our built in video analytics engine.

Full Hybrid Technology

This hybrid compatible NVR allows you to get maximum use of the highest video resolution of analog cameras at a full 30 NTSC / 25 PAL fps, on every channel while recording IP cameras at the same time. Each available channel may be configured to record analog or the latest IP camera technology.
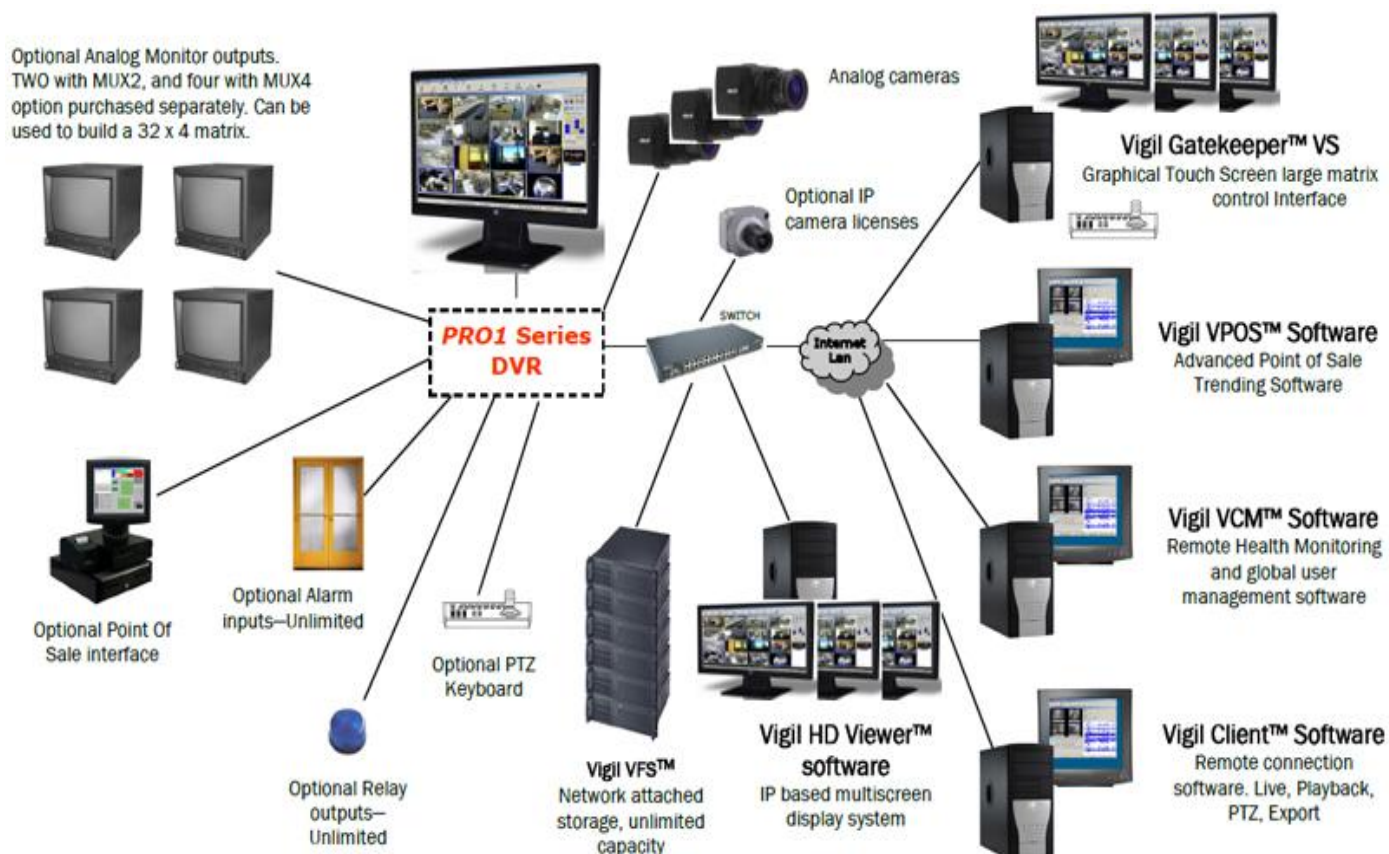
Real-Time Total Integration

The *PRO1* Series fully integrates with a wide variety of systems including Point-Of-Sale, ATM, Access Control, Caller ID and nearly any other data generated at the site. This provides robust reporting and notification about events of interest to a wide variety of responsible parties.

Extensive Additional Features

The *PRO1* Series features many built-in capabilities including full two-way audio, fast smart search, remote station alarming, on screen Pan Tilt camera control, digital zoom, image adjust, clip editor, AVI and original format export utilities, just to name a few.

*Optional Software Licenses

There are a variety of optional software registration keys available that can be purchased at the time of order, or when the need arises. VIDEO Analytics, POS integration, IP cameras, and Panoramic de-warping of 360 degree camera images are a few of the more popular options. Please consult with your 3xLOGIC representative for pricing details.

Optional Analog Monitor outputs. TWO with MUX2, and four with MUX4 option purchased separately. Can be used to build a 32 x 4 matrix.

Analog cameras

Optional IP camera licenses

PRO1 Series DVR

SWITCH

Internet Lan

Vigil Gatekeeper™ VS
Graphical Touch Screen large matrix control Interface

Vigil VPOS™ Software
Advanced Point of Sale Trending Software

Vigil VCM™ Software
Remote Health Monitoring and global user management software

Vigil Client™ Software
Remote connection software. Live, Playback, PTZ, Export

Vigil HD Viewer™ software
IP based multiscreen display system

Vigil VFS™
Network attached storage, unlimited capacity

Optional PTZ Keyboard

Optional Relay outputs— Unlimited

Optional Alarm inputs—Unlimited

Optional Point Of Sale interface

3×LOGIC
PRO1 Series Hybrid NVR

VIDEO INPUTS	
Analog Cameras	4/8/16 or 32 inputs
IP Cameras	Optional up to 32
Standards	NTSC/PAL/Ethernet IP

IMAGE QUALITY & RESOLUTION	
Analog Resolution (NTSC/PAL)	4CIF - 704x480 / 704x576 DCIF – 528x320 / 528x384 2CIF – 704x240 / 704x288 CIF – 352x240 / 352x288
Frame Rate	Up to 30 NTSC / 25 PAL fps per camera
IP Resolution	All Standard Resolutions/ Megapixel/ HD Megapixel/ Super HD Megapixel/ Other
IP Video Formats	Standard 3:4, 16:9, 180 & 360-degree horizontal, 360-degree top-down & others

COMPRESSION & PROTOCOLS	
Analog Cameras	Hardware compression H.264
IP Cameras	Native from camera JPEG, H.264, MPEG4, or AZTECH™ advanced
IP Dual Stream	Supported
IP Protocols	TCP/IP, UDP/IP, HTTP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, RTP, RTCP, PPPoE

RECORDING	
Modes	Constant, Scheduled, Motion, Alarm, Audio, Analytics, Other

AUDIO	
Inputs	32 max, 1 per analog camera input
Outputs	PC speaker

OPERATING SYSTEM	
Software	Windows XP Embedded
Physical OS Drive	Dedicated (250 GB typical)

HARDWARE	
Processor	Dual Core / Quad Core Core i3 / i5 /i7 2GB RAM (min.) 512 MB Graphics Card (min.)
Video Storage	500 GB – 20 TB Internal

Contact us:

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