



VideoIQ® HD Smart Video Analyzers

VIQ-400HD and VIQ-800HD:

Four and Eight Camera Video Analytics Engines



VIDEOIQ
SMART VIDEO SURVEILLANCE

Introducing VideoIQ® HD Smart Video Analyzers.

The VideoIQ HD analyzers act as **digital guards**, transforming video surveillance into dynamic, real-time systems for early warning and security protection. They continuously watch for and recognize important events, and automatically alert you — just as you would want a guard to do. Yet VideoIQ HD analyzers never blink, look away, or fall asleep. They watch non-stop for critical events, capture video clips of security breaches, send this information remotely for response, and provide live video streaming on demand.

The Industry's Most Accurate Analytics

VideoIQ offers the most accurate and reliable analytics on the market. It is the only technology that searches for patterns even before processing the image data, just like the human brain. This pattern-matching approach is how our eyes can blink shut before we even see an object flying at us. As a result, VideoIQ recognizes threats far faster and more accurately, with fewer false alarms, than any other analytic solutions on the market.

Key Features:

- Most accurate video analytics in the industry
- Easiest to install, truly plug and play
- Self-learning, becomes smarter with time
- Remote monitoring and maintenance
- Streaming on demand



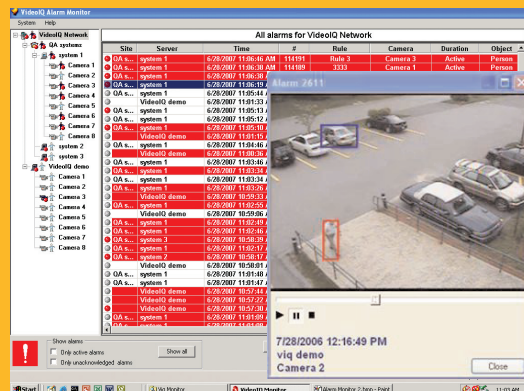
The **Live Video Screen**, for local monitoring only, captures all the information needed for reviewing alarms, setting up rules and watching live video of selected cameras.

The VideoIQ HD analyzers:

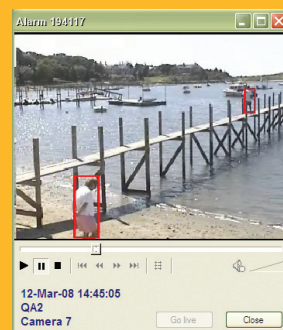
- Analyze four or eight full resolution video streams simultaneously
- Accurately recognize humans, vehicles, and boats automatically
- Can stand alone, or integrate with a DVR or matrix switch
- Respond by the rules users select for detection
- Includes local and remote monitoring and maintenance software
- NTSC or PAL compatible

Applications:

- Utilities and infrastructure (e.g. cell towers, water treatment facilities)
- Transportation (e.g. airports, seaports, bus and train terminals, highways)
- Homeland security (e.g. government buildings, borders)
- Commercial (e.g. car dealer lots, parking garages, warehouses)
- Residential construction and executive protection



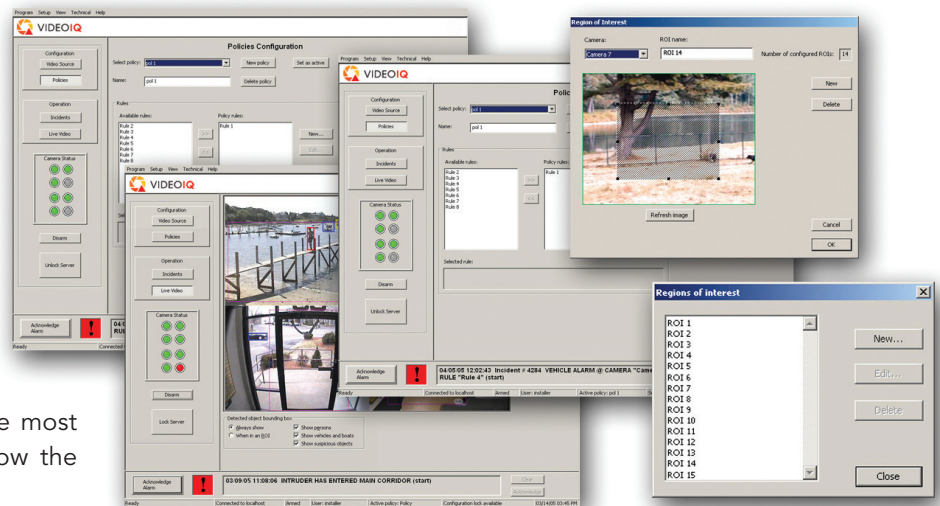
VIQ Alarm Monitor runs on a Windows 2000, XP or Vista PC to centralize alarms from all your HD systems. The Monitor displays alarms from remote HDs sent via LAN or WAN.



Alarm event video clips can be reviewed remotely, or can be emailed to cell phones or PDAs.

No calibration enables easy, fast installation

VideolQ delivers the only video analytics with no required calibration, saving installation time and making it the fastest and easiest to install in the industry. No lengthy walk testing or set-up time is required for calibration. VideolQ's plug-and-play approach makes it as easy to install as traditional motion detection. VideolQ also ensures the most reliable protection over time, no matter how the environment changes.



VideolQ's technology provides these advantages:

- Adapts to lighting changes automatically in seconds
- Automatically switches from day to night mode for day/night cameras
- Automatically learns to ignore even highly dynamic backgrounds
- Readjusts for seasonal changes or whenever a camera is moved
- Compensates for camera vibration

Self-learning translates to lower TCO

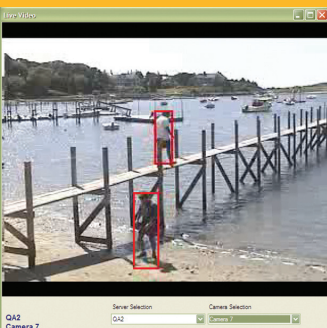
VideolQ HD analyzers offer the only self-learning technology in the industry. They continually watch and learn. The more a VideolQ HD analyzer sees, the smarter it gets. This advanced intelligence automatically learns and adapts, assuring the lowest total cost of ownership.

Proven technology in the most challenging environments

With over 100 million hours of real world video analysis, VideolQ systems are installed at hundreds of customer sites where they provide protection in even the most difficult environments:

- Continually changing backgrounds, such as water fountains, rippling water, escalators, and moving tree branches
- Poor, dimly lit scene illumination
- Bad weather, such as snow, rain and hail
- Transient light and shadow changes
- Poor quality video sources

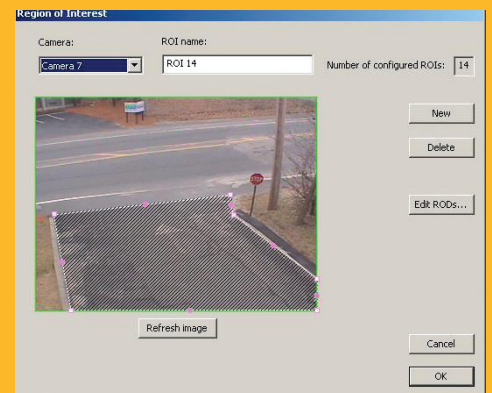
VideolQ HD analyzers work with any type of fixed analog video camera, whether color, black & white, thermal or cameras using infrared illumination. VideolQ has provided perimeter protection for years around chemical plants, water facilities, electrical utilities, border crossings, corporate campuses, and car lots, as well as for indoor intrusion detection and video verification.



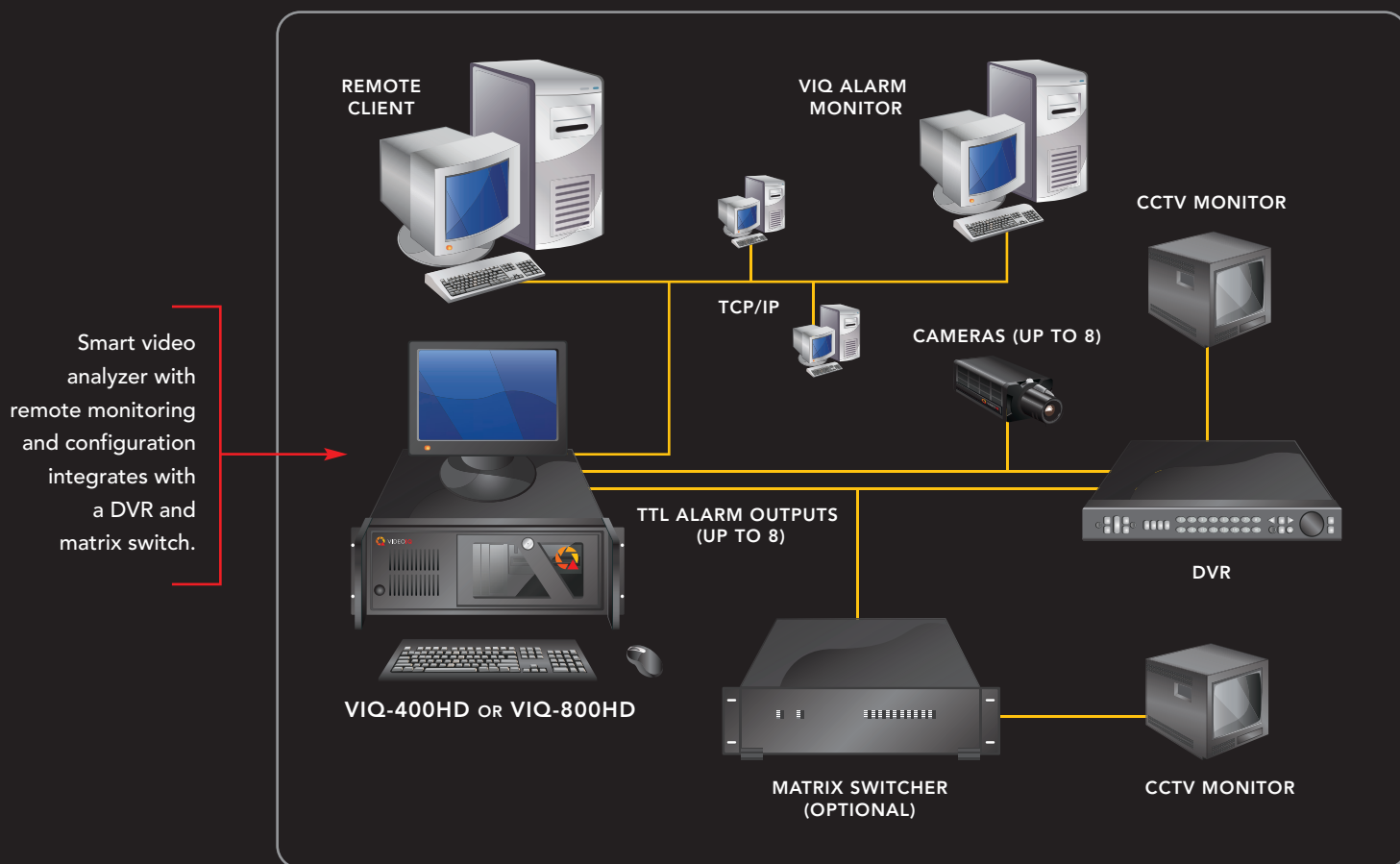
Live video can also be viewed remotely by clicking the **Go Live** button.



The **Video Source Configuration** screen makes camera set-up and labeling easy for local or remote maintenance and control.



Up to 10 **Regions of Interest** can be configured for each camera view. ROIs can be any polygonal shape, making it easy to set up multiple ROIs for any scene.



Specifications

PC Platform supplied

- 800HD: 3.4 GHz Pentium Processor, 1024 MB RAM
- 400HD: AMD Turion Dual Core Mobile 1.6 GHz
- 160 GB EIDE Hard drive
- Internal CD-ROM
- Operating system: Windows XP Professional and VideoIQ application

Power

- Power: 100 to 250 VAC, 50/60 Hz
- Power consumption — 400HD: 120 W
- Power consumption — 800HD: 350 W

Connections

- Video inputs: 8 for 800HD; 4 for 400HD
- Video format: NTSC or PAL
- Video output: 1 VGA
- Alarm outputs, TTL: 4 for 400HD; 8 for 800HD
- Alarm I/O levels: Active high or low, selectable
- RS-232 Port: DB-9 male connector
- RJ45: Ethernet 10/100 BaseT

Physical and Environmental

- 400HD Dimensions (WxHxD): 12.0 x 2.5 x 10.5 in. (305 x 64 x 267 mm)
- 400HD Weight: 7.5 lb. (3.5 kg)
- 800HD Dimensions (WxHxD): 19.0 x 7.0 x 17.7 in. (483 x 177 x 450 mm)

- 800HD Weight: 32.5 lb. (16 kg)
- Operating temperature: 32 to 133°F (0 to 55°C)
- USB Ports: USB 2.0 — 2 ports

Compatible Multiplexers and Recorders

- Interfaces with any DVR or Matrix Switch via TTL level Alarm Outputs

Client System Requirements

- Any PC running Windows 2000, XP or Vista

Model Number

- VIQ-400HD (four camera system)
- VIQ-800HD (eight camera system)

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