

SECURITY SOLUTIONS



Intelligent Video Surveillance
Analytic

**COMMERCIAL
RESIDENTIAL
MONITORING**

G&A/ZYCOM in Brief

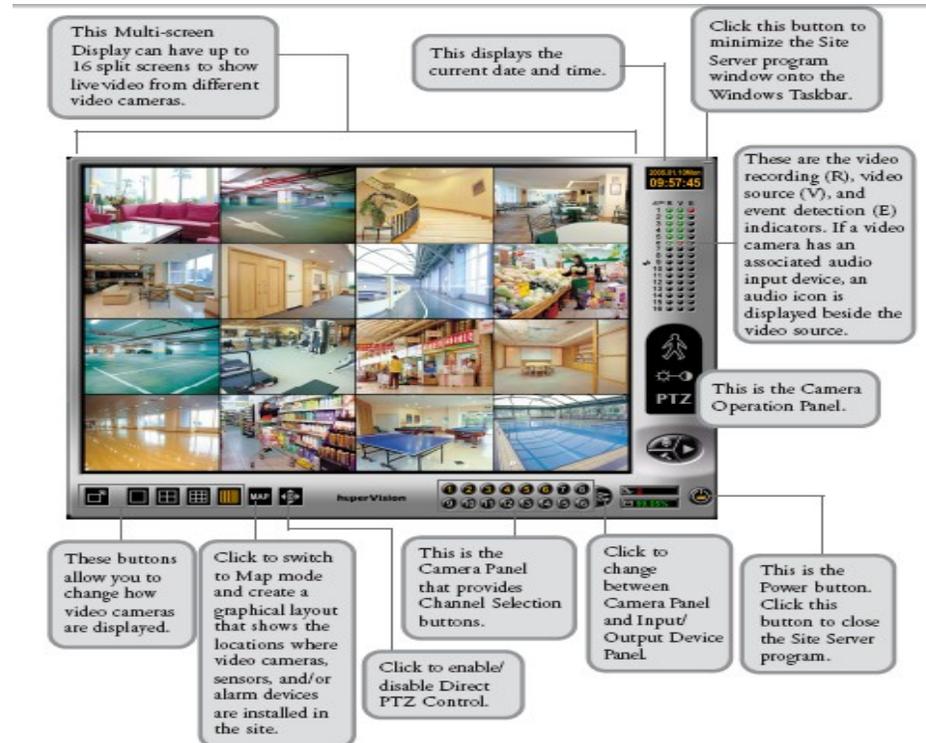
G&A/ZYCOM is an advanced and extensive company focused on interactive solutions for Internet based Digital Video Surveillance, CCTV and ACCESS control.

G&A/ZYCOM servers have a comprehensive configuration toolset offering: Monitoring, Remote viewer, Email, phone or pager notification with attached image.

G&A/ZYCOM offers more powerful and intelligent features in video content analysis, such as smart search and Object detection, License plate recognition, and many more.

G&A/ZYCOM has been devoted in installing easy-to-use and reliable surveillance products since 2000. So far, G&A has partnered with major universities, commercial site and residential complexes to name a few.

Constant Monitoring, a subsidiary of G&A, utilizes a unique technology to monitor video security cameras from our command center in Dallas Texas & Abuja Nigeria.



Detection

FOUR BASIC NEED FOR SURVEILLANCE



IDENTIFY Perpetrators

PREVENT Accidents or wrongdoing

PROTECT People and property

OBSERVE Processes

SPECIAL FEATURES



Watch your home or business **LIVE** from anywhere in the world.



Alarm Notification via telephone, email, pager. anywhere in the world.



Alert the police immediately if an intruder is detected.



UPGRADE existing analog surveillance system.



Imagine being able to give each camera specific instructions like you would to a highly-trained and expensive guard.

Intelligent Video Analytic



Missing Object Detection sends notifications if an existing object, like paintings in the gallery, is missing from the camera view for a period of time.



Left Object Detection sends warnings if unattended objects, like unattended luggage, are left on the scene for a period of time.



Virtual Fence Detection perceives intrusions when suspicious objects/people pass a predefined line or proceed the wrong way in single



Secure Zone Detection alarms when intrusions occur in one or more predefined forbidden zones.



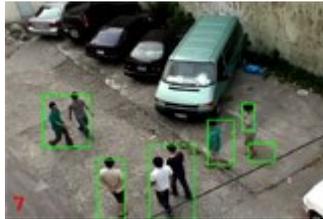
Flow Counting calculates the amount of objects/people passing a predefined line or area.

More Demo www.zycomsurv.com

Detection



Gender Detection Detect Human faces and log them in the surveillance video. **(Optional)**



Zone Counter Estimates the number of people occupying in the camera FOV. The system will alarm if any crowd is detected. **(Optional)**



Face Detection Can detect human faces and log them in the surveillance video. Security personnel will be able to find out who entered/left the entrance of restricted areas and what time. The system will also alarm if a human face is detected in the forbidden area. **(Optional)**



Smoke Detection Detects smoke and outline its location in the video, and trigger alarm at Center Monitoring Station. **(Optional)**



Flame Detection Sends notification when flames are detected in a predefine area. **(Optional)**



License Plate Recognition Can real-time recognize license plate numbers, and archive the video for further car plate search. **(Optional)**

CCTV Cameras



Other

Illuminator



LENS



PTZ



Cable & Power Supply



CCTV Cameras

Intelligent Search

Unique Size Filtering allows you to define the size of search target to increase accuracy.

Advanced Motion Search and Missing and Left Object Search



save much time in locating specific video segments from a huge database.

The thumbnail view displays search results for instant view.



Content Protection prevents video content from being tampered by embedding digital watermark in snapshots.



Record Player allows you to search and view previously recorded surveillance video. You can search for video records by specifying the camera number or the type of event (such as motion detection, virtual fence detection, etc.).



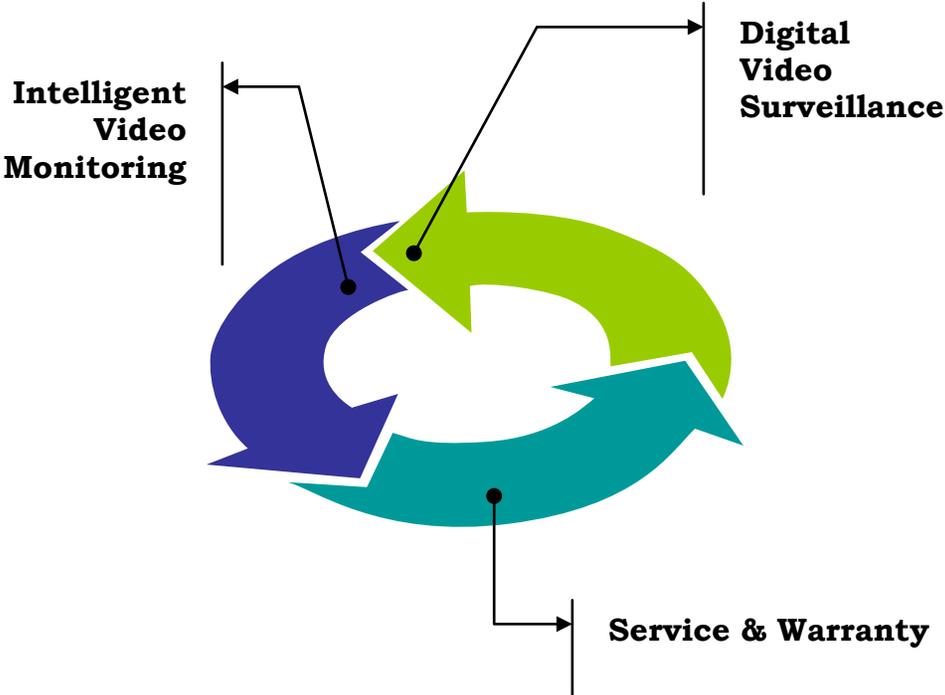
Remote Viewer allows live video surveillance and recording in a remote computer via web browser, and held hand devices. (IPhone, iPad, Black Berry, Droid Etc.)

Backup Scheduler allows you to make backups of the recorded videos. You can initiate the process manually, or configure this program to perform automatic backups onto the specified storage locations.

Built-in Wide Dynamic Vision Pack provides powerful features on video quality enhancements, sharpness adjustments, noise reduction, and false alarm prevention.

Detection

Product Offering



Intelligent Video Monitoring







G&A also offers their remote video monitoring service. **CONSTANT MONITORING**. With remote video monitoring, operators are standing by around the clock, monitoring your cameras from their state of the art Command Center located in Dallas, Houston, Lagos Nigeria. Some customers utilize the service only during off-hours.

The monitoring center by design will allow the customer, cameras to be used not just for viewing, but instead will allow *them to report activity as its taking place. With a variety of reporting criteria* that can be programmed into the system, the cameras now become an instrument to alert the officials of various developments around the facility.

When an event occurs, your security cameras begin to transmit directly to VMC via an encrypted high speed link. Alarm will sound when motion detected from each cameras. G&A Operators will determine if there is an actual crime and then contact local law enforcement and property manager within seconds of the criminal being detected. Sophisticated artificial intelligence detects humans. G&A installs high resolution cameras to provide an accurate description of the criminal along with video clips and still images that assist police (**admissible in a court of law**). Video of these events are stored in G&A's data center, ensuring the evidence is always available.

With a large number of cameras positioned around your facility, it is impossible to have an eye watching each one all the time. Due to that, a traditional DVR system **will only allow** you to go back and see what took place after the crime has been committed with the hopes that there is enough video evidence to make a positive identification of the perpetrator. Our Video Monitoring Center enhances the systems you have in place and allows the video of an incident taking place to be brought to the forefront as it is happening. Sophisticated artificial intelligence allows detection of perimeter violations, missing and left objects, Loitering Detection, Flow Counting items, License plate detection, Gender detection, and of course Motion Detection. Once one of these preprogrammed definitions is violated, the system goes into action and displays the event at the monitoring Center. At that point, local law enforcer can be notified of an actual crime in progress. With your help let's cut down on crime.



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