



Making Security Easier.

Surveillance Security Systems

**Diplomat**<sup>™</sup>

**Envoy**<sup>™</sup>

## GKB Professional IP Solution

### **A Comprehensive Network-Based Surveillance Solution for Large-Scale Security Systems Requiring Remote Management**

GKB Professional IP Solution solves the challenges of monitoring, controlling and managing large-scale security systems remotely with the help of GKB Cloud NVR<sup>™</sup>, GKB Envoy<sup>™</sup> software and GKB Diplomat<sup>™</sup> IP cameras. Taking advantage of advanced surveillance features found only with owing to the latest network technology, GKB Professional IP Solution offers unlimited possibilities in integrating with other surveillance systems.

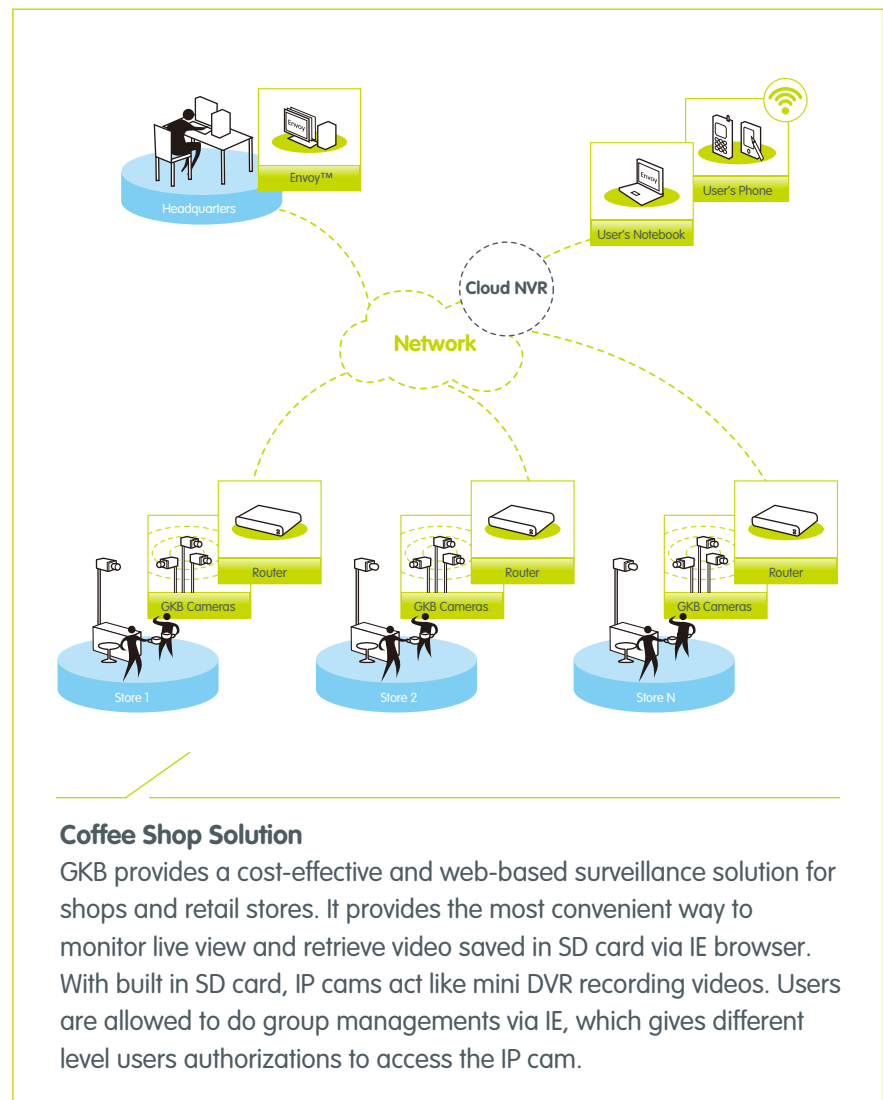
## Cloud NVR™

### The World 1st Cloud Platform NVR --Complete IP Cam Solution over the Internet

Cloud NVR is designed to provide revolutionary advantage to security industry. Cloud Computing is the latest computing technology based on the Internet and remote server to maintain applications and data. It allows organizations, businesses, and end users to use applications without installing any NVR software on computers. Based on this new technology, Cloud NVR provides World 1st Cloud Web Platform and Service over the Internet without troublesome software management and upgrade process on PC server. Users can access simply from IE Browser while NVR platform supports more than efficient computing and centralized management.

#### Similar applications:

- Kindergarten
- Pet Store
- Restaurant
- Convenience Store
- Day Care Center
- Senior Care Center



#### Coffee Shop Solution

GKB provides a cost-effective and web-based surveillance solution for shops and retail stores. It provides the most convenient way to monitor live view and retrieve video saved in SD card via IE browser. With built in SD card, IP cams act like mini DVR recording videos. Users are allowed to do group managements via IE, which gives different level users authorizations to access the IP cam.

### **Auto Network Configuration**

IP cams set up and connect to network automatically. Managing IP cams is as easy as creating Hotmail or Yahoo! e-mail accounts.

### **SD Card Video Retrieved through IE**

Main users and sub users can log in to SD cards in the cameras under their account to see the remote playback video. They can also save the video to their computer from IE remote playback.

### **Mobile Phone Access**

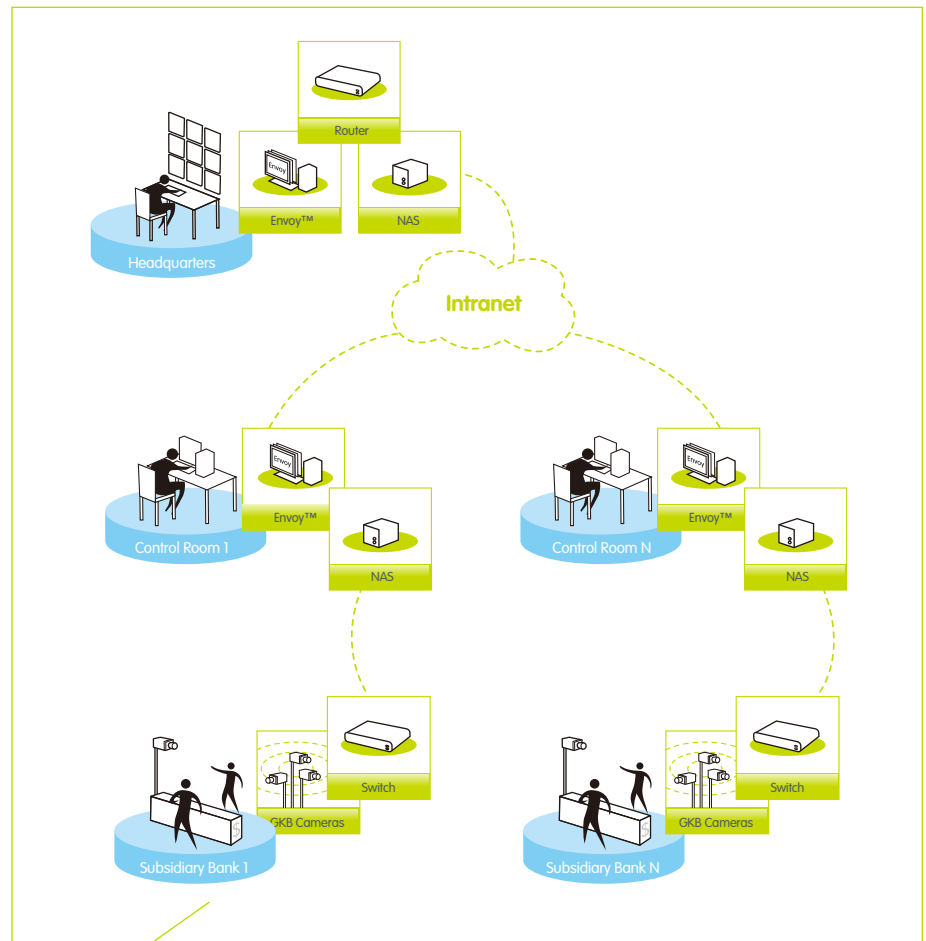
Users can type a WAP address on the mobile phone. IP cams need no fixed IP address. Users can access live images by simply logging in via the webpage. No extra software is required.

### **Sub Account & Group Management**

Multiple sub user accounts are allowed to create under each Master Account. Master account holder can manage all registered cameras by assigning them to different sub user accounts. A sub-user can only access the IP cam videos that are authorized.

## Professional NVR Solution

GKB Professional IP solution provides free enterprise-level NVR software, allows users to manage large scale of IP cams. NVR software can display 64CH live view at the same time. It allows users to record all 64CH IP cams at D1 resolution real time. Its added on software functions such as E-Map, Audio Alarm, Pop-Up Video, NAS recording, Client Software, and SD card recoding enable contractors and system integrators to design and plan customized solutions to projects at the lowest cost.



### Similar applications:

Connect under Intranet:

- AirPort
- Railway Station
- Subway

Connect under Internet:

- Warehouse
- Supermarket Chain Store
- Retail Warehouse
- Wholesale Chain Store
- Hotel Chain

### Bank Surveillance Solution

GKB provides NVR-10 server in headquarters and in each branch. Headquarters bank's NVR server can connect and control each NVR server in each branch bank through Intranet. Each NVR server in branch bank acts like a client server to allow the administrator at headquarters to log in to see the recording data and to do settings. Multiple recording methods and pop-up/audio alarm provide the additional protection to the secured surveillance system.

### **Group Management**

Group management function helps to manage whole cameras in all the branches as different groups. It divides the cameras into different groups. When the administrator wants to see specific cameras in a branch, he can simply click the branch group to access cameras.

### **Multiple-layer eMAP Enhances Group Management**

Multiple-layer eMap enhances group management function in a more efficient way by different areas or different floors.

### **Multi-Backup Protection**

The recorder playback can be stored in different sites:

- Master NVR
- NAS
- SD card in IP cams
- Client NVR

### **Remote playback**

Viewer-10 program can log in to branch NVR server, NAS, or SD card in IP cams to retrieve playback video and data remotely.

### **Pop-up/ Audio Alarm**

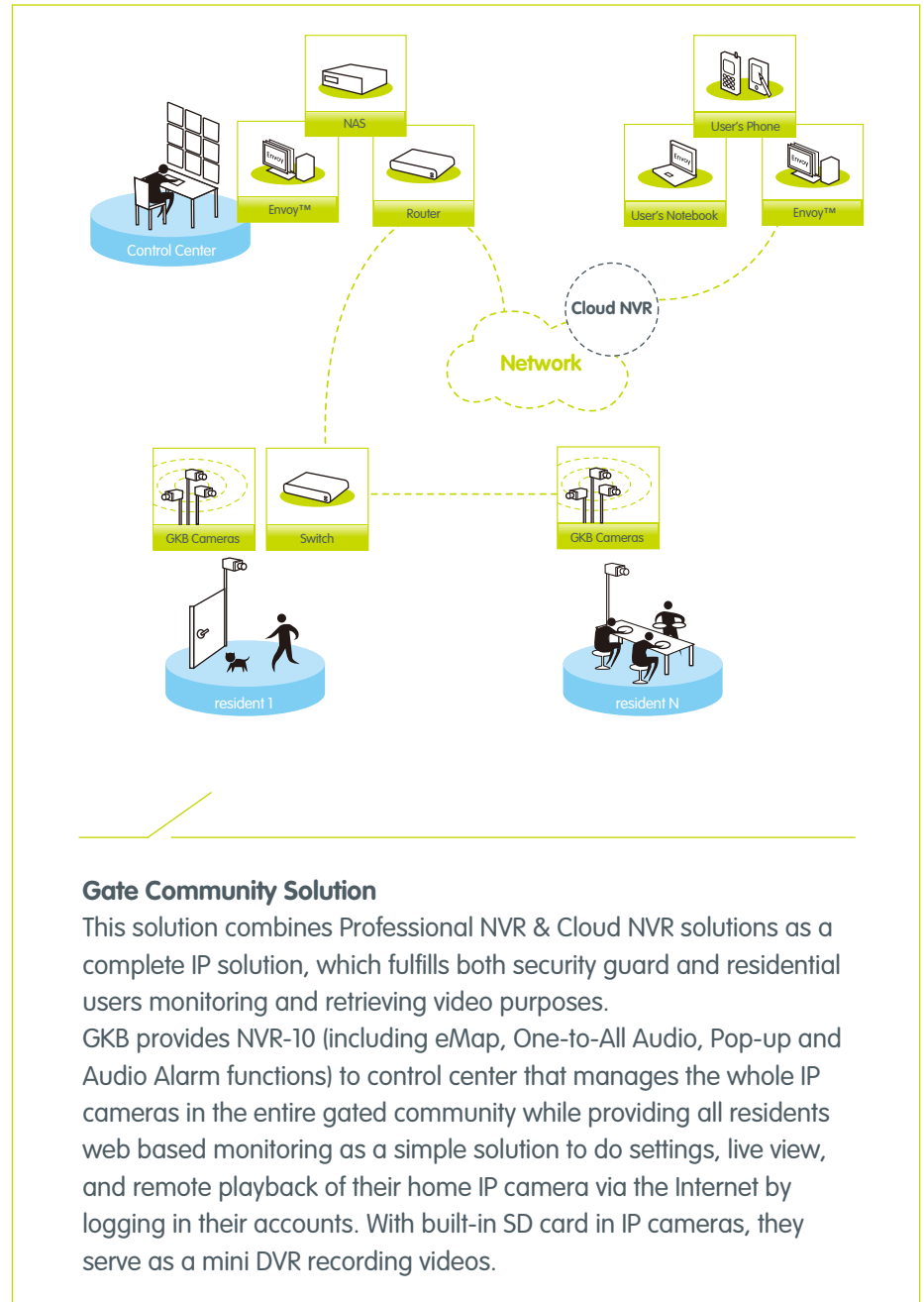
Video pops out and audio alarm sirens when the motion is detected or alarm is triggered. This is applied to cameras in important places for immediate check out.

### **Two-way Audio**

Two-way audio allows the administrator to hear the sounds from the specific cameras and also the administrator can announce to the people around to the cameras.

## Integration of NVR-10 and Cloud NVR™

GKB multiple video streams (8 video streams) of professional IP solution provides wider software applications to system integrators and installers. The combination of NVR-10 and Cloud NVR enables system integrators / installers to offer unique IP solutions. It allows the security guard to control all IP cams while end users are able to view their own IP cameras.



### Similar applications:

- Apartment surveillance and security control
- School and university security
- and etc...

### Gate Community Solution

This solution combines Professional NVR & Cloud NVR solutions as a complete IP solution, which fulfills both security guard and residential users monitoring and retrieving video purposes.

GKB provides NVR-10 (including eMap, One-to-All Audio, Pop-up and Audio Alarm functions) to control center that manages the whole IP cameras in the entire gated community while providing all residents web based monitoring as a simple solution to do settings, live view, and remote playback of their home IP camera via the Internet by logging in their accounts. With built-in SD card in IP cameras, they serve as a mini DVR recording videos.

### **Control Center**

GKB NVR-10 at control center assists to manage the whole residents' IP cameras in this community. NVR-10 supports TV wall, eMAP, one-to-all audio, pop-up/audio alarm functions to provide a complete surveillance system for the entire community.

### **eMap**

The area of entire community might be large, and eMAP function allows the control center to manage all cameras by map of the community area. eMAP function helps to locate where the IP cams are installed, which offers security guard more efficient management.

### **One-to-All Audio Announcement Function**

The control center can broadcast the announcement to all the residents when emergency is happening.

### **Pop-up / Audio Alarm**

Window Video pops up when motion is detected or alarm is triggered. This is applied to the cameras in important places in community during certain time in a day.

### **Create Accounts for Residential Users on IE Browser**

On the residential user side, the solution is totally based on IE. Use the Camera ID to create a master account on the website. It is as easy as applying any free web-based email service. After creating account, users can log in by ID and PW.

### **Residential Camera Management on IE**

Residential users can have operation privilege to all the cameras under their accounts. Users can develop their own camera settings, see live view, and retrieve remote playback.

### **Playback in SD Card Retrieving via IE**

Users can log in to SD cards in the cameras to see the remote playback video. They can also save the video on their computer by IE browser.

### **Mobile Phone Access**

Residents can type WAP address on the mobile phone. It directs users to a page, which allows users to enter Account and Password to see all the IP cams registered under the account. In this case, there is no need for IP cams to have fixed IP in order to be viewed by mobile phone.

## Diplomat™ Self-Networking Camera Options:

### CCD Sensor series: Progressive solution

GKB D6102	GKB D5102	GKB D3802	GKB DZ1801	GKB DZ180
				
Weatherproof IP Camera with Infrared	Dome IP Camera with Infrared and Varifocal Lens	Box IP Camera	Indoor High Speed Dome IP Camera with 18x Optic Zoom Lens	Outdoor High Speed Dome IP Camera with 18x Optic Zoom Lens

### CMOS Sensor series

GKB BX01	GKB D01	GKB PT01	GKB PTZ01
			
Indoor IP Box Camera with Fixed Lens	Indoor IP Dome Camera with Fixed Lens	Indoor Pan/Tilt IP Camera with Fixed Lens	Indoor PTZ IP Camera with 10X Optical Zoom Lens

### Video Server

GKB D101	GKB D102
	
1-channel IP Video Server	1-channel IP Video Server with SD Card Slot

GKB Security Corporation (GKB) is a global security solutions provider with a full range of user-friendly solution, security solutions and support services designed to meet the needs of small and medium-sized system integrators and security installers.

For more information about this solution, please visit us at [www.gkbsecurity.com](http://www.gkbsecurity.com) or email to [sales@gkbsecurity.com](mailto:sales@gkbsecurity.com)

### Networkworking

Video Compression	H.264 Base Line
Video Streams	8
Resolution	640x480, 320x240, 160x120
Protocol	HTTP, TCP, UDP, DNS, DHCP, PPPoE, Samba
Ethernet	10/100Mbps Fast Ethernet RJ-45 port
Operating System	Windows XP and above
Software Package	Envoy (Including:Viewer-10,NVR-10,Setup)