

## GV-NVR System Lite



### Introduction

The GV-NVR System Lite is a light-weight and an ultra-slim NVR system, which you can record video files directly to the internal hard drive. Exclusively designed for GV-IPCAM H.264 for networking surveillance, the GV-NVR System Lite supports a plug and play function to connect up to 4 cameras automatically. The GV-NVR System Lite is an ideal NVR system for small business or retail stores.

Its six USB 2.0 ports enable to connect with multiple peripheral devices, such as USB HDD, USB DVD player and etc. Its Gigabit Ethernet function enables high-speed Internet access for seamless Web browsing. Moreover, our VESA mounting solution allows you to mount the ultra-slim unit on the back of a computer monitor.

### Applications

Retail Store, Small Business, Home Security and Entrance and Reception Counter.



### Bundled GV-IPCAM H.264

You can select any 4 units from the following two series of GV-IPCAM H.264.

- GV-BX110D box camera (firmware version V1.04 or later)
- GV-MFD110 mini fixed dome (firmware version V1.04 or later)

### Main Features

- Compact and slim
- Up to 4 channels
- Exclusively designed for GV-IPCAM H.264
- H.264 / MJPEG / MPEG4 supported
- Dual video streams (Live view 15 fps at CIF with recording 15 fps at 1.3M, or Live view 30 fps at CIF with recording 30 fps at VGA)
- Automatic connection to GV-IPCAM H.264

- Video analysis (Advanced Motion Detection, Privacy Mask and Scene Change Detection)
- All-in-one solution (Live View, Playback, Recording, Backup, CMS)
- Standing mount and VESA mount options
- Pre-installation recovery from the hidden partition
- Direct recording to the internal hard drive
- Low power consumption
- Smart phones access supported (Symbian, Windows Mobile, iPhone, Blackberry)
- Fast reboot time (3 minutes) and recovery time (6~8 minutes)
- Multiple (16) languages supported

### GV-NVR System Lite's Internal Hard Drive



500 GB

### Smart phones access supported



Symbian  
(GV-SSView V3)



Windows Mobile  
(GV-GView V2,  
GV-MSView V2,  
GV-MSView V3)



Blackberry  
(GV-BBView)



iPhone  
(GV-iView)



3G  
(3GPP)

## Specifications

| System                         |                                                                                                                                                                                                                                                                                              |                       |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| CPU                            | Intel Processor                                                                                                                                                                                                                                                                              |                       |
| RAM                            | 1 GB                                                                                                                                                                                                                                                                                         |                       |
| OS                             | Microsoft Windows XP Embedded                                                                                                                                                                                                                                                                |                       |
| DirectX                        | Output: 40W, 19V, 2.1A<br>Input: 100~240V, 50~60Hz                                                                                                                                                                                                                                           |                       |
| Power                          | IP 66                                                                                                                                                                                                                                                                                        |                       |
| Video                          |                                                                                                                                                                                                                                                                                              |                       |
| Video Input                    | 4 channels                                                                                                                                                                                                                                                                                   |                       |
| Compression                    | MJPEG / MPEG4 (ASP) / H.264                                                                                                                                                                                                                                                                  |                       |
| Live Resolution                | 320 x 240                                                                                                                                                                                                                                                                                    |                       |
| Recording Resolution           | 1280 x 1024 / 640 x 480 / 320 x 240                                                                                                                                                                                                                                                          |                       |
| Recording Frame Rate           | 1.3M                                                                                                                                                                                                                                                                                         | 15 fps per channel    |
|                                | VGA                                                                                                                                                                                                                                                                                          | 30 fps per channel    |
| Recording Mode                 | Round the Clock / Motion Detection / Sensor Detection / Pre & Post Recording / Schedule Recording                                                                                                                                                                                            |                       |
| Instant Playback               | 10 sec. / 30 sec. / 1 min. / 5 min.                                                                                                                                                                                                                                                          |                       |
| Pre Recording                  | 1 ~ 90 sec. (1 fps)                                                                                                                                                                                                                                                                          |                       |
| Water Marking                  | Support                                                                                                                                                                                                                                                                                      |                       |
| Audio                          |                                                                                                                                                                                                                                                                                              |                       |
| Audio Input                    | 4 channels                                                                                                                                                                                                                                                                                   |                       |
| Compression                    | G.711                                                                                                                                                                                                                                                                                        |                       |
| Connector                      |                                                                                                                                                                                                                                                                                              |                       |
| Ethernet                       | RJ-45, 10 / 100 / 1000 Mbps                                                                                                                                                                                                                                                                  |                       |
| DVI Output                     | DVI-D Output                                                                                                                                                                                                                                                                                 |                       |
| USB 2.0                        | Right Side                                                                                                                                                                                                                                                                                   | 2 ports               |
|                                | Left Side                                                                                                                                                                                                                                                                                    | 4 ports               |
| Searching and Playback         |                                                                                                                                                                                                                                                                                              |                       |
| Search Method                  | Date / Time                                                                                                                                                                                                                                                                                  |                       |
| Date / Time / Event Search     | Selectable on the tree list and calendar                                                                                                                                                                                                                                                     |                       |
| Log Search                     | Through the log data to find the video event / time                                                                                                                                                                                                                                          |                       |
| Backup Type                    | DVD+R (DL) / DVD-R (DL) / DVD+R / DVD+RW / DVD-R / DVD-RW / CD-R / CD-RW<br>(For backup function, you need to connect an external USB DVD/CD burner.)                                                                                                                                        |                       |
| Remote Client Software         |                                                                                                                                                                                                                                                                                              |                       |
| Monitoring Environment         | WebCam / Twin Server / CenterV2 / VSM / Control Center / Remote Playback Server / Remote View / IP Multicast / GView V2 for PDA / MSView V2 for Windows Mobile 5.0 / MSView V3 for Windows Mobile 6.0 / SSView V3 for Nokia S60 2nd and 3rd / BBView for BlackBerry Mobile / 3G Mobile Phone |                       |
| WebCam Live View               | Max. 4 channels transmission                                                                                                                                                                                                                                                                 |                       |
| Remote Search                  | WebCam’s Remote Playback / Remote Playback Server                                                                                                                                                                                                                                            |                       |
| System Monitoring and Recovery |                                                                                                                                                                                                                                                                                              |                       |
| Power Restoration              | Power restored after AC power loss                                                                                                                                                                                                                                                           |                       |
| Monitoring                     | Software Watchdog                                                                                                                                                                                                                                                                            |                       |
| Recovery                       | Automatic system rebuild from Recovery DVD or internal hard disk.                                                                                                                                                                                                                            |                       |
| Sensor and Alarm               |                                                                                                                                                                                                                                                                                              |                       |
| Sensor and Alarm               | GV-IO Box 16 ports (Optional)                                                                                                                                                                                                                                                                | 16 inputs, 16 outputs |
|                                | GV-IO Box 8 ports (Optional)                                                                                                                                                                                                                                                                 | 8 inputs, 8 outputs   |
|                                | GV-IO Box 4 ports (Optional)                                                                                                                                                                                                                                                                 | 4 inputs, 4 outputs   |
| Motion Detection               | 4 channels                                                                                                                                                                                                                                                                                   |                       |
| Networking                     |                                                                                                                                                                                                                                                                                              |                       |
| Type                           | TCP/ IP, LAN, WAN, Internet, ISDN                                                                                                                                                                                                                                                            |                       |
| Environment                    |                                                                                                                                                                                                                                                                                              |                       |
| Operating Temp                 | 0 °C ~ 35 °C / 32 °F ~ 95 °F                                                                                                                                                                                                                                                                 |                       |
| Humidity                       | 0% ~ 80% RH (non-condensing)                                                                                                                                                                                                                                                                 |                       |
| Physical                       |                                                                                                                                                                                                                                                                                              |                       |
| Color                          | Champagne gold                                                                                                                                                                                                                                                                               |                       |
| Dimensions (W x H x D)         | 153.5 x 20 x 172.5 mm / 6.04 x 0.79 x 6.79 in                                                                                                                                                                                                                                                |                       |
| Weight                         | 650 g / 1.44 lbs                                                                                                                                                                                                                                                                             |                       |
| Language                       |                                                                                                                                                                                                                                                                                              |                       |
| Type                           | English / Czech / Danish / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese (Brazil) / Russian / Serbian / Spanish / Simplified Chinese / Traditional Chinese                                                                                                 |                       |

**Note:** Product design and specifications are subject to change without notice.

## Packaging

- GV-NVR System Lite x 1
- GV-IPCAM H.264 x 4 (The shipping models of the GV-IPCAM H.264 are by the orders.)
- GV-USB Dongle x 1
- AC Power Cord x 1
- Power Adapter x 1
- Base Stand Kit (1 Base Stand Screw included) x 1
- VESA Monitor Mount Kit (1 Stand Screw and 4 Fix Screws included) x 1
- GV-NVR System Lite Quick Start Guide x 1
- Surveillance System Software DVD x 1

**Note:** The bundled software (no matter pre-installed in the GV-NVR System Lite or included in the Software DVD) is a lite version, specially designed for the GV-NVR System Lite to implement the GV-IPCAM H.264:

1. It includes a lite version of video analysis applications, featuring Advanced Motion Detection, Privacy Mask and Scene Change Detection only.
2. The ViewLog player only supports Single View playback. For Quad View or Multi View playback, you need to additionally install Remote ViewLog from the Software DVD.

## GV-NVR System Lite Overview



### Mounting Type

