

## GV-NVR System Lite



The diagram illustrates the 'All-in-One Solution' for the GV-NVR System Lite. It features a central image of the NVR unit, which is a slim, vertical device with a monitor on the back. To the left of the unit are four blue buttons stacked vertically: 'Live View', 'Recording', 'Playback', and 'Backup'. To the right are five blue buttons stacked vertically: 'Live View', 'Recording', 'Playback', 'CMS', and 'Smart Phone'. A cloud icon labeled 'Ethernet' is connected to the unit, indicating network connectivity.

### 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

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

You can select one combination from the following five options:

1. GV-NVR System Lite + GV-BX110D (Fixed Lens) x 2 + GV-MFD110 x 2
2. GV-NVR System Lite + GV-BX110D (Varifocal Lens) x 2 + GV-MFD110 x 2
3. GV-NVR System Lite + GV-BX110D (Fixed Lens) x 4
4. GV-NVR System Lite + GV-BX110D (Varifocal Lens) x 4
5. GV-NVR System Lite + GV-MFD110 x 4

## 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 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 (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

