



Up to 32 channels

# Video Management Software

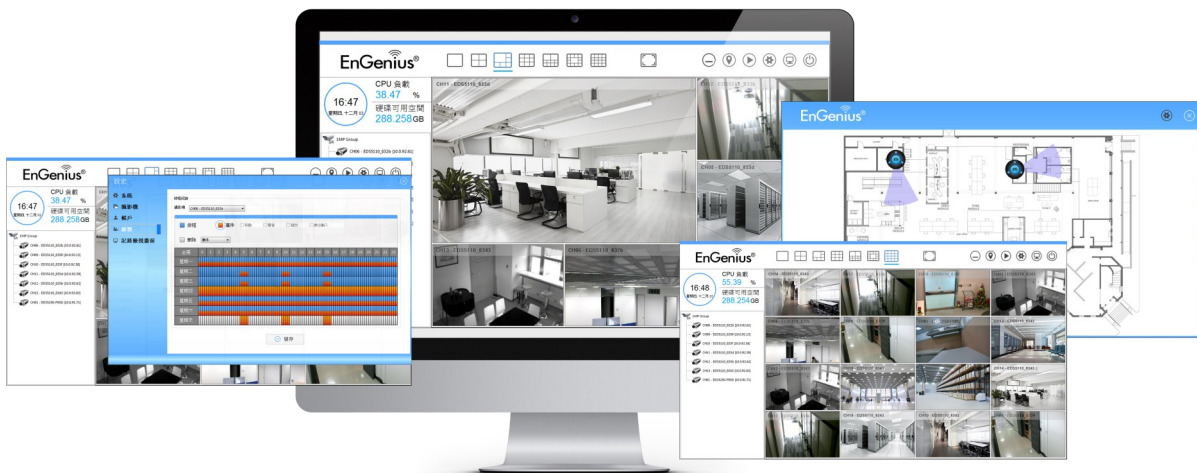
**View, record and monitor live video from up to 32 cameras with the included easy-to-use video management software. Streamline camera setup and configuration, import building floor plans to create location maps, and easily monitor the entire network locally.**

EnGenius VMS is the free video management software, featuring reliable recording and easy system management for diverse IP surveillance applications. It has four major components which are camera Recording, Live Viewing, Playback and System Management.

EnGenius VMS is able to record network video streams up to 32 channels, and offers digital monitoring and recording of video, audio, and events for use in various security applications. Furthermore, this easy to use surveillance software provides users with a wide array of features, including Multi-channel playback, high resolution monitoring and live view. It provides you with reliable video surveillance unit.

## Features

- > 1080P full HD 16 channels support
- > 720P HD 32 channels support
- > H.264 and MJPEG codec support
- > 30 FPS maximum recording per camera
- > Time search for quick and accurate search of video footages
- > Alarm status for easy and instant response whenever an event occurs
- > Support for resolution from CIF to megapixels
- > E-Map Monitor on multi screen
- > Playback Search Pre-View
- > Adjustable all camera detail settings for each camera



## Easily Monitor & Manage Multiple Cameras

- |                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| > Manages up to 32 Channels | > Playback up to 4 Channels | > E-Map Monitor                 |
| > Dual Codec Support        | > Group Management          | > Multi - Event Recording       |
| > Multi - Screen Support    | > Playback Search Pre-View  | > Auto Search Camera            |
| > Video Export              | > User Account Management   | > Software Auto Upgrade Support |

## Technical Specifications Video Management Software

### General

#### Camera Support:

Supports up to 32 cameras  
Megapixel network camera support

#### Video Comprehension

MPEG-4/H.264 compression format

#### Software Features

OSD (On-screen Display) setting  
Live Monitoring  
30 FPS maximum recording per camera (subject to camera and video server capacity)  
Automatic discovery of network cameras  
Time search for quick and accurate search of video footages  
Alarm status for easy and instant response whenever an event occurs  
Support for resolution from CIF to megapixels  
E-Map Monitor on multi screen  
Playback Search Pre-View  
Adjustable all camera detail settings for each camera

#### System User Management

User validation  
User password restriction  
Access privilege control

#### Support OS

Windows 7, 10

### Live View

#### Maximum Channel

32 Channels

#### Layout

Multi layout display: 1x 1, 2x2, 1+ 5, 3x3, 2+8, 1+10, 4x4, 3+24, 1+ 32  
Full screen display  
Stream selection  
Drag & Drop  
OSD display

#### System Information

Current date time display  
CPU loading  
HDD free space  
Camera group  
Camera list

### Recording

#### Recording Type

Schedule/ Motion Detection/ Audio Detection/ Tampering Detection

#### Resolution

160 x 96, 320 x 180, 640 x 360, 1280 x 720, 1920 x 1080

#### Frame Per Second

1 ~ 30 FPS

#### Recording Folder Setting

Maximum folder size  
Overwriting scheme

### Playback

#### Maximum Channel

4 channels

#### Layout

1 x 1, 2 x 2

### Control

Play, Rewind, Pause, Stop, Next, 1, 1/2, 1/4, 1/8X Speed Control  
Thumbnail browse to quickly view  
Timeline Search

### Search

Day and time

### Audio

Mute enable/ disable

### Snapshot

Capture the image without video stop

### Video Export

Exporting video recording within a specified time range  
Support daylight saving time  
Support format: MP4/ AVI

### Event Log

#### Log View

System/ User/ Recording

### eMap

#### Source

Upload picture

#### Marked

Add, remove, move  
View angle direction  
Live view  
Hyper link to camera GUI

### Backup

#### Backup And Restore

Backup current settings to a file  
Restore save settings from a file

### Upgrade

#### VMS Upgrade

Support auto upgrade

#### Camera Upgrade

Support camera auto upgrade

## Minimum System Requirements

Before installing the EnGenius Video Management Software, please make sure your system meets the following recommended minimum system requirements.

| Server Hardware Minimum Requirements (recommended) |   |   |   |
|--|---|---|---|
| Operating System                                   | Windows 7 (32/64 bit), Windows 10(32/64 bit)            |   |   |
| Recording Channels                                 | 2MP x 4ch / 1MP x 8ch                                   | 2MP x 8ch / 1MP x 16ch                                  | 2MP x 16ch / 1MP x 32ch                                 |
| CPU  | 3rd Generation Intel® Core™ i3 Processors 3.0 GHz above | 3rd Generation Intel® Core™ i5 Processors 3.0 GHz above | 3rd Generation Intel® Core™ i7 Processors 3.0 GHz above |
| RAM  | 4 GB or above   | 4 GB or above   | 8 GB or above   |
| Network Interface Card                             | Ethernet, 1000 BASE-T recommended                       |   |   |
| Hard Disk Type                                     | SATA, SCSI, SAS (7200 rpm or faster) in NTFS format     |   |   |
| Hard Disk Space                                    | 1 TB*   |   |   |

\* The recording files size depends on the number of camera channels, camera settings and recording time. The VMS video raw data will overwrite when Hard Disk Free Space less than 20 %( user definition), default path is Disk C, and we recommend to change to another Disk path to keep HDD usage.

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