Video Analysis

GUI Recording Schedule

NVR Series

NVR Surveillance Management Software

The EverFocus NVR series can simultaneously manage up to 64 channels from IP cameras and process up to 30 high quality frames per second per stream. This NVR can be used as a stand-alone system or in a client/server configuration, providing flexibility from small to large scale operations. The NVR series also support a wide-variety of 3rd party cameras.

EverFocus®

NVR Series

NVR Surveillance Management Software

| 3GPP Devices | Web Live View/Remote | Remote Control | Instant Event Response | PTZ Control | Open Architecture |

Advantages:

The EverFocus NVR Surveillance Management Software delivers a rich, powerful suite of features and functions. It can centrally manage, display and record up to 64 cameras simultaneously, while providing remote viewing and playback services to multiple remote clients. The local operator can employ as many as 3 high resolution displays for live and recorded video. Other features include intelligent search, multiple types of event definitions, instant event response, PTZ remote operation, an intuitive GUI based recording control interface, video enhancement tools, multiple I/O support, remote backup and more.

Video Analysis
6 event detections-
General Motion
Missing Object
Foreign Object
Lose Focus
Camera Occlusion
Signal Lost

Instant Event Response
6 instant event responses-
On Monitor / Sound / E-mail / Signal / PTZ Activate / 3GPP

GUI Recording Schedule

Triple Monitor Display

Multifunctional Playback System with Intelligent Search

Counting Application
X 1
X 1

I/O Devices Integration

Video Enhancement Tool

Features:

- Support EverFocus NeVio series IP cameras, megapixel cameras, 3rd party video encoders/IP cameras and more
- Accepts MPEG4/MJPEG/H.264 video formats
- Remote PTZ operation and supports PTZ reaction presets
- Multiple monitor display with up to 64 cameras in Live View and up to 16 cameras in Playback View
- Local view with 1 or (optional) 2 monitors for Live View plus (optional) 1 monitor dedicated for simultaneous Playback View
- Remote Live View with 1 or (optional) 2 monitors (or 1 monitor for Playback View only)
- Smart detection of many types of camera, input, POS and system events, with 10 potential instant alarm responses (example, email alert and E-map popup)
- Complete I/O device integration
- Intelligent playback system with 5 video analytic searches
- Remote client live viewer, playback, backup, I/O control and remote desktop operation
- Joystick support on PTZ cameras and software enabled digital PTZ function are both available. Preset points and patrol functions are also available on many camera models
- User friendly graphical user interface (GUI) with camera drag and drop for setup and recording, familiar to all users with basic PC knowledge
- Audio and video recording synchronization
- Watermark capability
- Resource Management tool can monitor system resources and trigger instant alarm notifications
- DDNS functionality
- 3GPP/PDA/Mobile Handy Viewer support
- Remote I/O control
- Video enhancement tools to fine tune the image's visibility, sharpness, brightness, contrast or even grey scale
- Export to AVI or ASF file format
- Take a snapshot of the recording in BMP or JPEG format to print or file
- Back up video images to USB drives, CD/DVD or hard disk drives
- Schedule recording can be set by day, week or repeating interval
- Intelligent Search recognizes 5 different special events (general motion, missing object, foreign object, camera occlusion and signal lost) in recorded files, in addition to searches by date, time and log file
- Counting application with direction for certain objects or areas
- Bit rate display for overall usage and per camera stream helps manage bandwidth utilization
- Unusual events are recorded to the system log, and counting application results can be exported to an Excel or text file for analysis

Specifications:

IP Camera Inputs*	Up to 64 (depending on licenses purchased)
	*Models vary. Contact EverFocus for exact list of supported models
IP Cameras Supported	EverFocus NeVio and other IP cameras in addition to 3rd party video encoders and IP cameras.
Digital PTZ	Supported in live view and playback
Multiple View	Zoom function preserves live view by duplicating the same video feed onto multiple channels in different areas
Triple Monitor	Up to 64 live camera views each on two monitors in addition to displaying playback video on a separate monitor
Audio Recording	Synchronized with video on each channel
Screen Layout	Single, 6,10, &13 plus NxN up to 64 cameras (16 on playback)
Compression Format	H.264/MPEG4/M-JPEG supported
Recording Type	Continuous, digital input trigger, on motion detection, on event manual and per schedule
Playback Channels	Up to 16 channels max. displayed
Playback Control	Forward/reverse step and play fast (to 16x) and slow (to 1/16x)
Auto Overwrite	Oldest recordings recycled when disk is full
Additional I/O functions	Optional expansion module
POS Input	Optional POS interface serial data to Ethernet
Hardware Watchdog	N/A
Supported Language	Chinese (Simplified & Traditional), Czech, Danish, English, Farsi, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Portuguese (Brazil), Portuguese (Portugal), Russian, Slovak, Spanish

Ordering Information:

- NVR08SGR : 8 Ch. NVR Software License
- NVR16SGR : 16 Ch. NVR Software License
- NVR32SGR : 32 Ch. NVR Software License

System Requirement:

Total FPS at CIF	1200~600	600~480	480~240	240~120	120~
CPU	Intel Core 2 Quad Q6600	Intel Core 2 Duo E6400	Intel Pentium D 930	Intel P4 2.8 GHz	Intel P4 2.8 GHz
RAM	2 GB	1 GB	1 GB	512 MB	512 MB
Mother- board	Intel 945, 965 chip or above, Intel Chipset and ASUS Vendor recommended				
Display	ATi Radeon 9200 , nVIDIA GeForce FX-5200 , Intel 945G / 965G or above (ATi recommended)				
Ethernet	100 baseT or above, Gigabit LAN recommended				
Hard Disk	80 GB or above				
OS	MS Windows 2000 / XP pro sp2 / 2003				

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