



# eyesoft

surveillance software

easy, reliable, flexible

## NETWORK SURVEILLANCE MANAGEMENT / NVR SOFTWARE

Advanced IP camera & network surveillance management software with easy to use interface and quick start setup to help you build and manage scaleable IP camera surveillance systems.

### OVERVIEW

EyeSoft is a network video surveillance software platform designed for small to large scale IP video surveillance systems with powerful features.

EyeSoft is designed to allow easy deployment by the installer and simple operation by the end user.

Build stable and reliable network IP video recording systems with innovative features to suit standard users to business and industrial applications consisting of 1000's of cameras.

EyeSoft is a complete surveillance system in a single package with no confusing per camera licensing or multi stage software versions allowing the user to focus on building a robust CCTV system that delivers results with Free Updates & Online Support!

### MAIN FEATURES

4 / 8 / 16 / 32 / 64 ch Versions  
Stack Servers for 1000's cameras  
Support 400+ IP Camera Models  
JPEG / MJPEG / MPEG4 / H.264  
Hybrid Analogue Card Support  
Multi Screen & Instant Playback  
Calendar / Timeline / Tag Search  
Matrix Supports 8+ Monitors  
Connect to Multiple Remote Sites  
Remote Live & Playback Access  
Support to 2 MegaPixel @ 60fps  
POS Transaction / Object Counter \*  
Intelligent Video Analytics \*  
Smoke & Fire Detection \*

### TECHNOLOGY

VC-1 (Blu-Ray) Codec  
Open Source, SDK Available  
Analytics Offload Engine  
Nvidia Cuda GPU Acceleration \*  
Win XP / Vista / 7 / 2008 / 32bit & 64bit

### TAKE A TESTDRIVE

DOWNLOAD A FREE TRIAL FROM [WWW.BIKAL.CO.UK](http://WWW.BIKAL.CO.UK)



H.264  
MPEG4



RETAIL  
CASINO  
FINANCE  
RESIDENTIAL  
EDUCATION  
PUBLIC SECTOR  
TRANSPORT  
OIL & LOGISTICS  
HEALTH & CARE  
PORTS & AIRPORTS  
HOMELAND SECURITY

*Available pre-installed & configured on storage and client side NVR's*



**eyesoft**  
surveillance software

powerful features

## NVR SOFTWARE | IP CAMERA SOFTWARE

All the features you ever needed from a practical and easy to use IP surveillance system yet flexible and robust to meet the challenging demands of today's security and surveillance requirements.

### LIVE VIEW

- View up to 64 channels per screen
- 1/4/9/13/16/32/64 split screen views
- Group cameras, nvr's & remote sites
- Channel & group sequence
- Drag & drop or Zoom on cameras
- Virtual Matrix up to 8+ Monitors

### PLAYBACK

- Single & multi channel playback
- Simultaneous live view & playback
- Instant playback system
- Add instant tags
- Channel and group sequence
- Click & Zoom on video

### SEARCH & BACKUP

- Search single or multi cameras
- Search by calendar and timeline
- Search by auto event or manual tags
- Easily export video & images
- Batch export multi channel video
- Windows compatible backup file

### RECORDING

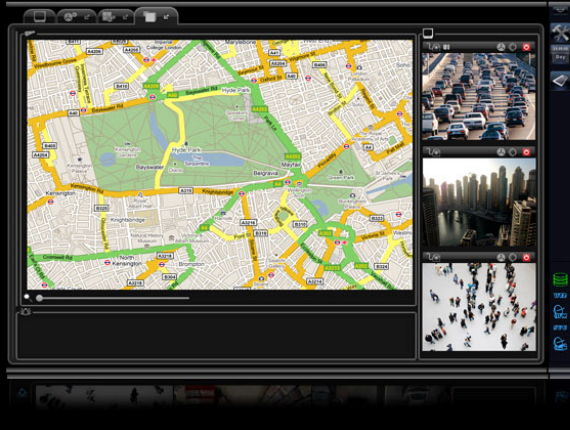
- Blu-Ray format VC-1 codec
- JPEG/MJPEG/MPEG4/H.264
- Record up to 1920x1080p @ 60fps
- Set number of days to record
- Record to local, remote & NAS
- Motion Detection & Schedule

### RECORDING FEATURES

- OSD timestamp & de-interlace filter
- Privacy mask & tag overlay filter
- Dual audio & video per camera
- Customise recording bitrate
- Manual or batch record button
- Auto storage overwrite

### REMOTE ACCESS

- Simple remote access via IE
- Broadcast video via Windows Media
- Embed video in web pages
- Connect to multiple remote sites
- Receive alarms from remote sites
- Remote search, playback, live view



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surveillance software

advanced features

## ADVANCED CCTV SOFTWARE

Advanced features of EyeSoft allow system integrators to build distributed systems with flexible management features for top level surveillance operations and complete security systems.

### MANAGEMENT FEATURES

- Customisable E-Map with spot screen
- Full size spot screen with PTZ
- PTZ controls for each camera
- Manage local & remote sites
- Save & retrieve all settings
- Virtual on-screen keyboard

### MANAGEMENT FEATURES

- Easy to use interface
- Multi monitor support, 8+
- System Log & fault display
- Multi level user password security
- Reset / recover application settings
- Unattended operation

### ALARM & RESPONSE

- Motion detection
- Video alarm pop-up on event
- Customisable event presenter
- Apply custom tags to events
- Push alarm / event to remote sites
- Interface with 3<sup>rd</sup> party alarm systems

### HYBRID COMPATIBILITY

- Supports 50+ IP camera manufacturers
- Supports analogue video cards\*
- USB cams and USB video devices
- Support Pelco PTZ Keyboard
- Support RS-232 / serial alarm box
- Support JABSCO / DCTRLS protocols

### CAMERA COMPATIBILITY

4XEM, Acti, Axis, Airlink, A-Linking, Avermedia, Aviosys, AVTECH, Arecont, BiKal, Canon, Creative Live, DaHua, D-Link, Eltis, Flexwatch, Gadspot, Grandtec, Hawking, HikVision, Hunt, Intellinet, IPS, IQeye, I-Watcher, JVC, Kingwave, Lenovo, LevelOne, Levo, Lindy, Linksys, Messoa, Mobi, Mobotix, Orite, Osbridge, Panasonic, Pelco, Pixord, Planet, RF Link, Samsung, Soho, Sony, Sparklan, Stardot, Swann, Sweex, Toshiba, Trendnet, Trust, VCenter, Vivotek, Xannet, Y-Cam, YouDi & more.

### OTHER COMPATIBILITY

- Most JPEG / MJPEG cameras
- BiKal video capture cards
- Direct Show compliant capture cards
- USB webcams and USB video devices
- RS-232 alarm box (JABSCO, DCTRLS)
- Pelco-D PTZ Keyboard
- Internet video streams (WMV, ASF, MPEG)
- Nvidia Cuda for Analytics acceleration
- Integrate with 3<sup>rd</sup> party hardware and software systems via SDK on request.



### DISTRIBUTED SURVEILLANCE MANAGEMENT SOFTWARE

All the features you ever needed from a practical and easy to use IP surveillance system yet flexible and robust to meet the challenging demands of today's security and surveillance requirements.

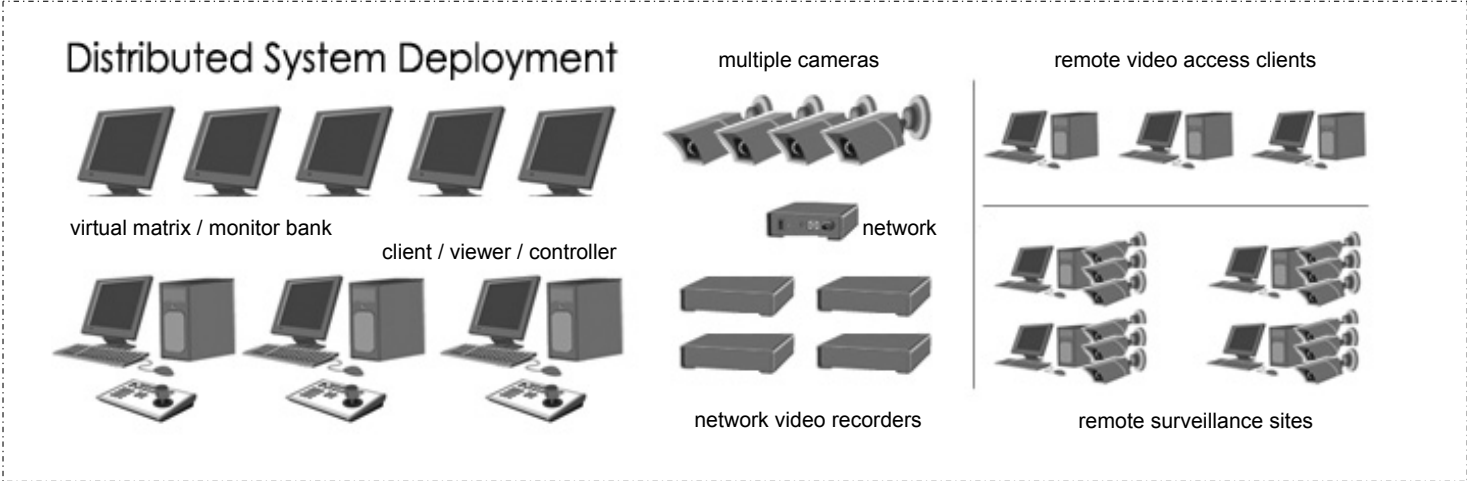
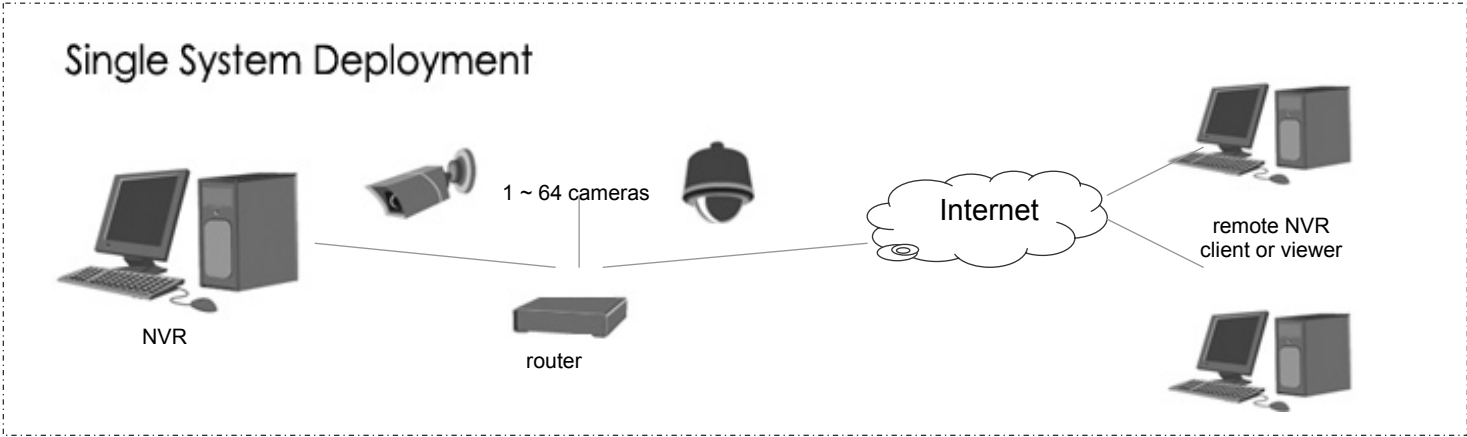
#### DISTRIBUTED DEPLOYMENT

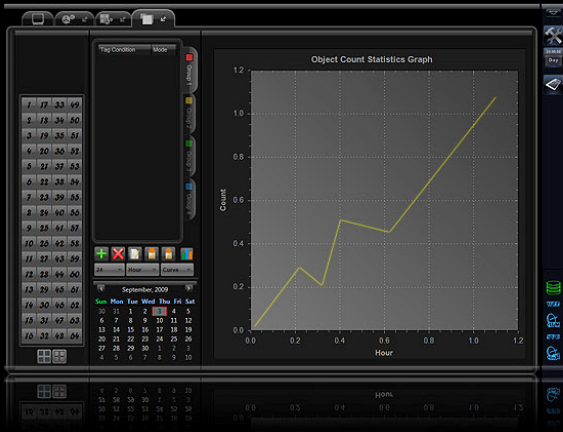
- Multi-site installation, import settings
- Auto configuration of hardware video
- Build multi recorder, multi-site systems
- Add 1000's cameras, multi NVR's
- User level multi client software
- Net Connect* service (connect to other NVR)

#### FLEXIBLE BANDWIDTH

Complete bandwidth controls, configure Recording, Storage, Broadcast settings

Build single & distributed surveillance systems located in multiple sites. Scalable to accommodate 1000's of cameras & devices.





### INTELLIGENT VIDEO ANALYTICS - IVS

Bolt on intelligent video analytics application for enhanced video & data management featuring specialised event detection functions, human tracking to smoke & fire detection systems

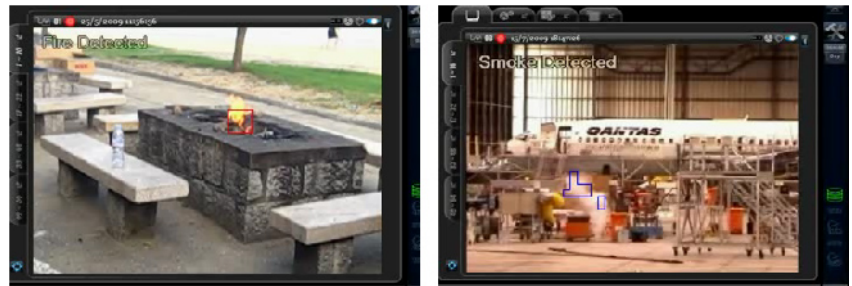
#### Video Analytics

Customisable parameters or pre-set motion detection, flow control, perimeter defence, object detection, loitering detection, congregating crowds, illegal parking, traffic management, human tracking & object counting with 4x count graph. **Up to x15 increased performance with CPU offload to Nvidia Cuda GPU**



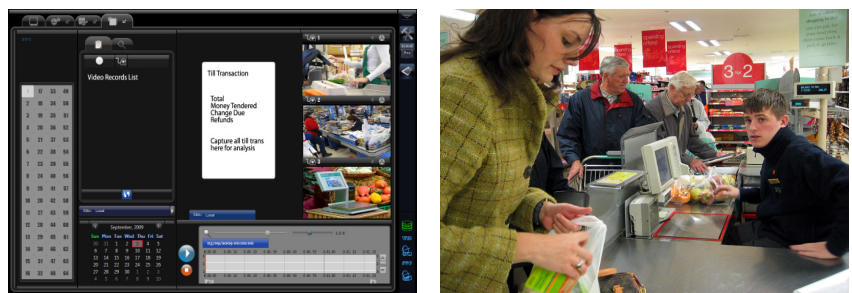
#### Smoke & Fire Detection

Fire & Smoke Detection modules allow the video system to detect fire and smoke alerting controllers or sending remote messages to alarm receivers. Particularly useful in large or open areas where it is impractical to deploy standard fire detection equipment.



#### Point of Sale (POS)

View and playback till transactions with sale details overlaid on the video for detection of fraud. Search transactions and set automatic detection of suspicious transactions, refunds, operational errors & more. Receive, view & manage multiple stores from multiple locations.



# Feature Comparison – EyeSoft v2.3



	ES (P)	ES 4/8/13/32/64	ES Client	ES (A) Client
<b>Support Channels</b>	8/16/32/64	4/8/16/32/64	16	16
<b>DirectShow compliant video/audio capture device</b>	√	√		
<b>IP Camera</b>	√	√		
<b>Mpeg4/H.264 IP cameras/DVS/ compression card</b>	√	√		
<b>Support dual stream (attach video)</b>	√	√		
<b>Capture from Windows Media stream &amp; local media file</b>	√	√		
<b>Net Service and SDK</b>	√	√		
<b>CyeWeb interconnection with site book</b>	√	√	√	√
<b>Forward Event over IP</b>	√	√		
<b>Receive Event over IP</b>	√	√	√	√
<b>Audio Capture</b>	√	√		
<b>Motion Detection</b>	√	√		
<b>Basic Event Presenter</b>	√	√	√	√
<b>Advanced Video Content Analysis Presenter</b>	√	√		√
<b>Transact (Pos)</b>	√			
<b>POS Text Overlay</b>	√			√
<b>e-Map</b>	√	√		
<b>IP Camera/DVS DIO (Digital I/O) and RS232 Alarm Box</b>	√	√		
<b>Tagging system</b>	√	√		
<b>Tag Overlay Filter</b>	√	√	√	√
<b>Video streaming server</b>	√	√		
<b>Http Web Server</b>	√	√		
<b>Windows Media Broadcast</b>	√	√		
<b>E-Mail Notification</b>	√	√		
<b>Video searching and playback</b>	√	√	√	√
<b>Timeline playback</b>	√	√	√	√
<b>Instant Playback</b>	√	√		√
<b>Playback over IP (remote playback)</b>	√	√	√	√
<b>Record and/or broadcast video on events</b>	√	√		
<b>Export video to ASF format</b>	√	√		
<b>Save video to ASF or database file</b>	√	√		
<b>Status Message Viewer</b>	√	√	√	√
<b>Storage Recycle</b>	√	√		
<b>PTZ/Presets</b>	√	√	√	√
<b>Event Trigger Preset Module</b>	√	√		
<b>Preset Sequences</b>	√	√	√	√
<b>Digital Zoom (Preview&amp;Playback)</b>	√	√	√	√
<b>De-interlace filter</b>	√	√		
<b>Timestamp OSD</b>	√	√		
<b>Region Masking</b>	√	√		
<b>User Account Management</b>	√	√	√	√
<b>Import and export settings</b>	√	√	√	√
<b>Scheduler</b>	√	√		
<b>Spot Screen</b>	√	√		
<b>Channel Sequence</b>	√	√		
<b>Video Popup on events</b>	√	√		
<b>External PTZ Keyboard</b>	√	√		
<b>Screen Division Template</b>	√	√	√	√
<b>Multi-monitors</b>	√	√	√	√
<b>Optional Extension Modules</b>	√	√		

## Hardware Requirements (minimum)

4ch / Internet Viewer  
Pentium / Atom, 1.8GHz, 1GB RAM

8ch / Internet Viewer  
Dual Core, 2.3GHz, 2GB RAM, 128MB Video

16ch / Client machine  
Core2 Duo / Quad Core, 2.8GHz, 3GB RAM,  
256MB Video

32ch / Client Machine  
Quad Xeon / Dual Processor, 3.0GHz, 4GB  
RAM, 512MB Video

64ch+  
Quad Xeon / Quad Processor, 2.5GHz, 6GB  
RAM, 1GB Video, (64bit recommended)

## Software Models (P) = add for POS)

ES4 (P) - 4ch

ES8 (P) - 8ch

ES16 (P) - 16ch

ES32 (P) - 32ch

ES64 (P) - 64ch

ESCL (A) - 10 Pack Client License

ESVA - Video Analytics Module

ESSM – Smoke & Fire Module

ESVP – EyeSoft Video Player (free download)

ESCP – H.264 / JPEG Codec Pack (free download)

\* Video analytics + smoke & fire detection modules are purchased separately. Request POS at time of order.

## Software Requirements

### NVR / Client PC

XP (SP2+) / Vista / 7 / Server 2008

32bit and 64bit compatible

.Net 3.0 higher

DirectX 9.0c

### Remote Viewer

XP (SP2+) / Vista / 7 / Server 2000/2003/2008

IE Explorer 6+ / java 5.0+

Windows Media Player 11 (optional)



**Windows 7**  
& 2008 compatible

## Support

JPEG / MJPEG / MPEG / MPEG4 / H.264

WMV / ASF / AVI / IPTV / Windows Media

Record Blu-Ray Format VC-1 (all profiles)

Direct Show, BT8x8 Video Capture Cards

USB Webcams & Video Devices

Multi Quad Graphics Cards (3)

Pelco D PTZ Keyboard

RS232 Alarm Box (JABSCO DCTRLS)

Nvidia Cuda Graphics Cards (cpu offloading)

Distributed By:

## EyeSoft NVR Software | IP CCTV Software

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