



## IP Camera Software | NVR Software | Video Management

NVR+ CCTV software records analogue and network IP cameras allowing you to build simple or large volume surveillance systems that is highly resilient, easy to use and low cost.

### OVERVIEW

**NVR+ CCTV software** is designed for small to large scale surveillance systems offering ease of use and a high degree of reliability.

NVR+ has a hybrid architecture allowing the connection of analogue and network devices and is compatible with a range of branded devices.

Build stable and reliable network video recording systems with innovative features to help you manage live and recorded video. Build standalone, distributed or unattended surveillance systems.

NVR+ is a complete surveillance system with local / remote viewing & recording, alarm reporting, video backup & mobile video with innovative features from face detection to intelligent search. Compatible with: Win XP / Vista / 7/ 2008 / 32bit & 64bit

### MAIN FEATURES

- 4 / 8 / 16 / 32 / 64 ch or per Channel
- Free 128ch Client viewer / recorder
- Standalone or Distributed Architecture
- Scalable to 1000's cameras
- Runs as a System** or with GUI
- Support Many IP Camera Models
- JPEG / MJPEG / MPEG4 / H.264 / Analogue
- Support Multi Monitors + Matrix Output
- Calendar / Timeline / Alarm Search
- Intelligent Search / Clip / Thumbnail
- Instant Playback in Same Screen
- Connect to Multiple Remote Sites
- Remote Live & Playback, DDNS
- Remote Access Via Browser or Client
- Mobile Streaming via RTSP
- Support up to 5 MegaPixel @ 60fps
- Popup, E-Mail, Event Alarms
- Motion Detection & E-Map
- Face Detection Monitor
- Advanced Disk Management

### TAKE A TESTDRIVE

DOWNLOAD A FREE TRIAL  
[WWW.BLACKWATCHCCTV.COM](http://WWW.BLACKWATCHCCTV.COM)

**H.264**  
**MPEG4**



**AXIS**  
 COMMUNICATIONS

**ahua**  
 TECHNOLOGY

**VIVOTEK**

**HIKVISION**

**Stretch**  
 Extending the Possibilities™

**Launch**

**blackwatch**

RETAIL  
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 PUBLIC SECTOR  
 TRANSPORT  
 OIL & LOGISTICS  
 HEALTH & CARE  
 PORTS & AIRPORTS  
 HOMELAND SECURITY



# NVR+

surveillance software

“the software is simple to use  
and has the right features for a round the clock cctv system”  
- Trevor, London

## NVR SOFTWARE | IP CAMERA SOFTWARE

NVR+ is designed to be ultra reliable by running all modules as a service resulting in a very fast user interface and reliable operation regardless if used in simple or complex installations.

### LIVE VIEW

- 1/4/9/13/16/32/64 split views
- View on 6+ monitors or matrix
- Group cameras, nvr's & remote sites
- Instant playback in live view
- Drag/drop, Zoom, Widescreen mode
- 128ch Client Viewer

### PLAYBACK

- Single or multi ch playback (max 32ch)
- Simultaneous live view & playback
- Instant playback, custom or set times
- Playback directly in live screen
- Calendar/Timeline or enter exact time
- Play, Pause, Step, Speed Bar, Audio

### SEARCH & BACKUP

- Search by thumbnails
- Intelligent search by region / motion
- Export to H.264 / AVI
- Batch export multi channel video
- Burn direct to CD/DVD
- Playback on local or web based app

### RECORDING

- Records in H.264 for long rec times
- Record up to 5 megapixel resolution
- Record in custom fps, resolution
- Record to local, remote & NAS
- Motion Detection, Event & Schedule
- Dual stream, audio support

### RECORDING FEATURES

- OSD timestamp & privacy mask
- Customise pre & post alarm times
- Customise rec bitrate, fps, resolution
- Advanced disk management
- Auto overwrite / limit by # of days
- Custom alarm recording

### REMOTE ACCESS

- Simple remote access via IE
- Multi camera live & playback view
- Software client for remote stations
- RTSP Server for mobile devices
- RTSP support multiple browsers
- Support DDNS for dynamic IP



simple yet intelligent features

## SYSTEM MANAGEMENT & SOFTWARE FEATURES

Advanced features include disk management, intelligent search, face detection, e-map to POS integration and distributed deployment options suitable for large or complex CCTV projects

### MANAGEMENT FEATURES

- Advanced disk /storage management
- Manage multiple sites & devices
- Custom view & record management
- Manage users, logs, alarms
- Auto lock, auto start, watchdog, PTZ
- Unattended operation, run as service

### INTELLIGENT FEATURES

- Built in motion detection engine
- Face detection engine
- e-map, 2 way audio
- POS integration
- Intelligent search
- Browser independent streaming

### ALARM & RESPONSE

- Motion detection, video loss
- Video pop-up, email,
- Fast alarm response, instant playback
- Apply custom tags to events
- Push alarm / event to remote sites
- Integrate with digital I/O

### HYBRID COMPATIBILITY

- Supports Multiple camera models
- Supports analogue video cards\*
- Support PTZ Keyboard
- Support RS-232 / serial I/O
- Support DDNS service

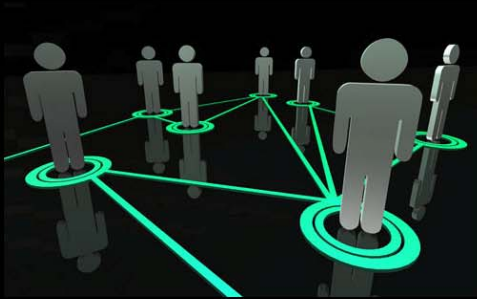
### CAMERA COMPATIBILITY

Axis, DaHua, BlackWatch, BiKal, Hikvision, Launch, Stretch, Hangbang, Vivotek.

Integration of custom camera models available.  
Please contact us with camera model & manufacturer.

### OTHER COMPATIBILITY

- Most JPEG / MJPEG cameras
- Generic MPEG4 / H.264 codec
- Hikvision, Stretch, BlackWatch Video Cards
- Hikvision, BlackWatch Video Matrix Card
- Direct Show compliant capture cards
- RS-232 alarm box
- Pelco-D PTZ Keyboard
- Integrate with 3<sup>rd</sup> party hardware and software systems via SDK on request.



simple yet intelligent features

## DISTRIBUTED SURVEILLANCE MANAGEMENT SOFTWARE

Build distributed surveillance systems and manage them from single or multiple locations. Use the CMS management to control multi site video and alarms and control bandwidth usage.

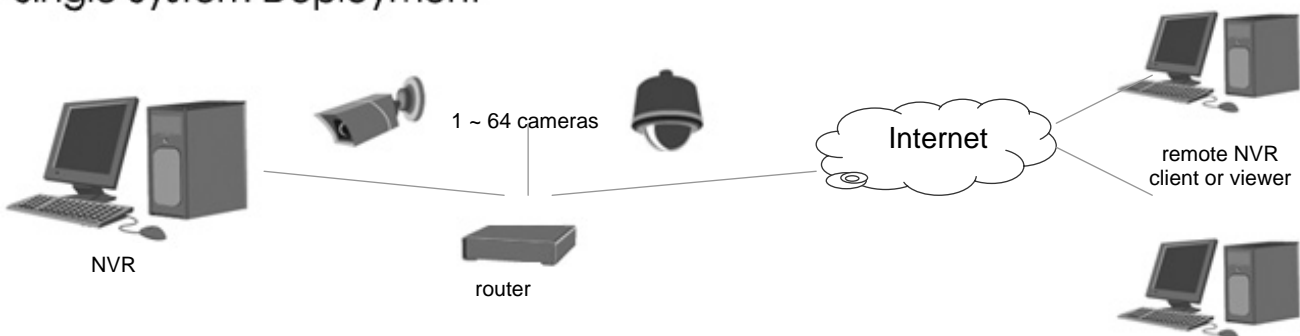
### DISTRIBUTED DEPLOYMENT

- Build multi site distributed cctv systems
- Add 1000's cameras, multiple NVR's
- Manage video, alarms, recording
- Multi level password protection
- Manage local & remote access
- Customise CMS layout, max 128ch

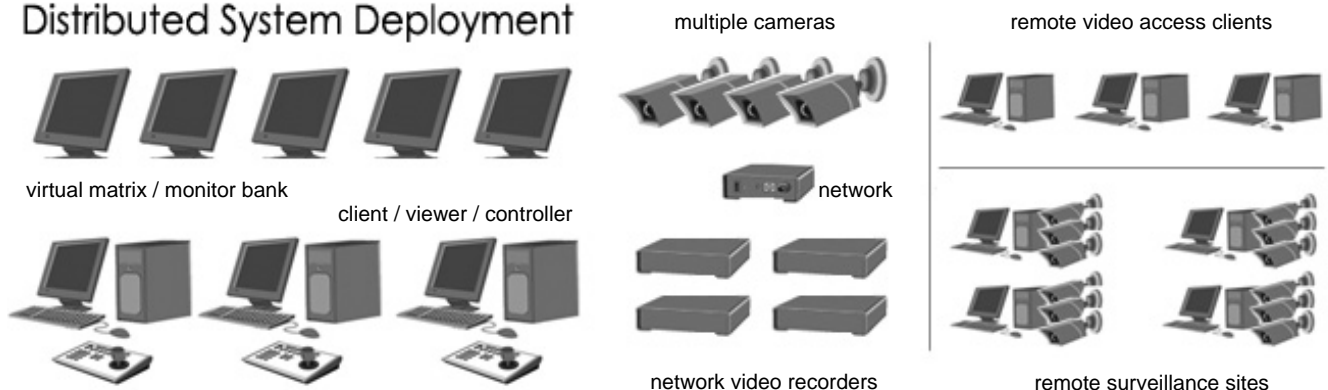
### BANDWIDTH MANAGEMENT

- Customise local & remote bandwidth
- Adjust streams for different clients
- Utilise dual video streams
- Customise output streams

### Single System Deployment



### Distributed System Deployment





## Hardware Requirements (minimum)

### 4ch NVR Software

Pentium 4, 2.0GHz, 1GB RAM, 64MB Video

### 8ch NVR Software

Dual Core, 2.3GHz, 2GB RAM, 512MB Video

### 16ch NVR Software / Client machine

Core2 Duo / Quad Core, 2.8GHz, 3GB RAM, 512MB Video

### 32ch NVR Software / Client Machine

Quad Xeon / Dual Processor, 3.0GHz, 4GB RAM, 1GB Video

### 64ch+ Software

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

## Software Models

### BW-NVR-SS - BlackWatch NVR+ Server

- Recording module
- Playback module
- Viewer
- Video Streamer \*
- Mobile Server \*

### BW-NVR-SSC – BlackWatch NVR+ Client

- 128ch Client Viewer
- File Player

## Licensing

### FREE Trial

Trial with limited functions

### USB Dongle

Easily move license from PC to PC

### S/N

Submit serial numbers of each camera for License File. Transfer from PC to PC

## 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 7**  
& 2008 compatible

## Support

JPEG / MJPEG / MPEG / MPEG4 / H.264

Direct Show, BT8x8 Video Capture Cards

Multi Quad Graphics Cards (3)

Pelco D PTZ Keyboard

RS232 Alarm Box

USB Joystick

Dialup Modem for SMS messaging

*Distributed By:*

BlackWatch IP CCTV  
[www.blackwatchcctv.com](http://www.blackwatchcctv.com)  
[www.ipcctvsystems.com](http://www.ipcctvsystems.com)