

Free Package 36 CH Bundled IP Camera Software

- Monitoring & Recording up 36 IP cameras or Camera servers



IP Software



- 36 Channels AP Recording Software



- I.E.

Key Features

- 36 Channel video recording software
- H.264/MPEG-4/MJPEG compression Format
- 3 different recording modes to fit your needs
- Video search by time
- Video export: AVI, JPEG
- Record video and audio
- Live Window PTZ control interface
- Live/Playback digital zoom control interface
- Dual Monitor
- E-map
- Audio broadcast
- Channel rotation
- Email with picture file
- Multi e-mail group list
- Pre/Post Alarm
- Attached channel function without costing network bandwidth
- Remote playback SD card
- Multiple remote site and user solution
- Remote web browser
- Remote lite program



- 4 Channel Playback



- Remote AP Software

Technical Specifications

| Number of Cameras | 36 Channels |
|--|--|
| Real-Time Monitoring Mode | 1, 4, 9, 16, 36 |
| Channel Swap | Yes |
| Channel Rotation | Yes |
| Full Screen Monitoring | Yes |
| Compression Format Support | H.264, MPEG-4, MJPEG |
| DVR Control Panel | Yes |
| PTZ Control | Yes |
| Digital Zoom Control | Yes |
| Dual Monitor | Yes |
| E-Map | Yes |
| Video Setting | |
| Video Recording Mode | Schedule, Motion, Alarm, Event, Manual |
| Recorded Video Resolutions | Mega Pixel, Full D1, CIF, QCIF |
| Video Quality Setting | Best, High, Standard, Medium, Low |
| Audio Record | Yes |
| Pre/Post Alarm recording | Yes |
| Motion Detection | Yes, 3 areas |
| Overwrite Data When HD is Full | Yes |
| E-mail Function | Yes, triggered by motion and alarm |
| E-mail with Picture | Yes |
| Show Tag & Time on Video | Yes |
| Video Playback | |
| Multi-Channel Playback | Yes, (Up to four channels) |
| Video Search | By time |
| Video Export Format | JPEG, AVI |
| Digital Zoom Control | Yes |
| Image Print | Yes |
| Frame Step Forward & Backward | Yes |
| Playback Forward & Backward | 1x, 2x, 4x, 8x, 16x, 32x |
| Configure Tool | |
| Device Search | Yes |
| Channel Setting | Yes |
| Configuration Import/Export | Yes |
| Time Synchronization | Yes |
| Adjust to Default Resolution Automatically | Yes |
| Use Overlay | Yes |
| Windows Control | Yes |
| Security | |
| Security setting | Yes, user and group |
| Client system requirements | |
| OS | Windows 7 / Vista/ XP/ 2000 |
| Suggested Minimum Hardware | CPU: Intel Core 2 Quad Q6600 or above Memory: 2GB VGA Card: 256 MB External Graphic Card or above |
| | Monitor Resolution: 1024 x 768 File System: NTFS |
| | CPU: Intel Pentium 4 2.0G Memory: 512MB VGA Card: 128MB Monitor Resolution: 1024x768 File System: NTFS |



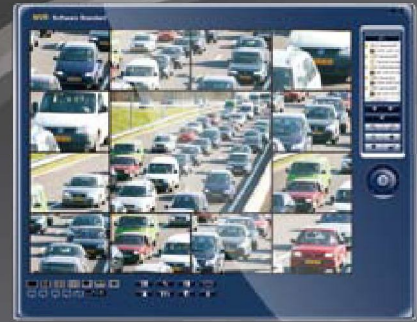
- Dual Monitor Display



- E-Map



Free Package 64CH Bundled IP Camera Software



Key Features

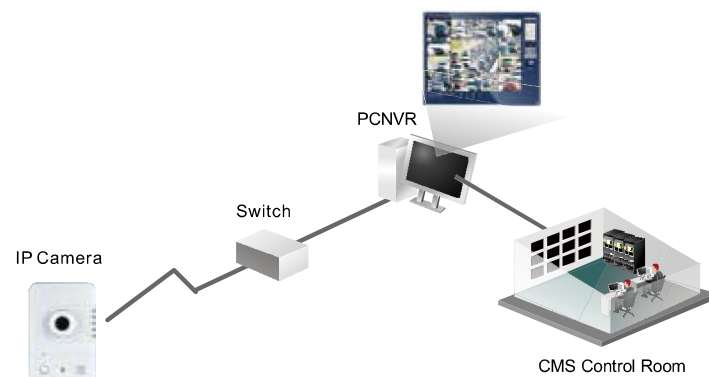
- Support VGA, CIF, QCIF
- Manage up to 64 channels
- H.264, MPEG-4, and MJPEG Triple Codec Compression
- Digital zoom on live view and playback
- Multiple-channel live view in full-screen mode
- Smart Motion Detection
- E-Map Monitor and Event Alert

Technical Specifications

| Model | NVR Software |
|---------------|---|
| Model Number | NTSC/PAL/2 way Audio/Ethernet/PoE |
| Cameras | Add Camera : Manual / Smart Camera Search Max. Channels : 64 |
| E-Map | E-Map configuration and management |
| Video & Audio | Video Compression : MJPEG / MPEG-4 Part 2 / H.264 Resolution : MegaPixel/FD1/CIF/QCIF Max. Frame Rate : 120fps @ Mega Pixel Audio Compression : G.711, ADPCM |
| Live View | Split Screen : 1/4/8/9/10/13/16/25/36/49/64 Digital Zoom : supported Drag and drop operation : supported Sequence Mode : Sequence All/Manually Selected cameras |
| Events | Event Actions : Sound Alarm Event Recording : Post Event Settings |
| Logs | Log Types : Event/Alarm Access |
| Multilingual | Supports languages : Chinese (Simplified), Chinese (Traditional), English (United States) |
| Playback | Playback Controls : Play / Pause / Stop / Forward /Reverse / Speed Adjust / Frame by Frame Digital Zoom : supported Video Clip Search : Search video clips by date, time, or channel Snapshot format : BMP, JPG Export Video : Export Playback Videos to Local Computer in AVI Format |
| Recording | Recording Mode : Manual / Continuous / Scheduling / Event Scheduling Types : Schedule Recording : Manual Select/Weekly Mode Event Recording : Triggered by motion detection. Post-Event Recording : 10 ~ 600 seconds |
| Networks | Protocols : HTTP / DHCP / ARP / NTP / DNS/ UPnP Streaming Protocols : RTSP over UDP, RTSP over TCP |

- Specifications are subjected to change without prior notice.

Mechanical Dimension



Maxiwatch Professional IP Software



IP Software

Key Features

- Support up to 64 channels
- Support megapixel IP camera
- Support H.264 compression format
- Triple monitor display
- Support Joystick
- E-map
- Unique GUI recording schedule
- Digital PTZ and multi-view
- Smart detection of 6 events with 10 instant responses
- Counting application
- Intelligent playback system with 5 video analytics searches
- POS and I/O device integration
- Remote live viewer, remote playback, remote backup, remote I/O control and remote desktop configuration
- Supported by Central Management System
- Supports 36 brands of IP cameras and more than 560 models
- Supports 25 languages

Technical Specifications

| Model | Maxi Watch IP Software (TCP-XM) | | | | | |
|------------------------------------|---|--|---|--|--|--|
| IP Camera Input(s) | 4, 8, 12, 16, 25, 32 | | | | | |
| Version | 3.2 | | | | | |
| IP Camera Brand(s) Supported | FINE Cisco EverFocus Icetek Lorex Panasonic(PSS) Seorim Y-cam | Arecont Digimerge Eyeview IQinvision Lumenera Pixord Sony Zavio | Atlantis D-Link JVC Mobotix Planet Toshiba ACTi Axis | Dynacolor HIKVision LevelOne Moxa Samsung Truen Basler Etrivision | Hitron Linksys Panasonic (PCC) Sanyo Vivotek | |
| Digital PTZ | Supported in Live view and playback | | | | | |
| Multiple Show | Supported in Live view | | | | | |
| Triple Monitor | Enable maximum 64 channels with two screens to show live video and viewer recording video on third monitor. | | | | | |
| Audio & Video Recording | Audio & video recording in synchronization. | | | | | |
| Screen Division | 1/4/6/9/10/13/16/25/36/49/64 divided screen. | | | | | |
| Compression Format | MPEG-4; M-JPEG; MxPEG; H.264 | | | | | |
| Recording Type | Continuous record, record by digital input, motion record, event | | | | | |
| Playback Channels | Playback Maximum 16 channels under several modes & full screen. | | | | | |
| Playback Control | Playback, backward playback, fast forward/backward playback. | | | | | |
| Auto Recycling Recording | Auto recycling when storage disk is full. | | | | | |
| Available I/O Function | Supporting I/O Box | | | | | |
| Available POS Device | RS232 to Ethernet Converter | | | | | |
| Hardware Watchdog | N/A | | | | | |
| System Minimum Requirements | | | | | | |
| OS Supported | Windows 2000 / Windows XP / Windows 2003/ Windows Vista / Windows 7 | | | | | |
| CPU | Pentium 4 – 2.8 GHz | | | | | |
| RAM | 512 MB | | | | | |
| HDD | 80 GB | | | | | |
| Mother-board | Intel 945 or 965 chip, Intel Chipset recommended | | | | | |
| Display | ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945 / 965, or above (ATI recommended) | | | | | |
| Support Language | English, Bulgaria, Chinese (Traditional), Czech, Danish, Farsi, Finland, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norway, Portuguese(Brazil), Portuguese(Portugal), Russian, Slovak, Spanish, Thai, Turkey | | | | | |

- Specifications are subjected to change without prior notice.

User Interface



- Live



- Playback



- I.E



- Remote Software

Maxiwatch Professional IP Software

IP Software



Specifications

System, setting, management and integration

- **Support up to 64 channels** • **Support megapixel IP camera**
- **Open Platform:** Supports over 560 IP cameras, megapixel cameras and video servers from 36 brands of network camera manufacturers; supports H.264, MPEG-4, MJPEG, MxPEG video formats; integrates various systems including point of sale (POS) and I/O device, as well as provides you SDK to integrate access control.
- **Multi-site/Multi-server:** Each NVR server supports up to 64 channels, from IP cameras and video encoders with analog cameras, and can be managed by CMS or remote live view client for centralized management in multi-site projects.
- **Multiple Video Clients:** NVR server can stream video to multiple Remote Live Viewers, web clients and mobile clients simultaneously.
- **Intelligent Video Analytics:** supports 6 types of video analytics including general motion, missing object, camera occlusion, foreign object, focus lost and signal lost. Each alarm can trigger up to 10 unique instant notifications.
- **Intelligent PTZ:** Joystick support on PTZ cameras and software enabled digital PTZ function are both available in NVR. Preset points and patrol functions are also available on many camera models.
- **GUI Recording Schedule:** Intuitive GUI recording schedule featuring continuous recording, motion recording and the 6 unique event recording modes. User can define the recording schedule for each camera on a day by day basis.
- **Triple Monitor:** Up to 64 channels of live view video can be displayed per monitor. Monitor 1 and monitor 2 can both display live view video or act as alarm monitor while the 3rd monitor can be used for playback
- **Transcoding:** Record and live display at different frame rate and resolution.
- **Advance E-Map:** Freedom to import custom image file, place the cameras and I/O on the map to indicate where events are getting triggered with a convenient video preview window.
- **User-Friendly Interface:** GUI recording schedule, camera drag and drop, I/O control menu and PTZ control menu.
- **Automatic Camera Model Detection:** automatically search for all of the IP cameras in the network (camera must support UPnP protocol). For cameras that don't support UPnP, user can manually insert the IP camera. The auto detection function will help the user to find the brand and model of the camera after specifying its IP address.
- **Counting Application:** intelligent 2-way (in and out) counting of object, people and traffic.
- **User Authority Management:** Support unlimited number of users with detailed and fully customizable user privilege on each user.
- **Network Flow Monitor:** The data streaming bandwidth of each remote client connection to the NVR server can be monitored and blocked if flow rate is too high.
- **Auto Recycle:** Automatically recycle recording files when the storage is full. Separate recycle schedule between recordings and varies log files.
- **Integration Support:** Open SDK for integration with third-party systems such as access control, automation, burglar alarm, video analytics and others.

Live Display

- **Multi-view:** NVR can duplicate the same live view video onto multiple channels and digitally zone in to see the details of different spots on cloned channels without losing the original live view video.
- **Intelligent PTZ:** Joystick support on PTZ cameras and software enabled digital PTZ function are both available in NVR. Preset points and patrol functions are also available on many camera models.
- **Monitor Resolution:** Supports 1024x768, 1200x900, 1280x1024, and 1600x1200 screen resolutions
- **Advanced E-Map:** Freedom to import custom image file, place the cameras and I/O on the map to indicate where events are getting triggered with a convenient video preview window.
- **Bandwidth Monitor:** Monitor and display the bandwidth usage of individual cameras and remote viewing clients.
- **Two-way Audio:** Listen and record audio from camera's microphone. Talk to IP camera's speaker.

Playback, Search, Export and Secure data

- **Post-Recording Processing:** Search for 5 types of different analytics events, digital PTZ and video enhancement tool are all available in playback.
- **Multi-Channel Playback:** Play up to 16 channels of recorded video simultaneously both locally and remotely.
- **Video Enhancement:** Fine tune the image's visibility, sharpen, brightness, contrast or even grey scale.
- **Intelligent Search:** Search for 5 different special events (general motion, missing object, for eign object, camera occlusion and signal lost) in recorded files with date, time and log file.
- **Video Export:** Take a snapshot of the recording in JPEG/BMP format or export a section of the video in "AVI" and "ASF" format.
- **Backup:** Backup the recording for archiving purposes or backup the recording with an embedded player to watch at a separate location. NVR supports both local and remote back up to local HD, network drive and CD.
- **Log data:** Unusual event, system log, and counting application can export to "xls" or "txt" file
- **Watermark:** Protect for original recording from alternation with our watermark verification tool.
- **DBTool:** Reconstruct, repair or relocate the recordings in local drive, external drive or network drive.

Remote operations

- **Multiple Live View Display:** Streaming live video from multiple servers (NVR, DVR, and NDVR) simultaneously. Dual monitors support with up to 128 channels per monitor (64 channels per monitor in v3.2.0).
- **Multi Playback Channels Display:** Remote playback of 16 channels recording from any one of the servers (NVR, DVR, and NDVR).
- **Intelligent PTZ:** Joystick support on PTZ cameras and software enabled digital PTZ function are both available in NVR. Preset points and patrol functions are also available on many camera models.
- **I/O Event Control:** Easy to use input and output control panel to remotely trigger digital outputs and monitor input status.
- **E-Map:** A map view of where each camera and I/O devices are located with a convenient pre view window.

- **Remote Backup:** Backup the video into .DAT format with a player attached for easy achieve and viewing purposes.
- **Web-browser (client):** Display up to 16 channels of live video stream or 16 channels of playback in I.E. from any single server.
- **PDA Viewer:** Up to 16 channels snapshot or 1 channel live display; PTZ and I/O control.

Extension Service

- **Central Management System:** Ultimate central monitoring solution for grand scale projects and projects with multiple sites. Fully compatible with all servers (NVR, DVR, NDVR and MiniNVR).
- **Remote Desktop Service:** Embedded remote desktop server that will host for any remote desktop clients to remotely configure the NVR software (remote desktop client is installed separately).
- **3GPP Service:** NVR supports mobile devices through 3G network to stream live view video.

External Device

- **Point of Sale (POS):** Point of Sales system works on NVR by overlaying the transaction text from cash register onto live video channels. All POS recordings are searchable.
- **External I/O capacity:** External I/O box

Smart Guard

- **Smart detection of 6 camera events, 14 different user-defined POS events, digital input events and 4 system events.** The combination of our smart guard events is a powerful tool to combat vandalism and provide a platform for operators to monitor and respond to live events immediately.
 - **Camera Events:**
 - General Motion
 - Missing Object
 - Foreign Object
 - Focus Lost
 - Camera Occlusion
 - Signal Lost
 - **Signal Digital Input Event**
 - **System Event:**
 - System alarm on Disk Space Exhausted
 - System alarm on System Health Unusual (CPU temperature)
 - System alarm on Resource Depleted (CPU loading)
 - System alarm on Network Congestion

- **Instant alarm notification is the fastest and most cost efficient way to automatically respond to any smart detection event.**

-1On Screen Display

- Play Sound
- Send E-mail
- Phone Call
- PTZ Preset Go
- Signal Digital Output
- Send a SMS message
- Send to Central Server
- Send Snapshot to FTP
- Popup E-Map on Event

Maxiwatch Professional Video Smart Intelligence



General Motion

Help users to monitor motions and can pinpoints subjects in defined area that detected intruders and trigger alarm



Camera Occlusion

Automatically detects if unidentified personal block cameras lens in an area to deter any vandalism, and alarms activated when any of the cameras is blocked



Missing Object

When an objects has been removed, missing from a detected zone, it will detects and identified to prevent Crime



Foreign Object

It can detects objects such as unidentified suitcase, Baggage appeared in area to help security people to take actions on potentially threat and damages



Lose Focus

When camera has been tore down, blurred pictures occurred for long period, it will show focus lose in the camera channel to alarm the user



Signal Lost

Automatically detects poor signals or signals lost from camera operation under surveillance to create seamless monitoring environment for best management



Counting Application

It can mark up two areas and count objects from in and out direction to monitor flow of movement in detected zone.



Multiple IP Brands Support