



# MonitoringCenter

## Video Management Software

The MonitoringCenter Client is a versatile video management software for DVRs, NVRs, IP cameras, encoders, decoders, etc. It provides multiple functionalities, including real-time live view, video recording, remote search and playback, file backup, etc. for connected devices, meeting the needs of small and medium-sized projects.

With its flexible deployment schemes and easy-to-use operations, the software is widely applied to the surveillance project of financial, public security, military, telco, transport, electricity, education, water conservancy industries, etc.

## Main Features

### General

- Management and viewing interface for IP cameras, IP domes, encoders, DVRs, NVRs, etc.
- Application in local area network and wide area network
- E-map function
- User permission management
- Embedded web server supporting web browsing
- Friendly user interface providing easy operations

### Network

- NTP protocol supported
- HiDDNS, IP Server, PeanutHull and DynDNS for dynamic IP connection
- Two-way audio and broadcast function
- Search online devices automatically (SADP)

### Live View

- Different view modes available in live view and playback
- Screen layout: 1, 4, 6, 8, 9, 13, 16, 25, 32, 36, 64
- Wide screen layout: 4, 6, 7, 9, 12, 16, 24, 36, 48
- Main/auxiliary screen live view
- Manual recording and picture capture supported

### PTZ Control

- Local and remote PTZ control supported
- Control keyboard and USB joystick supported
- Auxiliary focus function
- 3D positioning function

### Record

- Remote manual recording supported
- Schedule recording, event recording supported

### Playback

- Local and remote playback supported
- Up to 16-ch synchronous playback supported
- Instant playback supported
- Event playback supported
- Alarm Management
- Camera Linkage for tampering alarm/video loss alarm
- Manually turn on/off alarm output
- PIR alarm, wireless alarm and emergency alarm supported
- Multiple linkage actions supported
- Video Wall Display
- Multi-screen display mode supported
- Video wall display for playback supported
- Alarm triggered video wall display supported

### Backup

- Import and export configuration file
- Log search and backup



## Product Specifications

|                            |                          |   |
|----------------------------|--------------------------|---|
| <b>Operating System</b>    |                          | Microsoft Windows 7/Windows 2008 (32/64 bit), Windows 2003/Windows XP(32 bit)                         |
| <b>Client</b>              | User                     | Up to 51 users supported  |
|                            | Encoding Device          | Up to 256 encoding devices supported  |
|                            | Group                    | Up to 256 groups supported  |
|                            | Channel                  | Up to 64 channels can be imported to each group;<br>Up to 1024 channels can be imported to all groups |
|                            | Storage Server           | Up to 16 storage servers supported  |
|                            | Stream Media Server      | Up to 16 stream media servers supported   |
|                            | Decoding Device          | Up to 64 decoding devices supported   |
|                            | Live View                | Up to 64-ch live view supported at a time   |
|                            | Auxiliary Screen Preview | Up to 3 auxiliary screens supported for preview   |
|                            | Playback                 | Up to 16-ch playback supported at a time; Up to 16-ch synchronous playback supported                  |
|                            | E-map                    | Up to 256 E-maps can be added   |
|                            | Hot Region               | Up to 255 hot regions can be added  |
|                            | Hot Spot                 | Up to 64 camera hot spots can be added; Up to 64 alarm input hot spots can be added                   |
|                            | PTZ Control              | Up to 256 presets / 1 pattern / 16 patterns can be added; Each patrol supports up to 32 presets       |
|                            | Download                 | Up to 16-ch downloading supported at a time   |
| <b>Storage Server</b>      | User                     | Up to 32 users supported  |
|                            | Record Performance       | Up to 64-chx2Mbps supported at a time   |
|                            | VOD Performance          | Up to 64-chx2Mbps supported at a time   |
|                            | iVMS-4200 Client         | No limit for the amount of iVMS-4200 connected to the storage server.                                 |
| <b>Stream Media Server</b> | Input/output stream      | Up to 64-ch input video stream supported; Up to 200-ch output video stream supported                  |

## Recommended Configurations

|                                  | PC Configuration   |   |  |   |  |
|----------------------------------|--|---|--|---|--|
|                                  | The maximum amount of accesses supported for live view channel   |   |  |   |  |
| <b>Bitrate</b><br>Single P-frame | CPU: Intel Core i7-3770K 3.50GHz<br>Memory: 4GB<br>Graphic card: AMD Radeon HD 6700 Series<br>Operating System: Windows 7 (32 bit) | CPU: Intel Core i5-2320K 3.00GHz<br>Memory: 4G<br>Graphic card: NVIDIA GeForce GT 430<br>Operating System: Windows 7 (32 bit) | CPU: AMD Phenom II X4 965 3.40GHZ<br>Memory: 4G<br>Graphic card: ATI Radeon HD 5770 Series<br>Operating System: Windows XP SP3 | CPU: Intel Core 2 Quad Q8200 2.33GHZ<br>Memory: 4G<br>Graphic card: NVIDIA GeForce 9600GT<br>Operating System: Windows XP SP3 | CPU: Intel Core 2 Duo E8400 3.00GHZ<br>Memory: 2G<br>Graphic card: ATI Radeon HD 4800 Series<br>Operating System: Windows XP SP3 |
| (352*288)*768K*25                | 64   | 64  | 64   | 63  | 48   |
| (640*480)*1.5M*25                | 57   | 50  | 48   | 25  | 22   |
| (704*576)*2M*25                  | 49   | 38  | 36   | 19  | 17   |
| (960*576)*2M*25                  | 36   | 26  | 27   | 12  | 12   |
| (1280*720)*6M*25                 | 23   | 18  | 16   | 8   | 7  |
| (1280*960)*6M*25                 | 20   | 15  | 13   | 6   | 5  |
| (1600*1200)*8M*25                | 12   | 8   | 8  | 3   | 3  |
| (1920*1080)*9M*25                | 12   | 7   | 7  | 3   | 3  |
| (2048*1536)*13M*25               | 8  | 6   | 6  | 2   | 2  |
| (2560*1920)*7M*6                 | 6  | 6   | 6  | 5   | 4  |