



H7 Series

H.264 Digital Video Recorder

Web Viewer User's Manual

Preliminary Release

INDEX

Chapter 1. General

Access over internet _____	3
----------------------------	---

Chapter 2. Settings & Connections

Internet Explorer 7 _____	4
Internet Explorer 6 _____	7

Chapter 3. Basic operations

Automatic disconnection _____	10
Web viewer screen _____	10
Log-in _____	11
Mode control _____	11
Layout control _____	12
PTZ controls _____	12
Quit / Log-out _____	12

Chapter 4. Search operations

Search _____	13
Playback controls _____	14

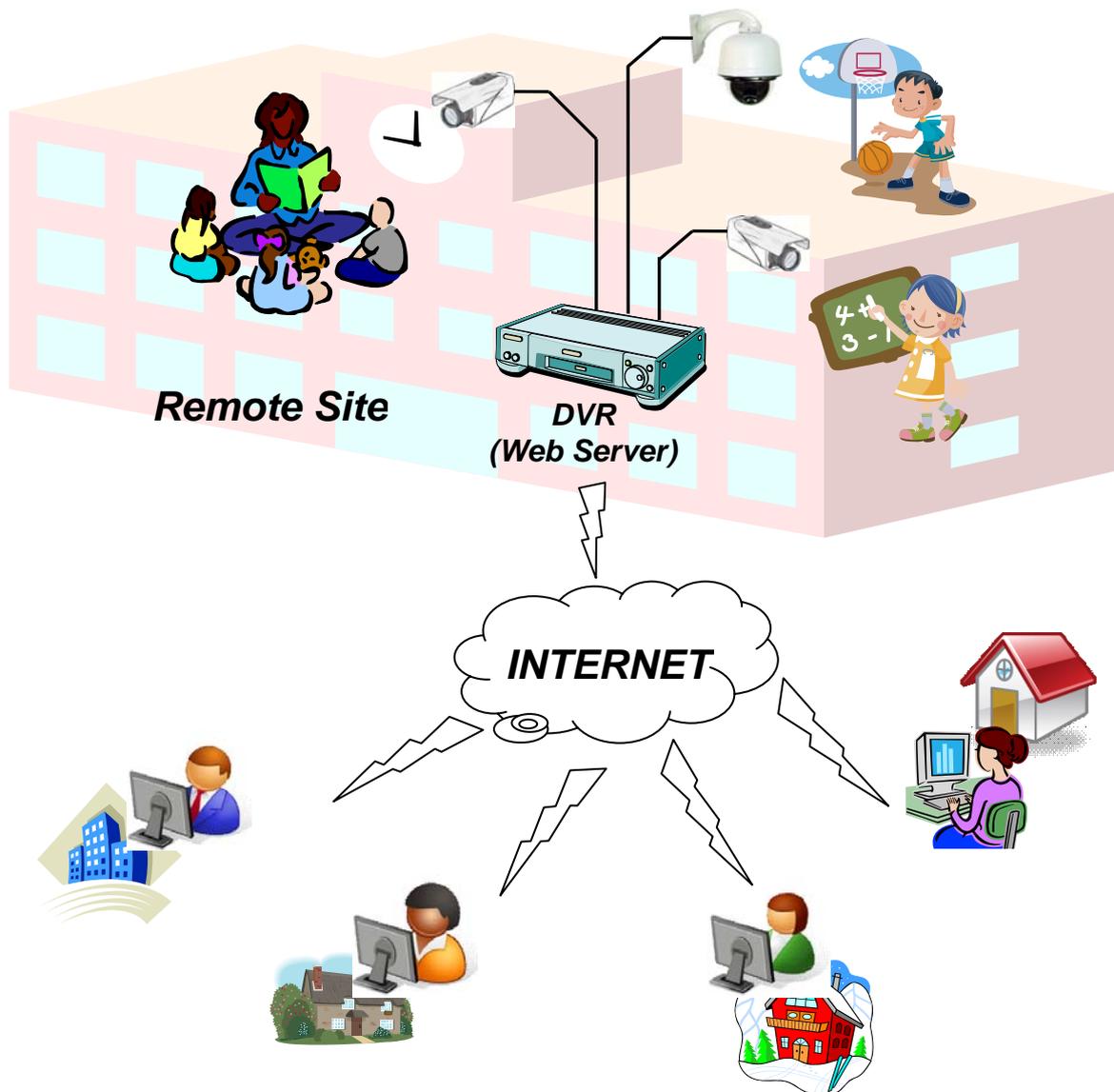
Chapter 1. General

Access over internet

Authorized user can access the DVR through internet at anywhere, at anytime.

DVR serves following three features for web viewer users.

- Live view
- Search & Playback (Search permission is required.)
- PTZ camera control (Search or Setup permission is required.)



Chapter 2. Settings & Connections

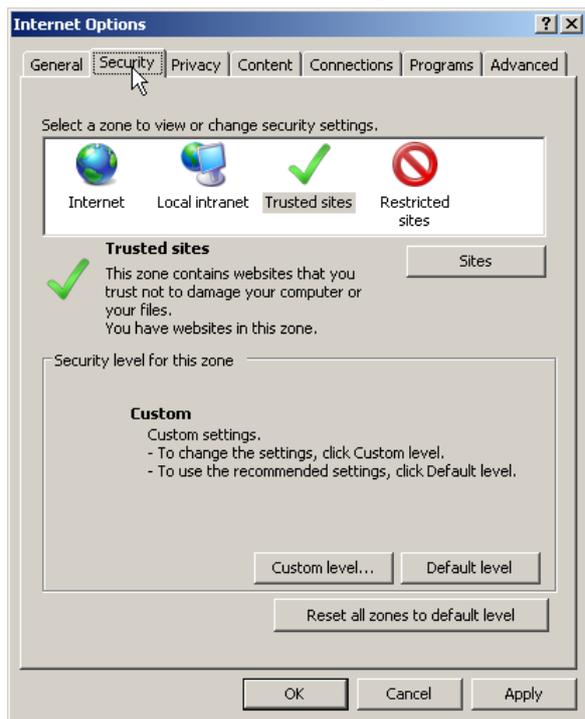
Internet Explorer 7



Step 1. Enter to "Internet Options".



Step 2. Move to "Security" menu.



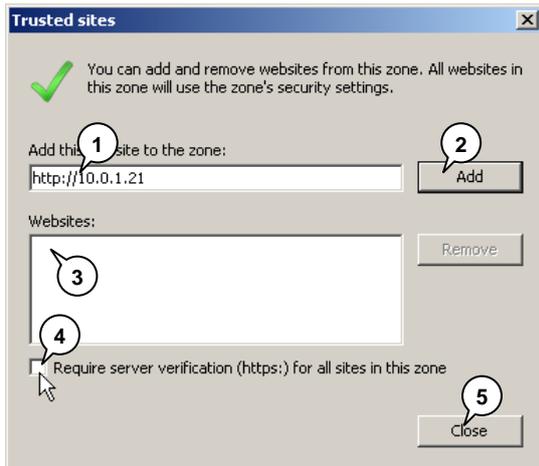
Step 3. Select "Trusted sites" zone.



Step 4 . Add a DVR to Trusted site.



 *Trusted sites windows will be shown.*

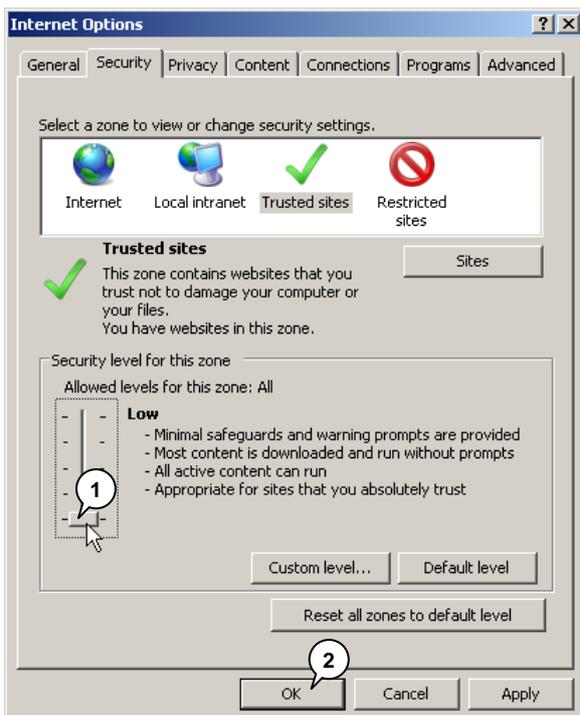


- 1) Type DVR IP address/URL directly.
- 2) Click "Add" button.
- 3) A new address will be added to here.
- 4) Uncheck server verification option.
- 5) Click "Close".

Step 5. Set security level to Low.

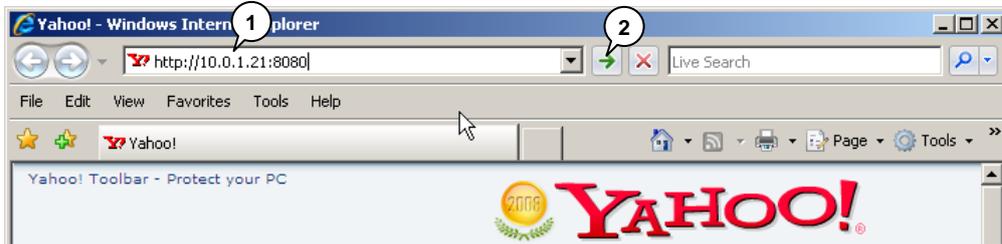
* See Step 8. If you want to set the level to "Medium" or "Medium-low".

- 1) Select "Low" security level for Trusted site.
- 2) Click "OK"



Step 6. Connect to DVR

- 1) Enter an address including port number "8080". (Ex. "http://10.0.1.21:8080")
- 2) Click "Go" or tap Enter key.



Step 7. Install an ActiveX control

Security warning message will be shown as below.

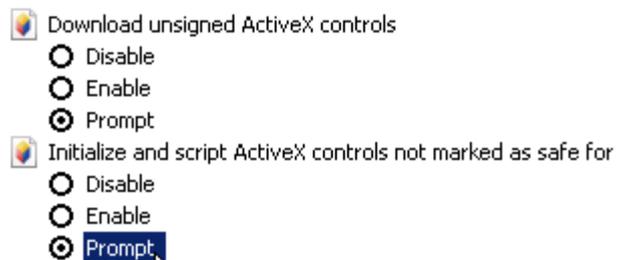
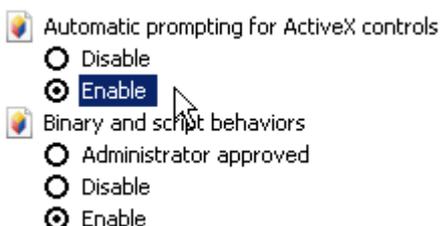
Select "Install" to access DVR.



Step 8. For advanced users

If you want to set the security level to "Medium" or "Medium-low" in Step 5., change following ActiveX options, please.

- 1) Automatic prompting for ActiveX controls : Enable
- 2) Binary and script behaviors : Enable
- 3) Download unsigned ActiveX controls : Prompt
- 4) Initialize and script ActiveX controls not marked as safe... : Prompt

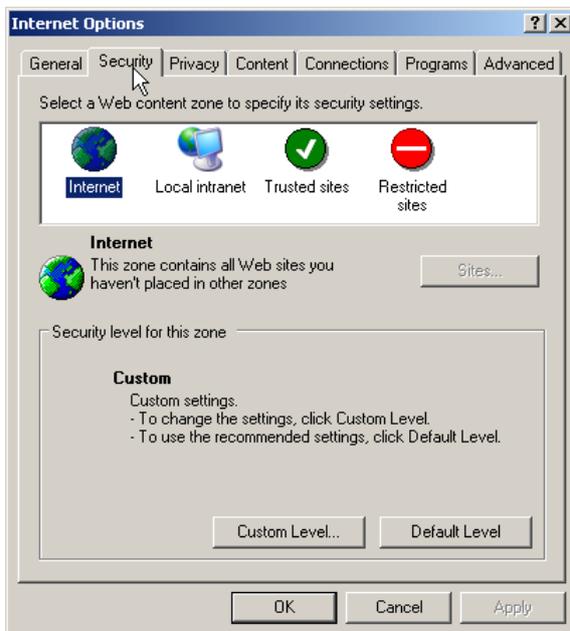


Internet Explorer 6

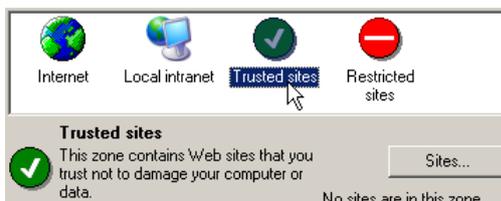
Step 1. Enter to “Internet Options”.



Step 2. Move to “Security” menu.



Step 3. Select “Trusted sites” zone.

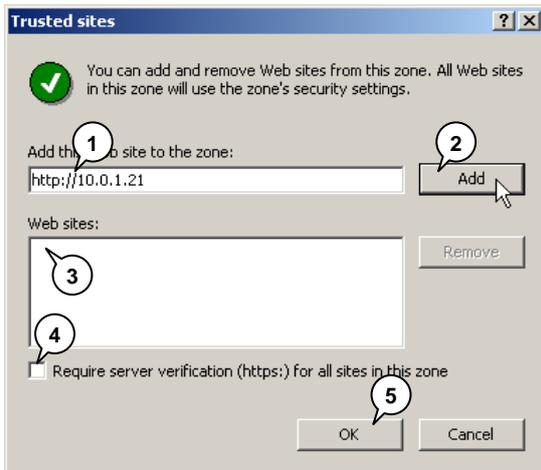


Step 4 . Add a DVR to Trusted site.

Click “Sites...” button



 *Trusted sites windows will be shown.*

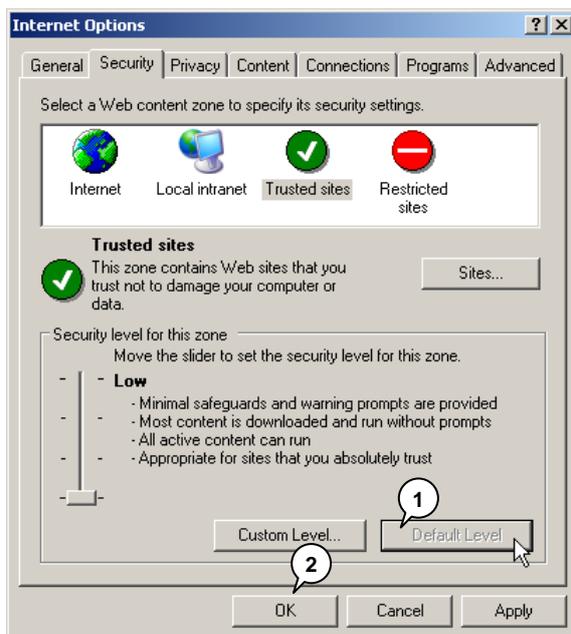


- 1) Type DVR IP address/URL directly.
- 2) Click “Add” button.
- 3) A new address will be added to here.
- 4) Uncheck server verification option.
- 5) Click “OK”.

Step 5. Set to default security level.

* See Step 8. If you want to set the level to “Medium” or “Medium-low”.

- 1) Click “Default Level” to set Low Security level for trusted site.
- 2) Click “OK”



Step 6. Connect to DVR

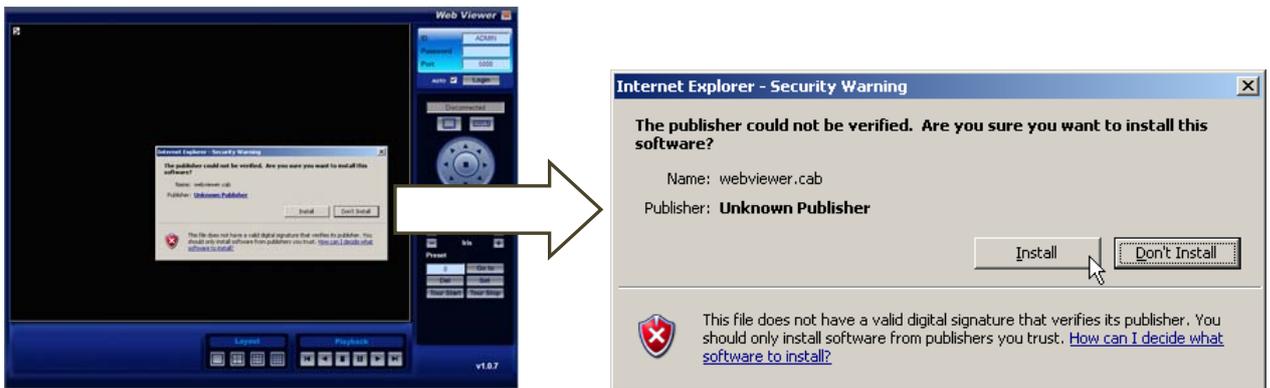
- 1) Enter an address including port number "8080". (Ex. "http://10.0.1.21:8080")
- 2) Click "Go" or tap Enter key.



Step 7. Install an ActiveX control

Security warning message will be shown as below.

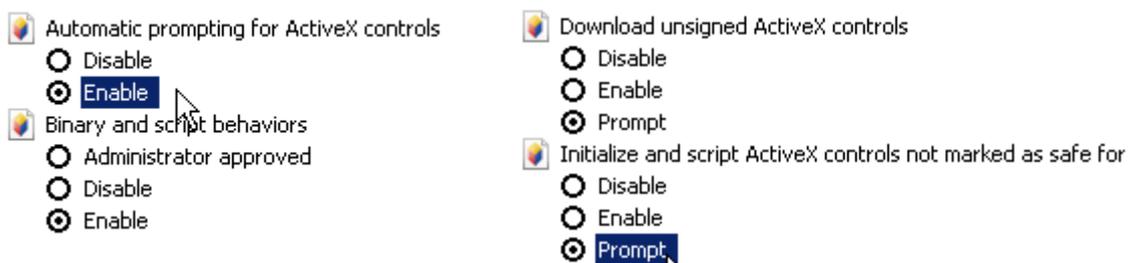
Select "Install" to access DVR.



Step 8. For advanced users

If you want to set the security level to "Medium" or "Medium-low" in Step 5., change following ActiveX options, please.

- 1) Automatic prompting for ActiveX controls : Enable
- 2) Binary and script behaviors : Enable
- 3) Download unsigned ActiveX controls : Prompt
- 4) Initialize and script ActiveX controls not marked as safe... : Prompt



Chapter 3. Basic operations

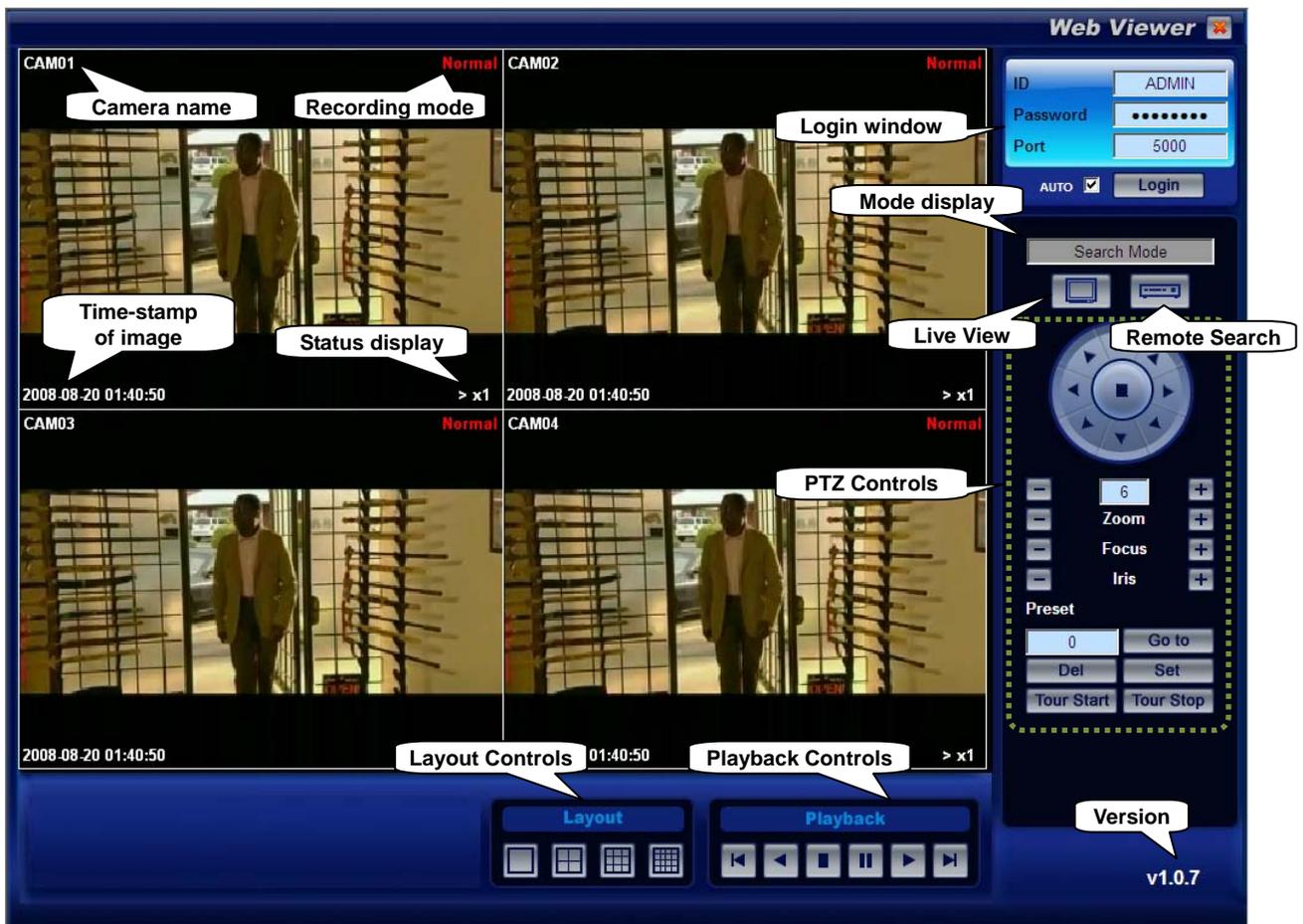
Automatic disconnection

DVR denies or disconnects when it is handling mission critical task as following.

Try later when web viewer shows these messages.

- DVR is updating system configurations.
- DVR enters to search mode.
- DVR starts to backup.

Web viewer screen



Status Display

- “LIVE” : Live Mode
- “> x1” ~ “> x16” : Forward playback mode (x1 ~ x16 means playback speed)



“< x1” ~ “< x16” : Reverse playback mode

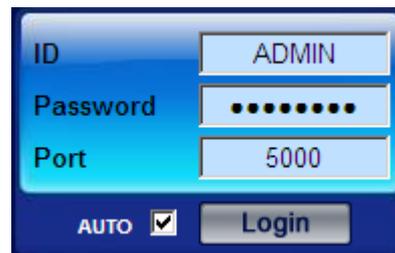
Log-in

Step 1. Enter an ID & Password

It must be same as registered on the server.

Step 2. Enter a port number (5000)

Do not change this number.



Step 3. Click Login button

Click this button to log-in.

You can find that mode display is changed from “Disconnected” to “Live mode”.

TIP **Permission**

Administrator can assign different permission for each users.

Permission of Admin and Guest are fixed to All and LIVE.

Refer to System::User menu on user’s manual.

Permission	Layout Control	Search & Playback	PTZ Controls	Remark
Live	O	X	X	Guest
Search	O	O	O	
Setup	O	O	O	
All	O	O	O	Admin

Mode control

Web Viewer supports two modes;

1) Live mode

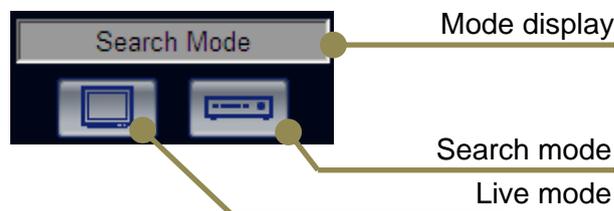
Click Live mode button.

Server transmits live video streams and audio streams in real time.

2) Search mode

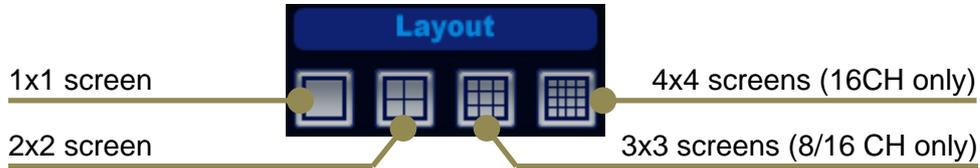
Click Search mode button.

Calendar search tool and playback controls are supported.



Layout control

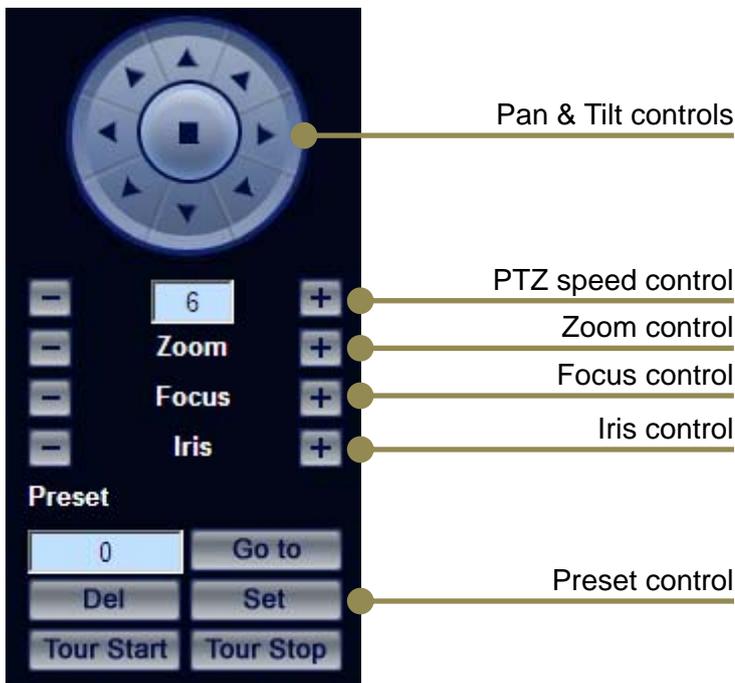
You can select a layout between single and split at any mode.



PTZ controls

You need "Search", "Setup" or "All" permission to use PTZ controls.

Please, change the layout to 1x1 screen mode prior to use PTZ controls.



Quit / Log-out

Click "Quit" icon to log-out.

Mode will be displayed as "Disconnected".

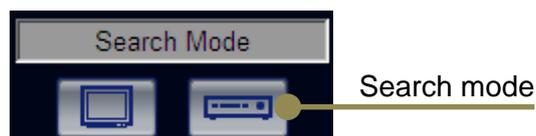


Chapter 4. Search operations

You can search video data which it is stored on remote site's DVR through web viewer.

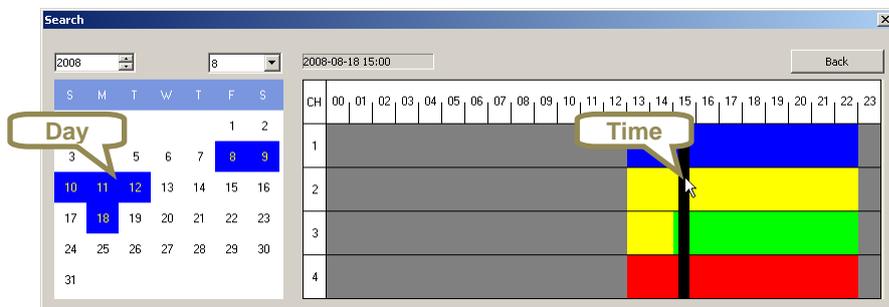
Search

Step 1. Click Search mode button



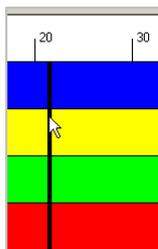
Step 2. Choose specific Day & Hour

Available days are shown as blue-back colored, choose a specific day on the calendar.



TIP Recording mode color

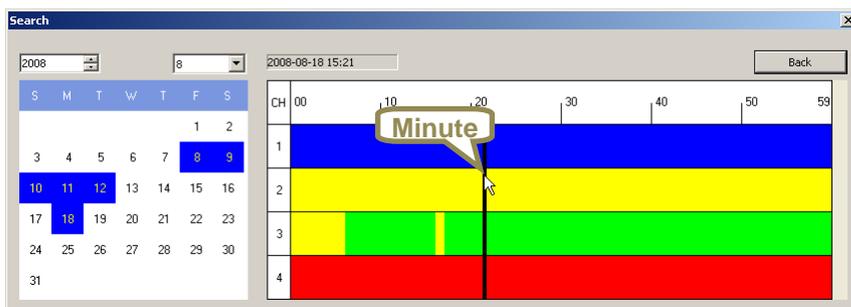
Search map is shown with recording mode color as below.



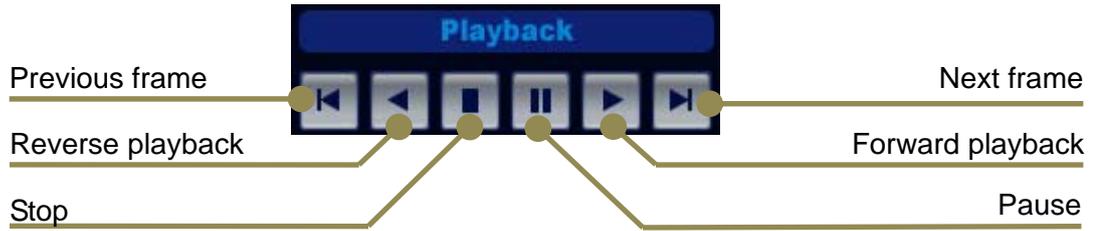
- Blue : Recording data by motion event
- Yellow : Recording data by alarm in event
- Green : Recording data by motion+alarm event
- Red : Normal recording data or Panic recording data

Step 4. Choose specific Minute

Playback will be started as soon as you click specific minute on the search map.



Playback controls



 **TIP** **Fast playback control**

Web viewer support multiple playback speed, x1, x2, x4, x8 and x16.
The speed is changed when click playback button during playback.