

Calyzo Full Network Manual



9. Remote Access

The digital video/audio recorder can be accessed by using a web browser installed on a PC if this unit is connected to a network, either internet or intranet.

Before Logging On

Before accessing this unit through web browser, please make sure the followings (**For most PCs, only step 3 & 6 is needed!**):

1. This unit is connected to the network correctly, and the configurations are all setup correctly. Please refer to [Section 6.10 Network Setup](#) for the detailed configurations.

2. **DirectX® End-User Runtime 9.0** or above has been installed in your PC successfully. If not, please logon to <http://www.microsoft.com> to get the free download of it.
3. The domain name or IP address of the digital video/audio recorder has been set as **trusted web site** in your PC, and the **(https:) server verification** for trusted web site is **unchecked**. If not, please go to Tools->Options->Security in your I.E. to do the settings. For **I.E. 7**, please set the **Security level for this zone to Low**.
4. The ActiveX control in your PC is not disabled. If you are not sure, please go to Tools->Options->Security->Custom in your I.E. to enable ActiveX control.
5. Port 67 (control port) or port 68 (data port) is not blocked out by your router or ISP (Internet Service Provider).
6. If the PC has used I.E. to access earlier software version of DVR, please go to Tools->Options->General in your I.E. to **delete “Temporary Internet files” and all offline contents**.
7. To have better look-&-feel for your PC, please go to Start->Setup->Control, and select Display->Visual Style->Windows XP Style.
8. Please go to Start->Setup->Control, select Display->Settings, and set the Screen Resolution to at least 1024x768 and Color to 32-bit.

Logon

After the above-mentioned items have been done correctly, restart your web browser and enter the domain name or IP address of the digital video/audio recorder in the Location/Address field of the web browser. The plug-in software in the system will be downloaded and run automatically in the web browser. **Please note that up to 5 users can logon this DVR simultaneously.**

Remote Display and Operations

After the plug-in software is downloaded and run in the web browser, you will be asked for ActiveX control to interact with your PC. Please select **Yes**, and the remote login display will be shown. For some PCs, it may be necessary to click in the window with the message in red color, but outside the Login Dialog before the next step. Please enter the correct login name and password (and control port & data port if they have been changed) for the digital video/audio recorder to login the system. And the main remote display will be shown as below.



The video images can be displayed in several types of split-window screens, including 1/4/9/16-Window. And the focus window is surrounded by a frame border. In addition to the video windows, there are different icons on the lower corner and the right corner of the screen for status display and control. (The “.L” following the camera title stands for Live display, “.P” for Playback, and the camera title with white background has detected motion.)

Note 1: The frame rate is limited by the bandwidth of the network and the pre-record IPS of the camera ([Section 6.2](#)).

Note 2: The picture quality depends on the recording resolution and recording quality of the camera ([Section 6.2](#)).

When the user leaves I.E., he/she may be asked to save changes to files, please click on OK or Yes to save the changes. The operations and descriptions for these icons are as below:

- In video window, right-click the mouse button to call up Camera/Playback/Print Dialog. (Left) click on Playback or Camera number to change the window to the corresponding camera and live/playback mode. The user may also click on the “Print” button to print the video to the printer.



Click on these icons for 1/4/9/16-Window display.



Click on this icon to switch to or return from SEQ display mode.



Click on this icon to toggle between live mode and playback mode for all the video windows.



Click on this icon to freeze/unfreeze the video images for all the video windows.



Click on this icon to enable/mute the audio input from the PC, button down for enable, button up for mute. If enabled, the audio input from the PC will be sent to the DVR. The default setting is 'mute'.



Click on this icon to enable/mute the audio output from the camera for the focus window, button down for enable, button up for mute. The default setting is 'mute'.



Playback panel for playback buttons, including Fast Backward, Fast Forward, Single Step, Play, Pause, Stop, and Copy (from left to right). **Please note that the Copy function can be used to archive both live and playback streams.** Please check/uncheck the cameras to be archived when the Copy Dialog is shown, and then click on OK or Apply button. If the user click on Apply button and select & highlight one of the cameras, the current copying status for that camera will be shown in the dialog.



PTZ control panel. If the camera in the focus window is a PTZ camera, these buttons in the PTZ control panel can be used for PTZ control. The operations include Tilt Up/Down, Pan Left/Right, Zoom In/Out, Focus Near, Focus Far, Iris – (darker), Iris + (brighter).

Camera

Status indicators for cameras 1-16 (GREEN for normal, RED for motion) for the DVR. Click on any of these icons to select the corresponding camera of the DVR to be displayed in the focus window.

Alarm In

Status indicators for alarm inputs 1-4 (GREEN for normal, RED for alarm) for the DVR.

Alarm Out

Alarm outputs 1-2 (GREEN for normal state, RED for triggered state) for the DVR. For Administrator, click on any of these icons to control the corresponding alarm output from normal to triggered, or from triggered back to normal.



Click on this icon to call up Search-by-time dialog. Please select the time (Year, Month, Date, Hour, and Minute) and recorded video/audio type (Alarm, Motion, Video Loss, and Normal) to search for playback. Click on Search button to start the search of the recorded video/audio. (If it failed, the result will be shown on the title of the dialog.) Now, you may use the playback buttons to play the recorded video/audio. **Please note that there must be some cameras in playback mode for the search to succeed.**



Click on this icon to call up Search-by-event dialog. The event logs will be shown on the screen. Please select the event type and source ID to search for the event logs. Click on Refresh, Up, or Down to update the event logs. Click on the desired event log to highlight and select it. Click on the OK button to search the recorded video/audio for the highlighted event log. Now, you may use the playback buttons to play the recorded video/audio.



Click on this icon to call up search-PC-video dialog. Please select the file, and then click on Open. Now, you may use the playback buttons to play the recorded video/audio in the file.



Click on this icon to show/hide full PTZ control panel. The user can click on the PTZ Panel (but outside of any object in it) (to call up the **Context menu**) to move it.



Click on this icon to call up Setup dialog. Following is a brief description for each item:

- **Device Name** – any meaningful name for the (DVR) device.
- **Address** – IP address or URL domain name for the (DVR) device. It should be the same as the IP address (for Static IP) or URL (for PPPoE) in Network Setup for the (DVR) device.
- **Control Port** – the control port for the (DVR) device. The default value is 67.
- **Data Port** – the data port for the (DVR) device. The default value is 68.
- **User Name** – the login user name for the (DVR) device. It must be in the list in Password Setup for the (DVR) device. Please note that **different levels of users have different available operations.**
- **Password** – the corresponding password for the login user name for the (DVR) device.
- **Auto Connection** – whether the user wants to connect automatically to this (DVR) device.
- **Connected** – whether this PC is connected with the (DVR) device now.

System Requirements of Remote PC

It is recommended to access the digital video/audio recorder using a PC that meets the following system requirements. If you use a PC that does not meet the following system requirements, it may cause problems such as slow imaging or the browser unable to operate.

- **PC**

IBM PC/AT compatible.

- **CPU**

Intel[®] Pentium[®] 4, 1.4 GHz or above.

- **OS**

Microsoft[®] Windows[®] XP or Windows[®] 2000 with SP4.

- **Monitor**

1024 x 768 or above.

- **Memory (DRAM)**

512MB.

- **Network Interface**

Ethernet, 10/100 Base-T.

- **Web Browser**

Microsoft[®] Internet Explorer[®] 6.0 or above.

- **DirectX**

Microsoft[®] DirectX[®] 9.0 or above.