

D-ViewCam Standard/Professional/Enterprise

User Manual

Version 1.30

Business Class Networking

Manual Overview

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Revision	Date	Description
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Manual Revisions

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Product Overview

System Requirements

To ensure that your D-ViewCam Standard/Standard/Professional/Enterprise system can maintain high video monitoring and recording performance, certain minimum system configurations are required.

CPU	Intel Core 2 Duo E5300
RAM	2 GB
Motherboard	Intel P55, H55, X58, P45, P43 chip, MB vendor ASUS Gigabyte or MSI with Intel Chipset recommended
Display card	ATI Radeon 4650 or above (ATI Driver V11-2 recommended)
Ethernet	100Base-T or above, Gigabit LAN recommended
Hard Disk	250 GB or above
OS	32 bits: Microsoft Windows XP pro SP3/ Vista SP1/ Win 7 SP1 64 bits: Win 7 SP1/ Win Server 2008 R2

Note: To determine the minimum hardware requirements for your planned surveillance system if it is not listed in the above table, please consult the SI (system integrator), the reseller, or D-Link Technical Support.

Note: Recording video over a long period of time will consume large amounts of disk space. Make sure that you have enough disk space available if you want to use the recording function. You can still complete the installation even if you have less than the suggested free disk space.

Introduction

Thank you for purchasing D-ViewCam Standard/Professional/Enterprise. This state-of-the-art video management software is a comprehensive surveillance system designed to centrally manage up to 8/32/64 network cameras, while displaying real-time information on the screen. This software allows you to build a powerful surveillance system at your home or small business by using D-Link network cameras and the latest features offered by the D-ViewCam Standard/ Professional/Enterprise software.

Key Features

- D-ViewCam Standard/Professional/Enterprise automatically locates and adds network cameras in the local network
- Storage management for recording files
- Single and multiple video stream monitoring (up to 8/32/64 video channels)
- Two-way audio communication
- Intelligent filter and search capabilities for scheduling recording and/or event recording-

Installing Your Network Camera

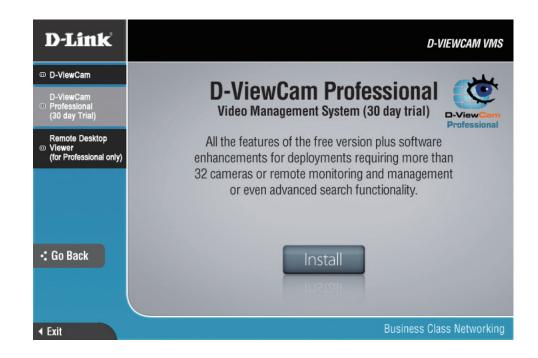
Before installing D-ViewCam Standard/Professional/Enterprise, please make sure you have installed your D-Link network camera(s) that will be managed by D-ViewCam Standard/Professional/Enterprise.

- **Step 1 -** Follow the installation procedures that came with your network camera(s) to complete the camera installation process.
- Step 2 Verify that you are able to view the video images from the network camera (s) by accessing the camera's web-based configuration utility. It is recommended that all network cameras be installed in the same subnet as your management PC running the D-ViewCam Standard/Professional/Enterprise software.
- Step 3 Please refer to the Add camera(s) section in the next section Software Installation for more information.

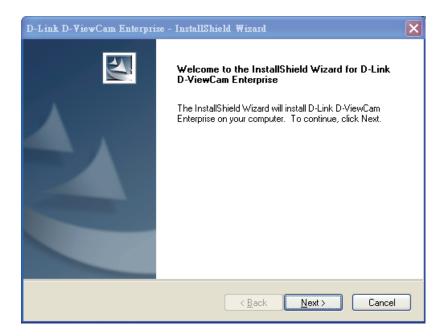
Software Installation

Turn on the computer and insert the CD into the CD-ROM drive. Click "Install D-ViewCam Standard/Professional/Enterprise" from the menu, and select "D-ViewCam Standard/Professional/Enterprise" to install the VMS (Video Management Software) software.

Step by step instructions are shown below if you are using Windows[®] XP. However, similar instructions and windows are displayed for other Windows operating systems.



1. Click **Next** to continue.



2. Click I accept the terms of the license agreement and then click Next to continue.

D-Link D-ViewCam Enterprise - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	
Corporation, its attiliates, or suppliers (collectively D-Link), and are protected by domestic and international intellectual property laws and international treaties. The SOFTWARE PRODUCT is non-exclusively licensed and not sold. You (Client) acknowledge and respect any and all intellectual property rights of D-Link, including all software, facilities, patent rights, trademark rights, copyrights, specific technology and business secret of the product and service provided. Any form of behavior damaging the intellectual property rights of D-Link is strictly forbidden. Client shall not reverse engineer in any form of the above mentioned software, equipment and item, or modify,	
I accept the terms of the license agreement I do not accept the terms of the license agreement	
nstallShield	

3. Enter your name and company name. Click **Next** to continue.

4. Select Complete to install the entire D-ViewCam Standard/
Professional/Enterprise software package or Custom to
choose which programs to install. Click Next to continue.

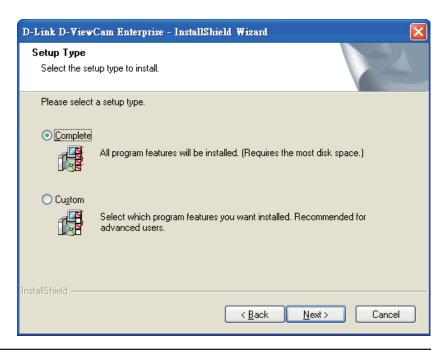
COMPLETE SETUP TYPE

Select **Complete** to install all the program features into the default directory (requires the most disk space) and click **Next** to continue.

CUSTOM SETUP TYPE

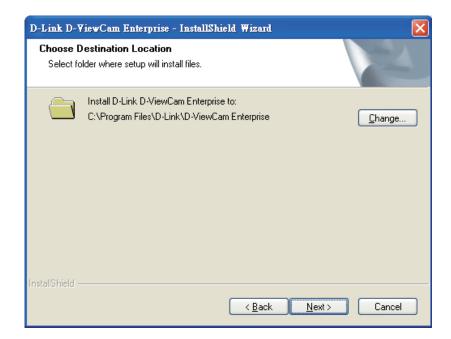
Select **Custom** to install the system to a preferred directory. This option allows you to specify the program feature(s) for installation, and is recommended for advanced users.

D-Link D-ViewCam Enterprise - InstallShield Wizard	×
Customer Information Please enter your information.	
Please enter your name and the name of the company for which you work.	
User Name:	
Company Name:	
InstallShield	
< <u>₿</u> ack <u>N</u> ext >	Cancel



- 5. Select **Custom**, and then click **Next**. The **Choose Destination Location** window will appear.
- 6. To install to this folder click **Next**. To install to a different folder, click **Change** and select another folder.

- 7. Select the features you want to install and click **Next** to continue. The five main features in the server setup process are:
- Main Console
- Playback
- LiveView
- Backup
- Verification



D-Link D-YiewCam Enterprise - InstallShield Wizard	ı 🗙
Select Features Select the features setup will install.	
Select the features you want to install, and deselect the fe MainConsole Playback LiveView Backup Verification	atures you do not want to install. Description The main control console of the D-Link D-ViewCam Enterprise.
268.17 MB of space required on the C drive 19252.61 MB of space available on the C drive InstallShield	
InstallShield	k <u>N</u> ext> Cancel

8. Click Install to start the installation.

D-Link D-ViewCam Enterprise - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
nstallShield	
< <u>B</u> ack Install Cancel]

9. Click **Finish** to complete the installation.

D-Link D-ViewCam Enterprise - InstallShield Wizard		
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed D-Link D-ViewCam Enterprise. Click Finish to exit the wizard.	
	< Back Finish Cancel	

Remote Desktop Viewer Installation

Remote Desktop Viewer allows for remote access to the Main Console and Setup configuration.

- 1. In the **InstallShield Wizard** screen, click **Remote Desktop Viewer** and then click **Next** to continue.
- Desktop Viewer

 The InstallShield Wizard will install Remote Desktop Viewer on your computer. To continue, click Next.

Welcome to the InstallShield Wizard for Remote

Remote Desktop Viewer - InstallShield Wizard

Z

Remote Desktop Viewer - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	4
End User License Agreement ("EULA") Do not install or use the software until you have read and accepted all of the license terms. Permission to use the software is conditional upon your agreeing to the license terms. Installation or use of the software by you will be deemed to be acceptance of the license terms. Acceptance will bind you to the license terms in a legally enforceable contract with company. * SOFTWARE LICENSE AND LIMITED WARRANTY This is an agreement between you, the end user, and company. By using this software, you agree to become bound by the terms of this agreement.	
I accept the terms of the license agreement I do not accept the terms of the license agreement	
InstallShield	cel

2. Select I accept the terms of the license agreement. Click Next to continue.

3. Enter the **User Name** and your **Company Name**. Click **Next** to continue.

4. Select **Complete** to install the entire package or **Custom** to choose which programs to install. Click **Next** to continue.

COMPLETE SETUP TYPE

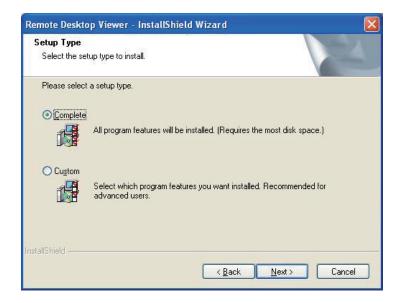
Select **Complete** to install all the program features into the default directory (requires the most disk space) and click **Next** to continue.

CUSTOM SETUP TYPE

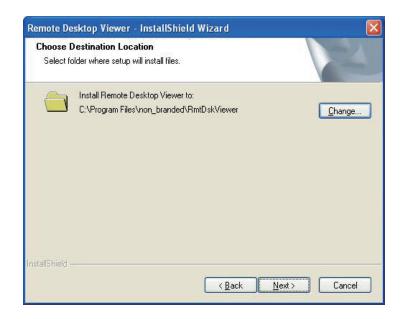
Select **Custom** to change the installation directory and/ or program features. This option is recommended only for advanced users.

5. Select **Custom**, and then click **Next**. The **Choose Destination Location** window displays.

Customer Information Please enter your information.		
Please enter your name and the	name of the company for which you w	ork.
<u>U</u> ser Name:		
Company Name:		
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6. To install to this folder click **Next**. To install to a different folder, click **Change** and select another folder.



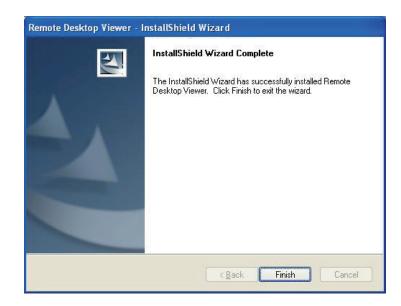
7. Select **Remote Desktop Viewer** and click **Next** to continue.

elect Features	and the second s
Select the features setup will install.	
Select the features you want to install, and de	select the features you do not want to install.
	Description
3.81 MB of space required on the C drive 3368.65 MB of space available on the C drive	
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8. Click Install to start the installation.

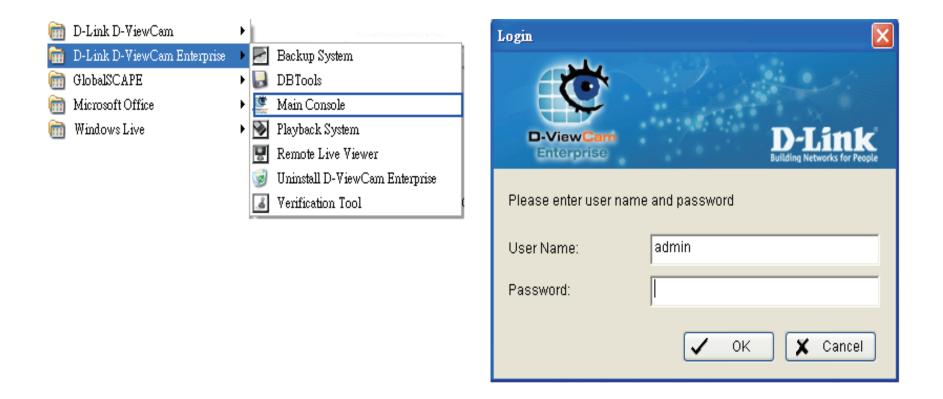
Remote Desktop Viewer - InstallShield	Wizard		
Ready to Install the Program The wizard is ready to begin installation.			X
Click Install to begin the installation.			
If you want to review or change any of your i the wizard.	installation setting	s, click Back. Cl	ick Cancel to exit
trie wizaru.			
istal/Shield			
	< <u>B</u> ack	Install	Cancel
		Je	

9. Click **Finish** to complete the installation.



D-ViewCam Standard/Professional/Enterprise Login

Once the console loads, enter the User Name and Password and click OK.



Activate Software License(s)

1. Go to Main Console > General Setting and open the License Manager tool.

- 2. Select **On line** network environment.
- 3. Select **Input SN** to enter the Serial Number, **Import the SN file**, or **Import license file** to activate the license.
- 4. Click **Activate**. After the software license is activated successfully, please restart the Main Console.

Note: Please refer to the License Management Tool section for advanced settings.



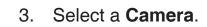
tivate Transfer			
tivate Transfer			
SN	Channel	Product	Status
Activate type			
Online activation:			
Input SN:			
Import SN file:			
C Convert to Bundle \	/ersion		Activate
O Offline activation:			
Step 1 : Export server i	nformation	file:	
🖸 Manual key-in S			
C Activate from do	ngle		
		Evo	ort offline pack
		· · ·	· · · · · · · · · · · · · · · · · · ·
Step 2 : Use "Offline To file.	ol" to activa	ate license and	l get offline license
Step 3 : Import offline li	icense file:		
			Import
			Impore
			(

Add Camera(s)

- 1. Once the console loads, click **General Setting** (*), then click **Setting**, and select **System Setting**.
- 2. Select the **Camera** tab, then click **Search** to find the network camera (s) that are on your local area network (LAN).

The system automatically searches for all the network cameras that are on your local area network (LAN).

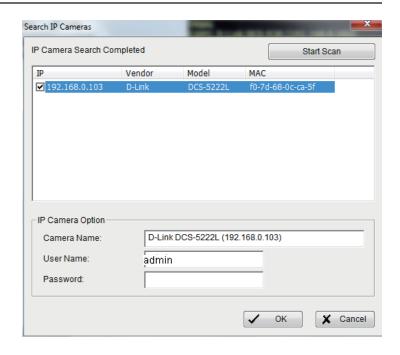
Search IP Cameras IP Camera Search Completed Start Scan IP Vendor Model MAC ✓ 192.168.0.103 IP Camera Option D-Link DCS-5222L (192.168.0.103) Camera Name admin User Name: admin Password: 1 OK X Cancel



Note: If your network cameras support UPnP, follow step 3. Otherwise, skip to step 5.



4. Select one of the network cameras that are available, enter a **Camera Name** and then enter the **User Name** and **Password**. Click **OK** to add the camera.



5. If your camera(s) does not support UPnP, you can manually add a camera.

Click **Insert** to manually add network camera(s) that are on your local area network (LAN).

🎂 Setting	
General Camera VO Device PTZ Config Hotline Address Book Monitor Display	
General Cemeral Do Device P12 Contig Hotine Address Book Montor Display È Seuch È Inant È Debie € Contig	
Camera Parameter	OSD Setting
DC8-3710	Enable
	Date 2009/09/25
Go to Web Interface	Time PM03:03:00
Camera Settings	Camera Number
Video Parameter	Camera Name Font
Stream Profile	Elitrate Apply All
	V OK X Cancel

- 6. Enter the following Network information for your camera:
 - Name Enter a name for your camera.
 - **IP Address** Enter the IP address of this camera. If you want to use a domain name, then select DNS and enter the domain name.
 - HTTP Port 80 is the default port.
 - User Name Enter a user name for this camera.
 - **Password** Enter a password for this camera.
 - Protocol Select TCP, UDP, HTTP, or HTTPS.

Enter the following **Device** information for your camera:

- Auto Detect Click to detect the vender and model information.
- **Vendor** Select the vendor's name from the dropdown menu.
- **Camera Model** Select the camera model from the drop-down menu.
- Video Channel Select the video channel you want to assign the camera to.
- 7. Click **OK** to add your camera.

letwork		-
Name:	DCS-7110	
IP Address:	192 . 168 . 50 . 108	
Http Port:	443	HTTPs
User Name:	admin	
Password:		
Protocol:	C TCP C UDP . HT	ſP
Device		
Vendor:	D-Link	Auto Detect
Camera Model:	DCS-7110 -	
Video Channel:	✓ 1	
Description		
Video Codec:H264 MF	PEG4 MJPEG	
Audio Codec:N/A Camera:1, DI:1, DO:1		
Camera. 1, Di. 1, DO. 1		

D-ViewCam Standard/Professional/Enterprise Interface Overview

This section will show you how to start and configure D-ViewCam Standard/Professional/Enterprise.

To start D-ViewCam Standard/Professional/Enterprise, go to Start > All Programs > D-Link D-ViewCam Standard > Main Console.

or

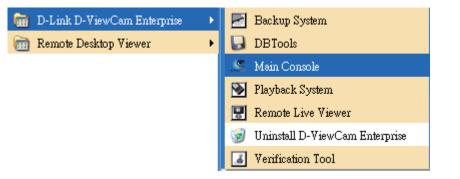
Start > All Programs > D-Link D-ViewCam Professional > Main Console.

```
or
```

Start > All Programs > D-Link D-ViewCam Enterprise > Main Console.

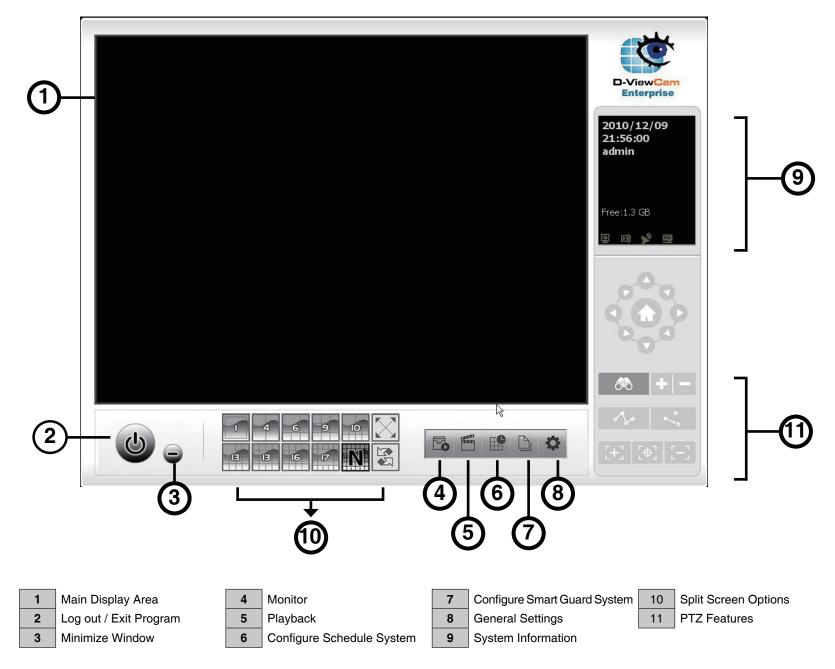
Enter **Admin** as the default username and your password. Click **OK** to log into the system.

Note: Refer to the **User Account Setting** section for User Account information.





Main Console



Log Out/Exit Program/Minimize Window



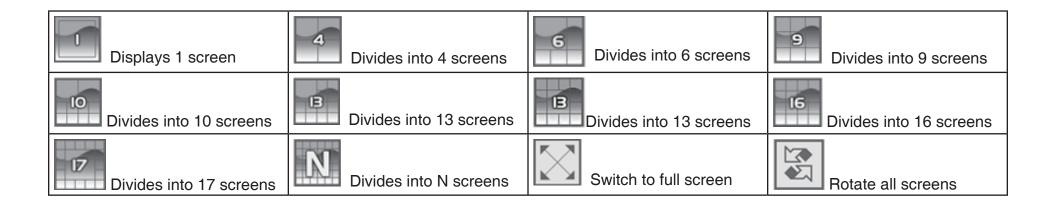
Click to log the current user out or to close the D-ViewCam Standard/ Professional/Enterprise program.



Click to minimize the window.

Split Screen Options

Select a split-screen display layout by clicking on the desired layout icon. The system provides 1, 4, 6, 9, 10, 13, 16, 17 and N split screen modes. To switch to a single camera display, double-click the camera's image. To return to the previous configuration screen, press the **Esc** key or double-click on the screen again.



Monitor



Option	Function	
Start/Stop Monitor All	Click to start or stop all monitoring functions.	
Start/Stop Recording Schedule	Click to start or stop the recording schedule.	
Start/Stop Smart Guard System	Click to start or stop the smart guard system.	
Enable Secondary Display	Click to enable secondary monitor display.	
Open Event Report	Click to open the event report which will log any events.	
Open E-Map	Click to open E-Map which monitors all devices with map indicators.	
Open I/O Control	Click to open the I/O control window, monitor DI/DO, and manual triggering of DO devices.	
Lock System	Click to lock the system.	

D-Link D-ViewCam Standard/Professional/Enterprise User Manual

Section 3 - Configuration

Notes:

1. To automatically activate the Recording Schedule and Smart Guard when the MainConsole starts, go to **General Setting > System Setting > General > Startup** to setup the auto-startup functions.

2. The secondary monitor will still retain and display all the functions (for example Event Report, E-map, Resource Report or IO controls) that are opened in the Main console, even if you exit the Main Console.



Monitor

Click **Start Monitor** and select from the menu to start/stop recording schedule or the guard system features. You can also open monitor tools such as event report, E-Map, I/O control, and system lock.



Playback

Click on this icon to view the Playback Console. You can watch recorded video, search video, adjust the image of the stored data, save videos/pictures, print images, check log information, event records, and set up recording function. See the **Playback** section for details.



Schedule System

Click to organize the recording time schedule and configure recorder settings. See the Schedule System section for details.



Smart Guard System

Click to add/edit type(s) of events that you want to detect and setup action(s) responding to events. See the **Smart Guard System** section for details.



General Setting

Select to modify system settings, user account settings, save/ load configuration settings, open license manager, access log viewer and backup files, and configure network services. See the **Configuration** section for details. **Note:** User Account and License Manager can only be enabled for users with administrator privileges.

System Information Window

Displays the Current Date, Current Time, Free Disk Space, Network Camera Bitrate, and User Defined Text.

PTZ Features

PTZ Camera Control

Use this function to control the movement of PTZ (pan/tilt/zoom) cameras. With cameras that support PTZ control, you can move, zoom, patrol, adjust the focus, and set preset points of the cameras.

Zoom

Click on the + sign to zoom in or click the – sign to zoom out.

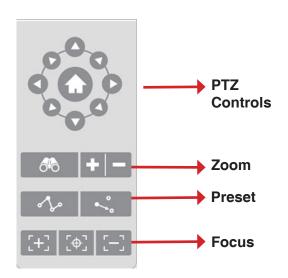
Preset/Go

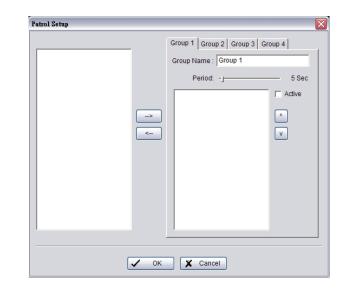
Allows you to adjust the camera view until you are satisfied. For example, click **Set** and set the preset point to 01. Adjust the camera view again and set the preset point to 02. Repeat the process until all preset points are set. You can assign a custom name to each preset. Click **Go** to view the results of your setting.

Note: To adjust the speed settings of PTZ camera, go to **General Setting** > **Setting** > **PTZ Config**.

Patrol

Go to **Add Preset Point** > **Set Patrol** to bring up the Patrol Setup dialog. From the left window, select the camera(s) that you would like to have in the patrol group. Align the cameras in order in the right window and adjust the time. Rename the group name if you want. After completing the setup, check the Active option, and then click **OK**.





Section 3 - Configuration

You can set up up to four groups of auto patrol. To start or stop, click on the **Go to Preset Point** icon in the Main Console, and select **Start Patrol** or **Stop Patrol**.

Auto Pan

Go to **Go to Preset Point** and click on **Start AutoPan** to enable auto pan. Click on **Stop AutoPan** to stop. Auto Pan enables the camera to scan an area horizontally from left to right or right to left.

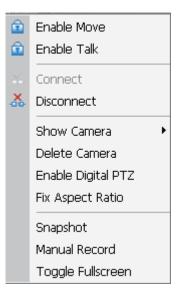


Focus

You can select to focus the camera near, far, or have it auto focus. Click on the + sign to focus near, click on the - sign to focus far, and click on the center icon to auto focus. To focus near means objects that are closer will be clearer than the objects that are further away. In contrast, to focus far means objects that are further will be clearer than the objects that are closer. Click on the **Focus** icon and select auto focus if you want the system to decide the focus point for you.

On Screen Menu

Right-click on the camera screen to view the **On Screen** menu, from which you can quickly adjust the settings of your camera.



Enable Move

With cameras that support PT function, click **Enable Move** to adjust the current camera's view by clicking on the display screen. To cancel this function, right-click on the screen and select **Disable Move**.

Enable Talk

With cameras that support two-way audio, select Enable Talk.

Connect/ Disconnect

Right-click on the display screen and select **Connect/Disconnect** to modify the connecting status of the camera.

Show Camera

Select the camera from the **Show Camera** menu to display video on selected window. A list of cameras will be displayed in the right column of the monitor display.

Delete Camera

Click **Delete Camera** to remove a camera from the display window.

Enable Digital PTZ

To enable the PTZ functions of the camera, select **Enable Digital PTZ**. Use the mouse wheel or click on the + and – signs to zoom in and zoom out on the camera. The screen flashing in the video grid indicates the corresponding view of the camera.

Fix Aspect Ratio

Enable Fix Aspect Ratio to view the original ratio video or disable this option to stretch 3:4 to fit window.

Snapshot

Select the snapshot function to capture a screen shot of the current video. You can either copy this image to the clipboard or save it. You may select the OSD option to export the image with date/time and camera number/name information. If the digital PTZ function is enabled, you can select either **Full size** or **Selected region** as your snapshot region.



Manual Record

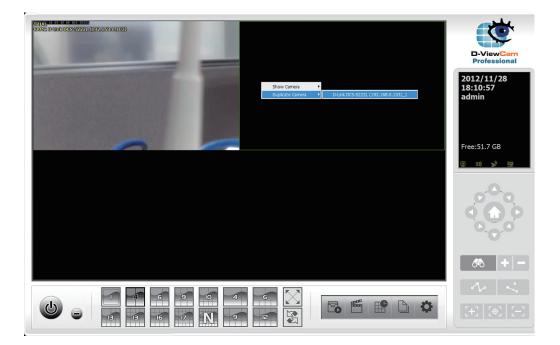
Select to start recording video.

Toggle Fullscreen

Select to view live video(s) in fullscreen. Press ESC to go back to the original window.

Duplicate Camera

To duplicate the feed from a camera, right-click on a blank area of the screen and select **Duplicate Camera**. Select the appropriate camera to duplicate the feed from. The duplicate view from the camera will then be displayed adjacent to the original view.



Live Display

Live display allows you to change channels and screen divisions on the Main Console and secondary monitor. Each screen division will have the same display list, but different sequence. The maximum number of screen divisions supported by the Main Console and secondary monitor is 64. For example, when using **Show/Delete Camera** to edit the camera list, the administrator can apply this function to all different screen divisions. Refer to the **On Screen Menu** section for more information on Show/Delete Camera.

Note: The camera list of all divisions is the same as the right column of monitor display on **General Setting > Setting** window. This means, two monitors could have two different lists.

Action	Current Division	Other Division
Show camera (add cam 1)	1	Add to first free channel
Duplicate camera (duplicate cam 2)	12	Add to first free channel
Delete camera (delete cam 2")	12	Remove cam 2 and keep channel free

When using mouse to drag camera channel, the sequence change would only apply to original division.

Original	Action	Current Division	Other Division
1 2 3 4	Drag cam 1 to cam 4	4 2 3 1	No change in sequence

Right click on the camera screen and get the On Screen Menu, from which you can quickly adjust the setting of camera.

Configuration

Click 🗘 to configure your settings.



Startup	Storage	Status Display
Main Console	Location	Current Date
Schedule Recording System	C:\Program Files\D-Link\D-ViewCam Profes	Current Time
Smart Guard System		✓ Login User
Live Streaming Server		
Remote Playback Server	E Englis District and Delegan	Free Disk Space
Remote Desktop Server	Enable Disk Load Balance	🔲 IP Camera Bitrate
Central Management Service	Automatic Recycle:	User Defined Text 1
Full Screen		
Auto Lock System	Recycle when disk space is	
Auto Login	less than 10 %	User Defined Text 2
Setup	C Only keep video for 7 days	
	Log Recycling	
Miscellaneous	Audio Preview	Auto Reboot
Automatically popup event report	Default Channel (Not Used) 🔻	🗖 Enable Auto Reboot
Minimize to system tray Remain Smart Guard	Enable Audio on Active Channel	Every Day 🔽
Synchronize video frames	Volume	at 01:00 AM 💌
DDNS Service		

General

Go to General Setting > Setting > System Setting > General.

Startup

Main Console: Select to view the Main Console system at startup.

Select the functions and network services that should activate automatically.

Full Screen: Select to launch video in fullscreen.

Auto Login Setup

Auto Login: Select Auto Login and then click Setup to view the Auto Login Setup window.

Enter the **User Account** and **Password** to login automatically when the system starts. Enable **Minimize after login** to minimize the Main Console window after login.

E Pahadula Dasardi	na Puotom
C Schedule Recordi	ng aystern
Smart Guard Syste	em
🗖 Live Streaming Se	rver
🥅 Remote Playback	Server
🗖 Remote Desktop :	Berver
🦵 Central Managem	ent Service
🗖 Full Screen	
🥅 Auto Login	Setup

Auto Login Setup					×
User Account:		_			
Password:					
Password Confirm:					
🔽 Minimize after log	inj				
[~	ок	×	Cancel	

Storage

Location: Assign a default folder for the system to store data. It is recommend not to save to the system drive (C:\) to avoid an efficiency drop when free storage is low.

	New	Click to add a new location. Click the to browse to a folder. Click OK to save the location.
X	Delete	Highlight a location and then click Delete to remove the file.
	Move Item Up	Highlight a location and click Move Item Up to move the location higher in the list.
	Move Item Down	Highlight a location and click Move Item Down to move the location lower in the list.

wCam Prof	
10	%
7	days
1.	uuyo
ecvclina	
	s 10 7 Recycling

Enable Disk Load Balancing: If you have more than one drive available for recording, you may check this to evenly distribute the recording onto multiple drives. This will increase the system efficiency.

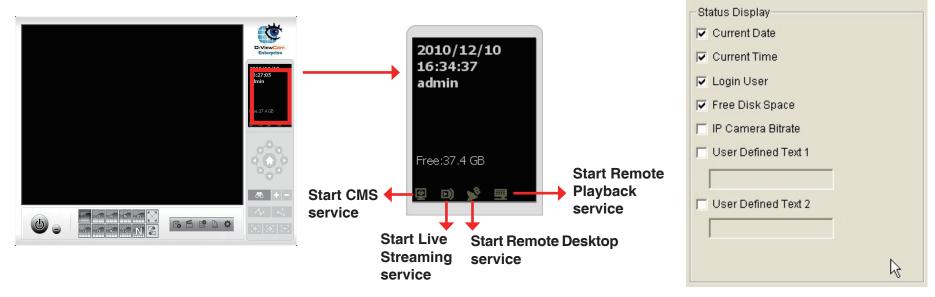
Automatic Recycle: The system will automatically delete out-dated data to save storage space.

- **Recycle when disk space is less than:** Select and enter the available space (in MB). When the available space in the default folder is less than the entered value, the system will begin storing data in another folder specified in the location list. If all the folders exceed their storage capacity, the system will start recycling in one hour.
- Only keep video for: Deletes video records that are older than the number of days set. If the default storage space is exhausted (disc space is less than 1200 MB), the system will start recycling in an hour's progress.
- Advanced Recycling Setting: Click Log Recycling to keep specific or all event logs for specified time interval.
 - 1. Event Log: Delete the event log data that is older than the number of days set.
 - 2. System Log: Delete the system log data that is older than the number of days set.
 - 3. Resource Report: Delete the Resource report data that is older than the number of days set.

Event Log		
C Keep event log within interval of video files		
Keep event log for	7 days	
System Log		
C Keep system log within interval of video files		
Keep system log for	14 days	

Status Display

Select the information that you wish to display on the Main Console such as **Current Date**, **Current Time**, **Free Disk Space**, **Network Camera Bitrate**, and **User Defined Text**.



Miscellaneous

Automatically Popup Event Report: The Event Report will automatically popup when events have been detected. Make sure to stop the Smart Guard system before you modify this setting, otherwise the modification will not take place.

Minimize to system tray: Enable this option to display an icon in the task bar.



Note: Enter the username and password of the Main Console when you click the minimized icon in the task bar to start monitoring.

Synchronize video frames: Select to prevent tearing that may occur in the video display. However, this will increase the CPU processing load.

Section 3 - Configuration

DDNS Service: Dynamic Domain Name Server (DDNS) allows you to use Live View or Web View to connect to the Main Console using the Internet even if you have a dynamic IP address.

Click DDNS Service to open the Dynamic DNS Setup window.

Update the following fields - Provider, User name, Password and Host name, and Update period.

Audio Preview

Default Channel: Select the audio channel that you wish to hear from.

Enable Audio on Active Channel: Select the Enable Audio on Active Channel to hear the audio from the selected video channel on each video grid of the Main Console. The default channel plays if the video channel isn't selected.

Volume: Use the volume bar to adjust volume.

System plays audio of the default channel

5 E P

0



010/12/10

16:27:05

ee:37.4 GB

System plays audio of the selected channel



Dynamic DNS Setu	IP	X
🔽 Enable DDN	IS	
Provider	DtDNS	
User name		
Password		
Host name		
Update period	16 minutes	
 Image: A start of the start of	OK X Cancel	_

Auto Reboot

Select Enable Auto Reboot and set the day and time to reboot the system.

Note: Please enable Main Console, Auto Login, and other functions in the Startup section to ensure that the system runs normal after auto reboot.

🔽 Enabl	e Auto Reboot	
Every	Day	•
at	12:00 PM	•

Camera

Go to General Setting > Setting > System Setting > Camera.

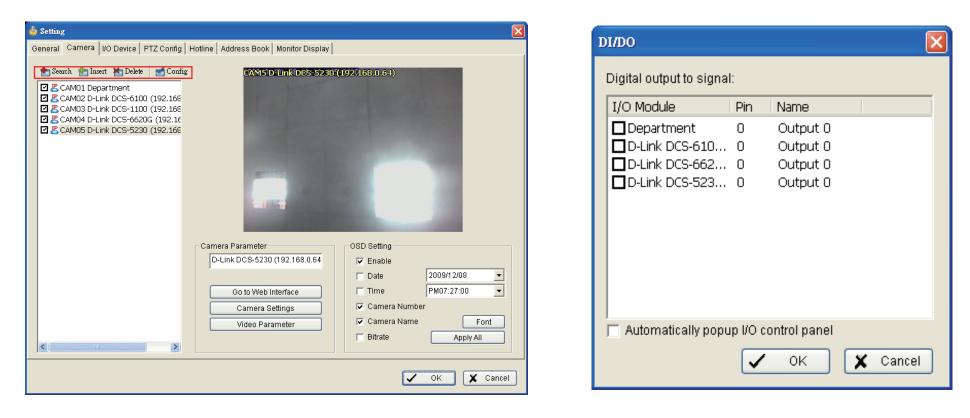
Add Camera

The Search, Insert, Delete and Config functions are included in the Setting window.

Search: Click **Search** to open the **Search Network Camera** window. The system will start scanning automatically once the window is opened. You may manually stop scanning by clicking **Stop Scan**.

Enter the user name and password for each Network Camera found and click **OK** to add it to the camera list.

Drag the mouse to multi-select the cameras and then insert the username and password. The username and password will be applied to all the selected cameras automatically.



Insert: Click to open Network Camera / Video Server Setting and add network cameras to the list.

Delete: Click to remove the selected network camera(s) from the system. Click OK to finalize the modification.

Config: Click to open Network Camera / Video Server Setting. Here, you can modify the network camera settings.

Network Camera / Video Server Setting

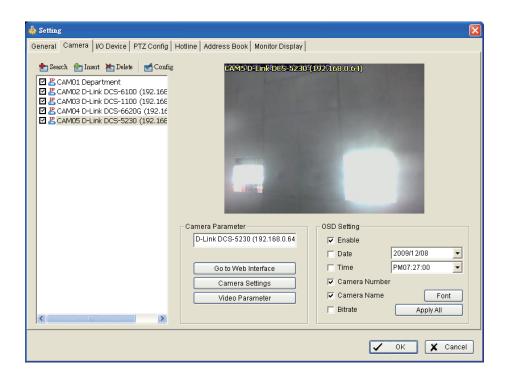
Network: Update the fields, including **Name**, **IP Address**, **Http Port**, **User Name**, **Password** and **Protocol** referring to the instructions provided by the camera manufacturer. Select **Use DNS** to use domain name instead of IP address.

Device: Choose the network camera manufacturer from the drop-down menu. Click **Auto Detect** and the model name will be displayed in the list.

Description: Displays information about the device.

Camera / Video Server S	Setting	×
Network		
Name:	DCS-7110	
IP Address:	192 . 168 . 50 . 108 🗖 D	NS
Http Port:	443 🔽 H	TTPs
User Name:	admin	
Password:		
Protocol:	O TCP O UDP O HTTP	
Derive		
Device		
Vendor:	D-Link 🚽 Auto	Detect
Camera Model:	DCS-7110 🔻	
Video Channel:	✓ 1	
Description		
Video Codec:H264 MF	PEG4 MJPEG	
Audio Codec:N/A		
Camera:1, DI:1, DO:1		
	🗸 ОК	X Cancel

Camera Parameters



Camera List: Displays all the cameras that are connected to the system. Click the name of the camera to edit the settings.

Camera Name: Name the camera for your convenience.

Go to Web Interface: Go to the web-based interface of your camera to configure the settings (optional).

Camera Settings: Edit the camera's parameters given by the camera vendor. Refer to the next page for more detailed information.

Video Parameter: Adjust the video's brightness, contrast, saturation, and color hue values.

Camera Settings

Camera Settings	×
-Image Quality	
Video Format:	○ MJPEG ○ MPEG4 ⓒ H264
Frame rate:	30
Resolution:	1200x900 🔻
Bitrate Mode:	Fixed quality
Bitrate:	2M 👻
Quality:	j Excellent
Stream ID:	
- Image Adjustment	
Enable Flip	
Enable Mirror	
Audio	
Enable Microphone	
Enable Speaker	
Fish eye setting	
Mount Type	Desktop 💌
Display mode	2P 💌
	✓ OK X Cancel

Video Format: Select the video format for the footage.

Frame Rate: Select the frame per second.

Resolution: Select the resolution.

Bitrate Mode: Select the bitrate mode.

Bitrate: Select the bitrate amount.

D-Link D-ViewCam Standard/Professional/Enterprise User Manual

Image Adjustment: Enable image to be flipped or mirrorred.

Audio: Enable microphone or speaker if your camera has these features.

Fish eye Setting (for fish eye cameras only)

Mount Type: Select whether the camera is being mounted on a wall, ceiling, or on a desktop.

Display Mode: Select the display mode from 1O (fisheye mode shows the full camera view), 1R (normal mode shows a view similar to a standard camera), 2P (panoramic mode shows a full 180-degree mode across 2 panels), 1O 3R (multi-view with Fisheye mode shows a multiple window view with fisheye in the top-left panel), and 4R (multi-view).

OSD (On-Screen Display) Settings

Ch	oose Font		X
	-Foregroun	d	
	Font:	🛽 🛨 Tahoma 💽	
	Size:	9 💌	
	Color:		
	🔽 Bold	🔽 Edge	
	Backgrour	id	
	Color:		
	Transpar	ency: 210	
		Default	
		OK Cancel Apply	

Select the information that you wish to see on the on-screen display. Click **Font** to select the font style.

I/O Device

Go to General Setting > Setting > System Setting > I/O Device.

🎄 Setting						×
General Camera VO Device Se Module: Device: COM Port: ID: Module Popart Polink D D-Link D	titing D-Link DCS-66206 (19: SCB-C24 COM10 Addr03 COM10 Device ID P Camera IP Camera IP Camera IP Camera	Address Book		olay Dutfoutput pins of sele Input 0 Name Input 0 Output 0	ected I/O module Type: N/O Signal Type N/O N/O	
Digital Input	Monitor		Digital C	output Simulation		
					🗸 ок	🗶 Cancel

I/O Device Setting:

- Module: Name of the module and ID of the digital input/output device(s) that is connected to your system.
- Device: This column displays the device(s) already installed to the system.
- ID: Select the I/O port.

Input Monitor: The device(s) is turned on if the dot is in red. By triggering the digital input device, the related icon will light up. This is used to check if the device is correctly connected or not.

Output Monitor: The device(s) is turned on if the dot is in red. By clicking on the icon, you may trigger the digital device connecting to the system. This can be used to test if the output device is correctly connected.

Device Setting

Name: Insert the name of the device (input and output). **Type:** Select the device type from the drop-down menu.

- 1. N/O: Normal Open
 - 2. N/C: Normal Close
- D-Link D-ViewCam Standard/Professional/Enterprise User Manual

PTZ Config

Go to General Setting > Setting > System Setting > PTZ Config.

🖕 Setting	
	Config Hotline Address Book Monitor Display Basic Setting Camera Model: Pelco D Com Port: COM1 Baud Rate: 2400 Address: Addr.00 Address: Addr.00 Medium Tilt Speed:
	OK X Cancel

Select a PTZ camera from the list to activate the PTZ control function.

Basic Setting

Select the camera model, com port, baud rate, and address of your PTZ camera.

Note: If your camera model is a network camera, the PTZ function will work without the com port, baud rate, and address settings.

Advanced Setting

Adjust the pan speed, tilt speed, and zoom speed settings by dragging the bars.

Miscellaneous

Patrol Group: Click to setup a patrol group.

From the left window, select the camera(s) that you would like to have in the patrol group. In the right window, align the cameras in order and adjust the time. Rename the group name if you want. After completing the setup, select **Active** to trigger functions such as **Auto-tracking** and **Login** of the camera, and then click **OK**.

You can set up to four groups of auto patrol. To start or stop, click **Patrol** in the Main Console, and select **Start Patrol** or **Stop Patrol**.

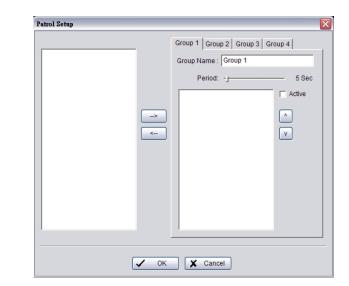
User-Define Preset

Step 1: Enter a Preset Name.

Step 2: Enter the Preset Number.

Step 3: Click OK to save your preset.

Click **Add** to add a new preset. Select the preset you want to remove and click **Delete**, or highlight a preset and change the preset name and/or preset number and then click **Update** to save.



Us	er-De	fined Preset Di	ialog	X
	-Cor	figuration		
	F	Preset Name:	function 4	
	Pre	eset Number:	70	
		Add	Delete Update	
	ID	Name	Preset	
	1	point 17	80	
	2	function 1	99	
	4	function 2 function 3	95 65	
	5	function 4	70	
		🗸 ок	🗶 Cancel	

Hotline

Go to General Setting > Setting > System Setting > Hotline.

& Setting	r .		X
General Camera VO Device PTZ Config Hotline Address Book	Monitor Display		
E-Mail	GSM modem		
*SMTP Server: 25	Port:	None	
*E-Mail Sender:	Baud Rate:	115200 🚽	
E-Mail Subject:	PIN Code:		
Body Content:	Interval:	1 minutes	
	Send a test mess	sage to:	
SMTP server needs authentication			
User Account:		Test	
Password: Send Test Mail			
		V OK X Can	cel

Use this window to configure the Hotline settings when an unusual event is detected.

E-Mail: Enter the following information - SMTP server, port, sender's e-mail address, subject title, body content and SSL for encrypted transmission. Click **Send Test Mail** to test the settings.

GSM modem: Set the **Port** and **Baud Rate** of the GSM modem device, and then enter **PIN** code. You can also enter the time for sending a SMS message. Click **Test** to send a test SMS message.

Note: The Interval is set to restrict the time period while sending two SMS messages. For example, if you set as 60 min, the SMS sent between 60 min will be deleted and not sent to the user.

Address Book

Go to General Setting > Setting > System Setting > Address Book.

Use this window to update name, phone number and e-mail address information. When an unusual event is recorded, an e-mail notification will be sent out by the system.

🖕 Setting		State
General Camera I/O Device PTZ Conf	g Hotline Address Book Monitor Display	
Please input the name and contact infor	nation	
User Name: Michael		
Phone: 555-11231	25	
E-Mail: mike@hotl	ne.com	
Description:		
Add	Clear Modify Remov	'e
Contact persons		
User name Phone	E-Mail Description	
Thichael 555-1123125	mike@hotline.com	
,		
		V OK X Cancel

Monitor Display

Go to General Setting > Setting > System Setting > Monitor Display.

General Camera W0 Device PTZ Config Hotline Address Book Monitor Display Nun Playback on Monitor Image: Secondary Image: Seconda	Run Playback on Monitor 1 Primary Secondary 1 01 D-link 6620 1 Primary Auto Scan Primary Primary Channel
	> > Auto-scan Interval 2 sec. Layout NxN Type: 6x6

Playback Option: Execute Playback feature on the secondary monitor by selecting the **Secondary** tab. Make sure to adjust your computer display settings (supports 800x600, 1024x768, 1200x900, 1280x1024 and 1600x1200 monitor resolutions) in advance to avoid system error.

Cameras List: The left column displays a list of all available cameras. Highlight the camera and click --> to move the camera to the right column. The right column will display the primary and secondary cameras. These cameras will be available for the auto-scan function.

Auto Scan: Activate auto scan to rotate the channels/cameras on the display screen.

For example, you may select to show only 4 sub-screens on the Main Console while having 16 channels connected to the system. With auto scan function, you will be able to see all the 16 channels. You can set up a primary channel that will always be on the screen and a secondary channel that has secondary priority.

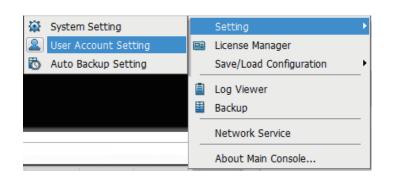
User Account Setting

Go to General Setting > Setting > User Account.

Only an administrator can manage user accounts. From the Privilege list, highlight each account to modify.

Note: The system by default, will display the account group's default privilege profiles. Enter a Name and Password to create a new account, or

click an existed account to modify his/ her privilege.



User name	Group	Description	Privilege:
admin	Admin	Administrator	Function Login Main System Exit Main System Configure Main System Start/Stop Operation Start/Stop Network Service Local Backup Delete Recorded Files Remote Login
User Account			
User Name:			Minimize Main System
Group:		User 🗸	ianie Device ianie Camera
Description:			⊢ ✓ D-IInk 6620
Password:			Remote Access
Password Confir	m.		
Disable User	Account		🖃 🦉 Digital Output
Keep remote		3 minutes	 □ □ □ − link 6620-Output 0 □ □ Access □ □ Remote Access
			Add Delete Default Update

There are 3 default profiles for account groups:

Admin: The Administrator has privileges to all system functions and devices, except add/delete/update privileges of other users. **Power User:** A user has limited privileges to system functions and complete privileges for assigned devices.

User: Privileges for all the system functions are forbidden, user can only manage devices.

Add: Click to create a new account after updating the information.

Delete: Click to delete the account.

Default: Click to go back to default privilege settings of a related user group.

Update: Click to save the modifications of each account.

User Account

To create and modify user accounts.

User Name: Enter a name.

Group: Assign a group for each user.

Description: Enter a description.

Password: Enter the password assigned to the user.

Password Confirm: Enter the password again for confirmation.

Disable User Account: Select to block this account.

Note: Only the default admin account cannot be disabled.

Keep remote login for____minutes: Enter the duration to auto logoff after logging in from Remote Live Viewer or Remote Playback.

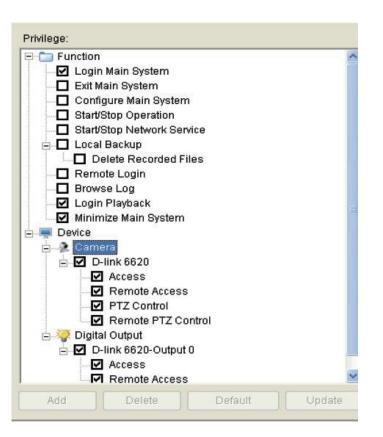
Privilege

Select to set privileges for each user account.

Function: Set the system configuration, and privileges for remote access.

Device: Set device privileges for camera, digital output and client applications.

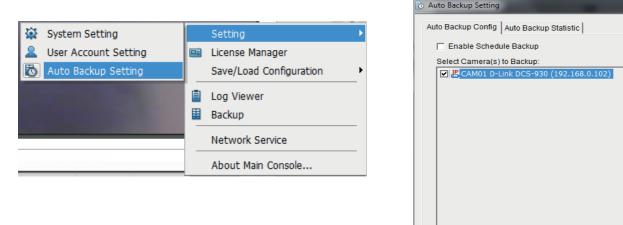
User Account	
User Name:	
Group:	User 💌
Description:	
Password:	
Password Confirm:	
🔲 Disable User Account	
🔲 Keep remote login for	3 minutes

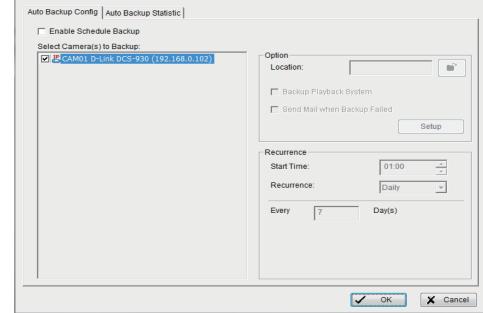


Auto Backup Setting

Go to General Setting > Setting > Auto Backup Setting

To configure your system to automatically back up video data.





There are 3 main options in Auto Backup config:

Enable Schedule Back Up: Check to enable the backup process. Select Camera(s) to Back Up: Select the camera to back up.

Option: Select options for backup.

- Location: Define backup route.
- Backup Playback System: Check to backup the playback application with each process.
- Send Mail when Backup Fails: Check to receive an email notification when backup fails. Click Setup for email configuration. Select one or more contacts from the address book and configure customized message content.
- **Recurrence:** Choose start time and Recurrence: Daily or Weekly modes.

There are 4 main fields in Auto Backup Statistic:

Current Backup Status: Displays whether the backup is underway, idle, or awaiting retry. **Next Backup Start Time:** Displays the scheduled time for next backup process.

Next Retried Process Time: Displays the scheduled time for next backup retry process.

Last Backup: Displays information about the most recent backup.

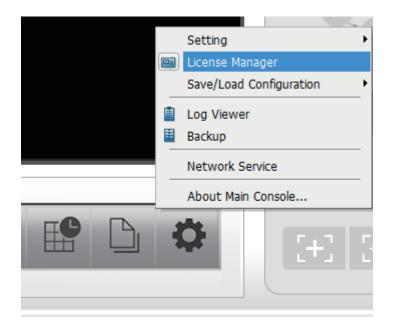
- Last Backup Start: Displays the time and date the last backup started.
- Last Playback Stop: Displays the time and date the last backup was completed.
- **Backup Video Period:** Displays the total time that the last backup took to complete.
- Backup Size: Displays total file size of last backup.
- **Backup Result**: Displays the result of the last backup.

to Backup Config Auto Backup Statistic		
Current Backup Status:	N/A	
Next Backup Start Time:	N/A	
Next Retried Process Time:	N/A	Refresh
Last Backup		
Last Backup Start:	N/A	
Last Backup Stop:	N/A	
Backup Video Period:	0 min 0 sec	
Backup Size:	0.00 GB	
Backup Result:	Complete	

License Manager

Go to **General Setting > License Management** in the Main Console to activate the license. The serial number can be found on a sticker, located inside the CD case.

Note: Please refer to the License Management Tool section for details.



[
	Activate

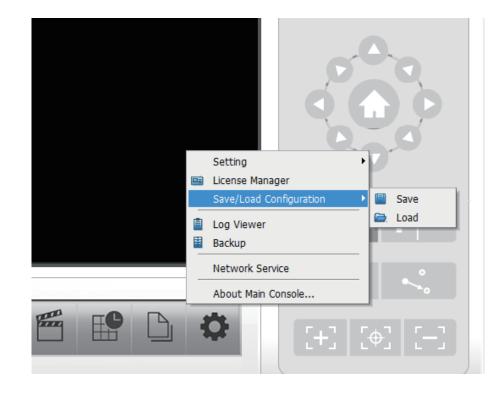
Save/Load Configuration

The Save/Load Configuration function allows system users to save any specific setting as a .cfg (config) file. You may save several different .cfg files at any time.

Save Configuration: To save a specific setting, go to **General Setting** > **Save/Load Configuration** > **Save**. In the popup window, type in the file name and then save it as a .cfg file.

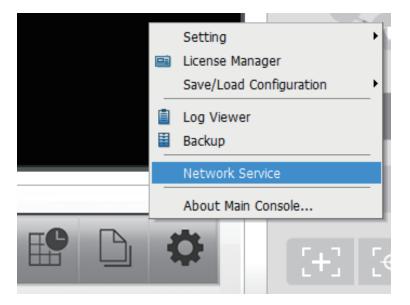
Load Configuration: To load a specific setting, go to **General Setting** > **Save/Load Configuration** > **Load**. In the popup window, go to the directory that you saved the .cfg file at, select any one of them and then click **OK** to load the file.

Note: The Main Console will be automatically shutdown after loading a new configuration. Please re-start the Main Console manually.



Network Service

There are 4 types of network services: Live Streaming Server, Remote Playback Server, Remote Desktop, and Central Management. From the Main Console, go to General Setting > Network Service to open the Network Service window.



Live Streaming Server

With Live Streaming, the system allows remote users to log in to a specific computer and view cameras that are connected to it. As a System Administrator, you can monitor these accounts in order to maintain the efficiency of the system.

Main

From the Live Streaming Server window, administrators can view all the clients who have logged in. It also enables Administrators to view live video from a remote location.

Client List

Client Count: Shows the number of channels that are connected. **Kill:** Highlight an IP address and click **Kill** to block the client from your client list.

Kill All: Click to block all the clients that are currently logged in to your system.

Service

Server Status: Click Start/Stop to turn on/off the server.

Options

To modify this section, click **Stop** to stop the server.

Port: Assign a port for the client to connect to your system via **Remote** Live Viewer. Default port is **5150**.

Maximum Connections: Number of connections that are allowed to connect to the system. The maximum is **128**, one camera video counts as one connection.

Use Default Web Server: Activate the Web server by selecting this box. Clients will be able to watch live video via Internet Explorer. The default port for live streaming server is **80**.

Save Log: Select to save the current log information to your computer. **Enable Audio:** Select this option to enable audio transmission along with video stream.

Network Service -	192.168.4.72
	Main Black / White List Performance
Live Streaming	Client Count 0 Kill Kill All
E	State IP Carnera Bitrate (Kbps)
Remote Playback	
Remote Desktop	Service Server Status: Stopped Start Stop
	Options
Central Management	Port: 5150 Default Maximum Connections: 128
	✓ Use Default Web Server
	Port: 80
	✓ Save Log
	Enable Audio
	OK X Cancel

Live Streaming - Black / White List

Network Service -	- 192.168.4.72	×
Ē	Main Black / White List Performance	
Live Streaming	Enable White List	_
E	192 . 168 . 6 . 1 to 192 . 168 . 6 . 50	
Remote Playback	Add to White List Add to Black List Delete	
1	ID IP Range Access	-
Remote Desktop	0 192.168.5.1 - 192.168.5.201 Accept	
Central Management		
	Apply to All Network Servers	
	V OK X Cano	;el

Enable White List: Select to activate the white list filter. Only IP address from this list is allowed to log in.

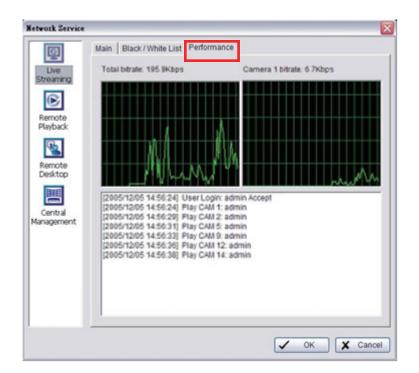
Enable Black List: Select to activate the black list filter. The IP address from this list will be blocked.

IP Address: Enter an IP address or two sets of IP address to indicate a series of IP addresses.

Add/Delete: To add the IP address into the list or to remove from the list.

Apply to All Network Servers: Click to apply these settings to both Live Streaming Server and Remote Playback Server.

Live Streaming - Performance



This window displays the **Total bitrate** and individual **Camera bitrate** information.

Remote Playback Server

With the Remote Playback function, the system allows remote users to log in to a specific computer and withdraw data files that are stored. As a system administrator, you can monitor the accounts logged in to maintain the system efficiency.

Main

This window displays all the clients who are currently logged in and watching a playback video from a remote location.

Network Service -	
Live Streaming Remote Playback	Main Black / White List Performance User Count 0 Kill IP User Bitrate (Kbps)
Remote Desktop EEE Central Management	Service Server Status: Stopped Start Stop
	Maximum Users: 64 Vote Default Web Server Port: 80
	V Save Log

Client List

User Count: Displays the number of users that are connecting to the system.Kill: Highlight an IP address and click Kill to block the client from your client list.Kill All: Click to block all the clients that are currently logged in to your system.

Service

Server Status: Click Start/Stop to turn on/off this service.

Options

Port: Assign a port for clients to connect to your system via Remote Playback. The default port is 5160.

Maximum Users: Number of connections that are allowed to connect to the system. The maximum is **64**. **Note:** A single user logged in to the server is considered as one account.

Use Default Web Server: Activate the Web server by selecting this box. Clients will be able to watch live video via Internet Explorer. The default port is **80**.

Save Log: Save the current log information.

Note: Ensure that the server is stopped before making any changes.

Network Service - 192.168.4.72									
ē	Main Black/White List Performance								
Live Streaming	User Count 0 Kill Kill All								
Remote Playback	IP User Bitrate (Kbps)								
Remote Desktop Central Management	Service Server Status: Stopped Start Stop Options Port: 5160 Default								
	Maximum Users: 64 I Use Default Web Server								
	Port: 80 Save Log RemotePlayback.log								
	OK K Cancel								

Remote Playback - Black / White List

Network Service	- 192.168.4.72	X
Q	Main Black / White List Performance	
Live Streaming	Enable White List	_
	192 . 168 . 8 . 1 to 192 . 168 . 8 . 20	
Remote Playback	Add to White List Add to Black List Delete	
N errota	ID IP Range Access	-
Remote Desktop	0 192.168.6.1 - 192.168.6.10 Accept	
Central Management		
	Apply to All Network Servers	
	✓ OK 🗶 Can	cel

Enable White List: Select to activate the white list filter. Only IP address from this list is allowed to log in.

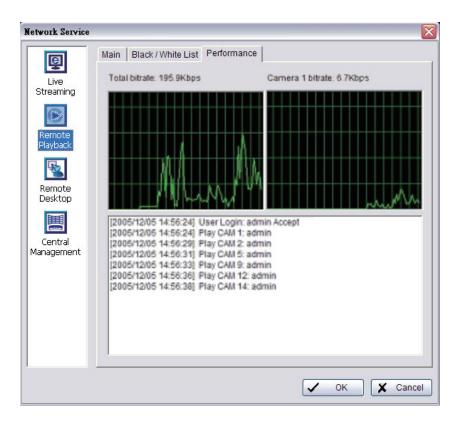
Enable Black List: Select to activate the black list filter. The IP address from this list will be blocked.

IP Address: Enter an IP address or two sets of IP address to indicate a series of IP addresses.

Add/Delete: Add the IP address into the list or remove from the list.

Apply to All Network Servers: Click to apply these settings to both Live Streaming Server and Remote Playback.

Remote Playback - Performance



This window displays the Total bitrate and individual Camera bitrate information.

Remote Desktop

This window allows remote users to use Remote Desktop Viewer to login and configure the system. Refer to the **Remote Desktop Viewer** section to install and use this tool.

Options

Port: Assign a port for Remote Desktop Viewer, so that users can login and configure system. **Disconnect idle client after (300~3600 sec):** Auto disconnects an online user who is idle for more than the specified time period. **Authentication:** Enable this option to allow only an administrator to login into the system.

Server Status: Click Start/Stop to turn on/off this service.

Network Service -	- 192.168.4.72	×
Live Streaming Remote Playback Remote Desktop Central Management	Main Options Port: 5140 Disconnect idle client after (300~3600 sec.): Authentication Enable User Authentication (Use admin password) Service Server Status: Stopped	
	V OK 🗶 Cancel	

Central Management System

This service only supports Central Management System (CMS). With this service, the Main Console will send event information to CMS and allows the CMS system to control the I/O device from a remote location. To enable this action, go to **Configure Smart Guard System** > **Action** and select **Send to Central Server**.

Client List

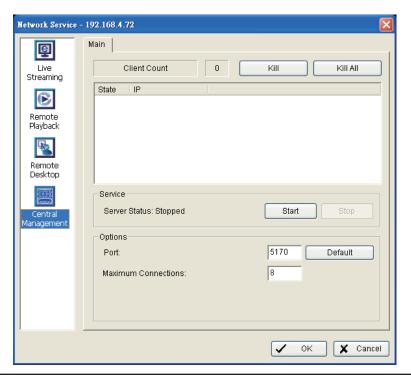
Client Count: Displays the number of CMS Servers that are connected to the system.Kill: Highlight an IP address and click Kill Client to block the client from your client list.Kill All: Click to block all the clients logged in to your system.Server Status: Click Start/Stop to turn on/off this option.

Options

Note: Ensure to stop the server before modifying the settings.

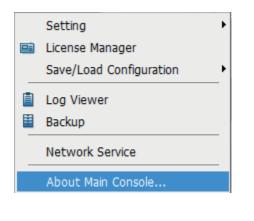
Port: Assign a port for the CMS System to connect to the Main Console system. Default port is 5170.

Maximum Connections: Number of connections from CMS Servers that are allowed to connect to the system. The maximum is **16**.



About Main Console

Go to **General Setting > About Main Console** to view the version of your D-ViewCam Standard/Professional/Enterprise software and model name information.





Schedule System

Click the **Configure Schedule System** icon on the Main Console to set up the time duration for video recording.



in Schedule Configuration							X
Load Marcopy to The second	Default 0 Camera1 Camera2 Camera3	1 2 3 4		9 10 11 12 13 14	15 16 17 18 1	9 20 21 22 23 24	.
- 🔄 02 Camera2 - 😇 03 Camera3 - 😇 04 Camera4	Camera4				*****		
	Ensert K Delete	me Record FPS	S Quality	Resolution			Y
	06:30 15:45	Always					
Default Custom							
					 	OK 🗶 Cance	el 🛛

Day Mode

Schedule the camera(s) to record video every day at the same time.

There are three ways to setup the time schedule for each camera:

- 1. Load a preset mode
- 2. Insert a new schedule manually
- 3. Copy to other cameras after the manual setup

	🌆 Schedule Configuration											×
1 -	Default Def	Default Camera1 Camera2 Camera3 Camera4		4 5 6	789	10 11 12	13 14 15		: 19	20 21	22 23	24
	04 Camera4	👉 Insert 📩 Dei	lete 🛃 Configure	3								Ŧ
		Start Time End 06:30 15:-		FPS	Quality	Resolution						
2	Default Custom											
								-	' 0I	<	×	ancel

Load Preset Modes

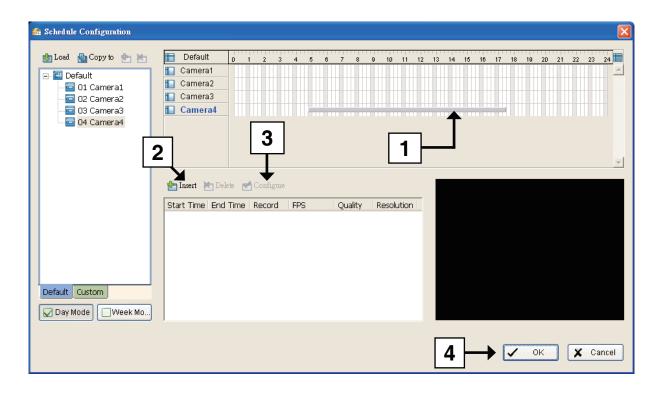
The system provides six modes to quickly setup the recording schedule. Click to select the preset mode. Refer to the following table for definitions of each mode in each series.

Mode	Format	Time	Record	FPS	Quality	Resolution
Regular	M-JPEG	0:00 - 24:00	Always	Max	Max	Max
	MPEG-4			Max		
Office	M-JPEG	8:00 - 20:00	Always	Max	Max	Мах
	MPEG-4			Max		
Shop	M-JPEG	10:00 - 22:00	Always	Max	Max	Max
	MPEG-4			Max		
Highly Secure	M-JPEG	0:00 - 24:00	Always	Max	Max	Max
	MPEG-4			Max		
Disk Saving	M-JPEG	0:00 - 24:00	Motion	10	Мах	Max
	MPEG-4			i-frame		
Minor	M-JPEG	0:00 - 24:00	Motion	5	Max	Max
	MPEG-4			i-frame		

Insert a New Schedule Manually

Step 1

Left-click and draw the bar you want to add to the time table. The scheduled time will be seen as a grey bar.



Step 2

Click **Insert** and add a new schedule in regular mode, i.e. to record video during the time period you set with 30 FPS, normal video quality, and normal resolution.

Step 3

Click on the **Configure** icon or double-click the schedule information to change the settings.

Step 4 Click OK.

Copy Schedule

You may set up the schedule for each channel/camera by repeating the process above, or simply apply the settings of a single camera to all the others by clicking the **Copy To** icon on the top of the display window.

Week Mode

Schedule the camera(s) for each day of the week. In addition, you may assign holidays under the Week Mode.

Default

Follow the same process to setup the schedule for every day in a week.

Holiday

You may assign holidays where the system will work according to the pre-defined Sunday schedule.

Custom

You can assign a particular date(s) for the system to work according to a special schedule(s).

旝 Schedule Configuration		X
🛃 Load 🔮 Copy to 📩 🦮	🛅 Camera4 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	3 17 18 19 20 21 22 23 24
🖃 🖃 Default	Sunday	<u> </u>
🗉 🚾 01 Camera1	Monday	
🗄 🚾 02 Camera2	Tuesday	
⊕ 🔤 03 Camera3	Wednesday	
🖻 📼 04 Camera4	Thursday	
- Monday	E Friday	
Tuesday	Saturday	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Wednesday		
- 🔟 Thursday	🚰 Insert 🌾 Delete 📷 Configure	
- 🚾 Friday		
🔤 🚾 Saturday	Start Time End Time Record FPS Quality Resolution	
Default Haliday Custom		
Default Holiday Custom		
🗌 Day Mode 🛛 📈 Week Mo		
		🗸 OK 🗶 Cancel

Adjust the Schedule Settings

You can manually change the settings at any time after you insert or load a schedule.

Option 1: Select the Time Bar and slide the bar to the left or right to change the start and end points.

Option 2: Click **Configure** or double-click on the schedule information (highlighted in blue) to open the **Encoding Options** window and modify the settings.

🌆 Schedule Configuration																								
Load Copy to E	Camera4 Sunday Monday Tuesday Wednesday Thursday Friday Saturday			2 3	4	5	6	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
- 🐨 Tuesday - 🐨 Wednesday - 🐨 Thursday - 🐨 Friday - 🐨 Saturday	📩 Insert Start Time End 04:15 15:0	Time	e Re		FPS	6	(1	Qualit	y I	Resolu	ution	<u> </u>												Y
Default Holiday Custom																		~	Oł	<		×	Са	ncel

Encoding Options

Encoding Options			
Original Video		Encoded Video	
Time	Mode		Video Encoder
Start Time: 00:00	Always Record		Keep original video format
End Time: 23:59 +			Adjust MJPEG video frame rate
Pre-record: 5 sec. (Max: 60)	C Record on Motion: Sensitivity	Normal	1
Post-record: 3 sec. (Max: 60)	Frame Interval		Keep key frame only (for MPEG4, H.264, MxPEG)
Audio	Rectangle Count: 0 (Max:		
Record Audio	All	ear Default	
			V OK X Cancel

Pre-record/Post-record Time

The pre-record/post-record function lets you save the recording data accordingly. For example, a 5 second pre-record means the system will start saving the recording 5 seconds prior to the event.

Note: The maximum recording period is 60 seconds.

Record Mode

Always Record

Select this option to record video continuously.

Record on Motion

Select this option to start recording when motions are detected. Please adjust the **Sensitivity**, **Frame Interval** and set up a detection zone to detect Motion. Frame interval is the interval in the number of frames between each check by D-ViewCam. To create a detection zone, left-click and drag the mouse to draw a rectangle on the display screen. To setup multiple detection zones, simply repeat the same process or click **All** to select the entire detection zone. **Note:** The number of detection zones cannot exceed 10.

Encoded Options

Use this option to configure the quality of video. The original video is the original stream from the camera and the encoded video is a preview of the recording video that correspond to the encode settings.

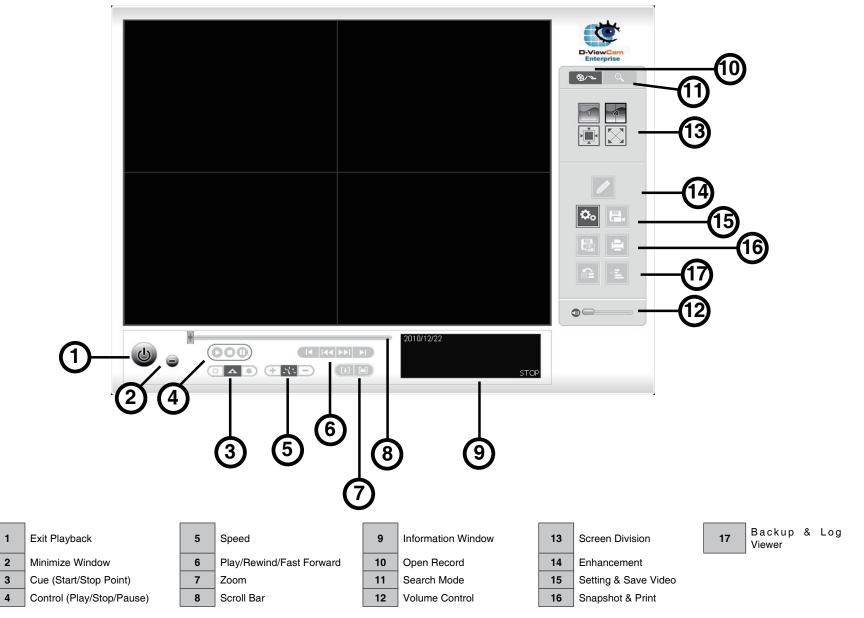
Keep original video format

Select this option to lower the frame rate but not re-encode the video stream to save Hard Drive usage.

- Adjust MJPEG video frame rate: Use the slider to reduce or increase the frame rate.
 Note: The maximum FPS (move the slider to the right) will correspond to the original video stream setup on camera configuration.
- Keep key-frame only: The System will record only the key frames of the streaming video. Note: The key frame interval is controlled by each camera manufacturer and cannot be adjusted.

Playback

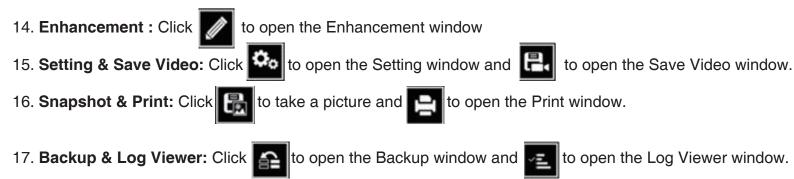
The Playback console allows you to watch recorded video, view and/or search for unusual events, and view recorded system information.



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Section 3 - Configuration

- 1. Exit: Click to close the Playback window.
- 2. Minimize: Use this to minimize the Playback console.
- 3. Cue: When playing video, click on the Cue In/Cue Out icon to set the starting/ending point of a saved video clip. The Cue In and Cue Out time will be displayed on the Playback Information Window.
- 4. **Control:** Use this to play, pause, and stop the video.
- 5. Speed: Control the speed of the playing video. Click + to speed up and to slow down.
- 6. Play/Rewind/Fast Forward: Use this to control the video.
- 7. Zoom: Use this to zoom in and out of the recorded video.
- 8. Scroll Bar: Indicates the status of the playing video; drag it to where you want to review.
- 9. Information Window: Displays video date and time, current video status, cue in/out points' time, and speed.
- 10. Open Record: Click to access Date Time.
- 11. Search Mode: Click to open Intelligent Search Tool.
- 12. Audio Volume Control: Use this to adjust the sound level.
- 13. Screen Division: Allocate the sub-screen display by clicking on the desired layout. To switch to a single camera display, double click on a particular sub-screen. Double click on the screen again to restore the previous screen division layout. To view in fullscreen mode, right click on the screen to enable **Toggle Fullscreen**.



Date Time

Go to **Playback** console and click **Open Record**



access the **Date Time Search Dialog**. Here, you can review video records.

🕒 DateTime Search Dialog [Local	Machine]			
・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	Date Time Perio Start Time: End Time:	2009/ 7/ 8 🔹 20:15:00	Video Preview E Enable Preview 20	09/07/08 20:15:11
28 12 13 14 15 16 17 18 18 19 20 21 22 23 24 25 31 26 27 28 29 31 1 32 2 3 4 5 6 7 8 Show Records Show Event Log	Color	Event Type General Motion Signal Lost		
07/08 8 9 10 Camera 1 Camera 2 Camera 3		13 14 15 18	17 18 19 20 21	22 23 24
<u>م</u> ع				▼ ►
Record Always Record on Motion Record on Event			 C 	K Cancel

Record Display

The record display window displays information about the video clips. These clips can be sorted by date (calendar view) or title (list view).



Remote Server Site: Select to open **Remote Playback Site Management**. This site allows you to access local PC or set up the remote playback server. Use **Select Folder** to directly access the recorded data folder or **Recent List** to access previously browsed recorded folders. **Note:** To use **Select Folder** option you need the Main Console password.

	6	Ν
5	1.	1
0	سر کا	5
	1	

Refresh: To refresh the Record Display window.

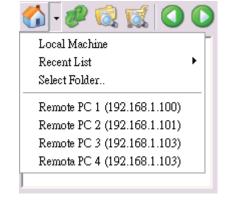


Log Viewer: To access the Log Viewer Tool.



Previous Days: To show recorded videos from the previous recording date.

Next Days: To show recorded videos of the next recording date.



Section 3 - Configuration

Date Time Period

Select the starting and ending time points to review a video.

Video Preview

Select Enable Preview to preview the selected video.

Event Type

You can change the color of the event by clicking on the color bar and then click the down arrow.

12 13 14 15 16 17 18

Time Table

- Click 🕂 to select all channels or 💳 to deselect all channels. Finally, utilize the provide the scale bar to modify the time table.
- Select Show Records to display the time period of recorded data.
 - Color Event Type 30 19 20 21 22 23 24 25 31 26 27 28 29 30 31 1 ~ General Motion 3 4 5 6 7 8 Signal Lost Show Records Show Event Log 07/08 10 11 12 13 17 Camera 1 Camera 2 🛅 Camera 3



• Select **Show Event Log** to display the time of event detected.

29 12 13 14 15 16 17 18 30 19 20 21 22 23 24 25 31 26 27 28 29 30 31 1 32 2 3 4 5 6 7 8	Color Event Type General Motion Signal Lost	
🔽 Show Records		-
🔲 Show Event Log		•
+− 07/08 8 9 10	11 12 13 14 15 16	17
Camera 1		
Camera 2		
Camera 3		

To Playback Video

Step 1: From the **Record Display** window, select the date of the recorded video you want to view. The red, green and blue lines in the time table indicate the available video records.

Note: The **Record Display** window can be displayed in (a) calendar view or (b) list control view. To modify these settings, click **Settings** on the Playback Console.

- Step 2: Use color bars to differentiate event types.
- Step 3: Highlight the video clip you want to review by left clicking and dragging the time period. You may also utilize the Start Time and End Time in the Date Time Period section.
- Step 4: Select Enable Preview in the Video Preview section to view your video.
- Step 5: Click on the camera name to add or remove cameras that you want to playback.

Step 6: Click OK when finished.

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Section 3 - Configuration

Search Mode

Go to **Playback** console and click **Search Mode CAN** to open the **Intelligent Search Tool** window.

Intelligent Search Tool Use this tool to detect unusual events that occur during the recording period.

Alarm Event Type

General Motion: Detects all movements in the defined area.

Sensitivity: This slider controls the sensitivity required to trigger the alarm. Slide the control to the right to increase sensitivity (relatively small movements will trigger the alarm) or to the left to reduce sensitivity.

Interval: Move the slider control to the right to increase the time interval, so the alarm will be triggered only when the movement lasts longer; moving to the left will reduce the time interval.

Define Detection Zone: Left click and drag, to draw a detection zone on the video screen. You may define more than one zone on the screen by repeating the process.

Stop When Found: Select this option to stop the video when detecting motion in the detection zone. Unselect this option to keep the video rolling, and to display all the detected events on the search list. Click on the listed event to jump to the specific part in the video where motion is detected.

In	elligent Search Tool 🛛 💌
	Alarm Event Type
	General Motion 💌
	Sensitivity:
	Interval:
	-Region Definition
	Define detection zone
	🔿 Define object size
	All Clear
	Rectangle count: 0
	🔽 Draw Region
	🔽 Stop when found
	Search Stop

Enhancement

Go to Playback console and click



to open this tool.

General Setting

Select to either apply the filter settings to only active channels or to all channels.

Filter Setting

Visibility: Select to adjust the gamma value of the image to enhance the image and make it cleaner.

Sharpen: Select and move the slider control to the right to sharpen the image or to the left to soften the image.

Brightness: Select and move the slider control to the right to make the image brighter.

Contrast: Select to move the slider control to the right to increase contrast.

Grey Scale: Select to display the video record in grey scale mode. The image will be displayed in black and white.

Default: Click to restore the default settings.

OK: Click to save to apply your settings.

Post Processing Tool
General Setting
Apply active channel
C Apply all channels
Filter Setting
🗖 Visibility
· · · · · · · · · · · · · · · · · · ·
🗖 Sharpen
· · · · · · · · · · · · · · · · · · ·
🗖 Brightness
Contract
🗖 Grey Scale
Default 🗸 OK

Save Video

Go to **Playback** console and click **Playback** to open this window.

Step 1: Click on the display screen of the Playback console to choose the camera display that you want to save as a video clip.

Step 2: Click the cue buttons to select the start and end points. The cue in and cue out time will be displayed in the information window.





Step 3:	Click the Save Video icon, select the location where you want to save the file to and	Export Video/Audio	X	
	enter the file name.	Export File Path:		
Sten 4.	Select Export Format from the drop-down list - ASF or AVI.			Save Video
		Export Format:		
Step 5:	Select a profile from the Use Profile drop-down menu.	ASF	•	
		Use Profile:		
Step 6:	Select to export (i.e. save) the recorded video with audio, OSD (On-Screen Display),	Windows Media Video	8 for Local Area Network (384 💌	
	or export video only.	Start Time:	2009/06/17 11:41:02	
Step 7:	Click OK to save video.	End Time:	2009/06/17 11:42:55	
		🔲 Export Audio		
		🗖 Export OSD		
		🔲 Export POS Transa	ction	
			V OK X Cancel	

Snapshot

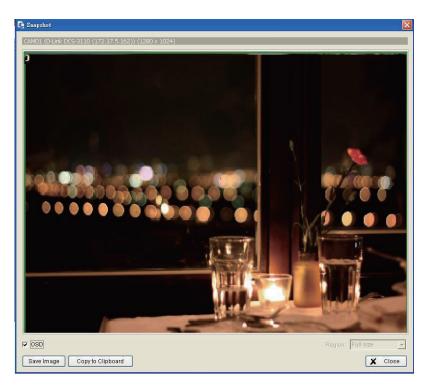
Go to Playback console and click



Step 1: Click on the camera display window to take a snapshot.

- Step 2: Click Save Image when the image you want is displayed on the screen. You may click Pause to freeze the video and use Step Forward/Step Backward to find the picture(s) that you want to save.
- Step 3: Select OSD to export the image with the date/time and camera number/name displayed. If the digital PTZ function is enabled in the display view, you can also select Full size or Selected Region as your image region.
- Step 4: You have the option to copy the image to the clipboard or save it to your computer. Click **Save Image** and select the folder you want to save it to. Select the image format (BMP or JPEG) and click **Save**.

Note: You may skip step 3 by pre-setting a folder and format to save images.



Print

Go to Playback console and click

to open this window.

Page Setting: Select Original Size or Fit to Page options to print the image. Select the alignment from the Align Image drop-down list (Top, Center, or Bottom).

Print Content: Print the image from the selected channel or all the channels shown on the screen.

Print: Click to print the image.

Backup

Go to **Playback** console and click **E** to open this window.

Here, you can start a full function Playback Console and load the backup files on any Windows PC. You can monitor real time video and work on the backup files on separate computers simultaneously.

Step 1: Click Open Record in the Playback console and click Backup.

Step 2: In the Date Time Period section, select the Start Time and End Time for backup.

Step 3: In the Select Camera(s) section, select the camera(s) you want to backup.

Step 4: Click Calculate Size to calculate the size of the backup data.

Step 5: Under Media, select where you would like to save the backup data.

Step 6: Under Option, select the type of data you want to backup.

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Step 7: Click Backup to start backup.

🖢 Print Setup 🛛 🔀
Page Setting © Original size
 Fit to page
Align Image: Top 💌
Print Content
Print active channel image
O Print all channels in the current view
✓ Print 🗶 Cancel

	🖺 Backup Dialog 🛛 🔀
	Date Time Period Start Time: Image: Constraint of the start Time: Image: Constraint of the start Time: Image: Constraint of the start of the start of the start Time: Image: Constraint of the start of the s
4 -	1-16 17.32 33.48 49.64 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 Calculate Size Select All
•	Media Backup using CDROM Backup using DVD Backup on HardDisk
	Option Backup Event Log Backup System Log
	OK X Cancel

Log Viewer

Go to **Playback** console and click **E** to open this window.

Unusual Event

The Smart Guard System displays the history of all the unusual events'.

- Step 1: Select the type of events you wish to view or select All from the drop-down menu to view all types of events. The types of unusual events include General Motion, Signal Lost, and **Digital Input Triggered**.
- Step 2: Select the camera channel you wish to view or select All to view all the available channels.
- **Step 3:** View the events that happened on a particular date or during a given time period by selecting Search. Date: Select Date and indicate the date. **DateTime:** Select the date and time.

Step 4: Click Search.

Note: The Log Viewer in Date & Time mode will search for all the unusual events that are recorded. The system, by default searches the record from the beginning to the end. A link will appear next to each event. By clicking this link, the video will jump to the point where an unusual event takes place.

🔎 Log Yiewer						
Unusual Event	System Log	Counting Applica	ation	Counting App	blication (Diagram)	
l en Timer	All	·				
Log Type:	All					
Channel:	All	•				
Date:	2009/	07/13 💌 🔺				Export to
Date <u>T</u> ime:	2009/	06/08 20:15 💌 🚔	to	2009/07	08 20:25 💌 🜲	Search
Event Time	F	Event Type		Camera	Description	~
2009/07/06		General Motion		02	Description	
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06	19:29:10 (General Motion		02		
2009/07/06	19:29:12 (General Motion		02		
2009/07/06	19:29:18 (General Motion		02		
2009/07/06	19:29:20 (General Motion		02		
2009/07/06	19:30:04 (General Motion		02		
2009/07/06		General Motion		02		
2009/07/06	19:30:17 (General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06		General Motion		02		
2009/07/06	19:31:36 (General Motion		02		~

System Log

There are 29 Log Types in the drop-down menu:

- 1. Main Console Startup
- 2. Main Console Shutdown
- 3. User Login
- 4. User Login Failed
- 5. Start Schedule
- 6. Stop Schedule
- 7. Execute Recycle
- 8. Enable Channel

- 9. Disable Channel 10. Start Smart Guard
- 11. Stop Smart Guard
- 12. Modify Smart Guard
- 13. Modify Schedule
- 14. Modify Configuration
- 15.Start Live Streaming Server

- 16. Stop Live Streaming Server
- 17. Modify Live Streaming Server
- 18. Start Remote Playback Server
- 19. Stop Remote Playback Server
- 20. Modify Remote Playback Server
- 21. Network Camera Connection Lost
- 22. Auto Restart Windows
- 23. Modify E-Map

- 24. Start Remote Desktop
- 25. Stop Remote Desktop
- 26. Modify Remote Desktop
- 27. Start Central Management
- 28. Stop Central Management
- 29. Modify Central Management

🔎 Log Yiewer				_ 🗆 🖂
Unusual Event	System Log Counting	Application Count	ng Application (Diagram)	
Log Type: All		•		
Date:	2007/09/26 💌 🚔			Export to
Date&Time:	2007/09/26 13:31 💌 🚍	to 🔲 2007/09/26	13:31 💌 🗮	Search
Event Time	Event Type		Description	<u>^</u>
2007/09/12 00:4 2007/09/12 00:4 2007/09/12 01:1	15:44 User Login .1:10 Main Console	e Shutdown	admin	
2007/09/12 01:2 2007/09/12 01:2 2007/09/12 01:2 2007/09/12 01:2 2007/09/12 15:0	27:05 User Login 28:27 Main Consol	e Shutdown	admin	
2007/09/12 15:0 2007/09/12 15:0 2007/09/12 15:0 2007/09/12 15:0)6:52 User Login)7:04 Main Consoli	e Shutdown	admin	
2007/09/12 15:0				×

Step 1: Select the type of event or select All from the drop-down menu.

Step 2: View the events that happened on a particular date or during a given time period by selecting search period.

Step 3: Click Search.

Step 4: You can export the data to a text file (.txt) or excel file (.xls). Click Export to, enter the filename, and select the format to export.

Setting Go to Playback console and click	k to open this window.	Setting
General		Calendar View C List Control
Record Display Calendar View	List Control	Play when open Auto skip when record motion only mode Next interval: 1 min Previous interval: 1 min
· · · · · · 七月 2009 · · · · 七月 2009 · · · · 12 30 1 2 3 4 · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • <td>Capture Image Save in clipboard Manually save the image file Automatically save the image file Preferred Image format: Dmp Miscellaneous Synchronize video frames V OK X Cancel</td>	Capture Image Save in clipboard Manually save the image file Automatically save the image file Preferred Image format: Dmp Miscellaneous Synchronize video frames V OK X Cancel

Play

- Play when open: Select this option to start playing the video clip everytime a record is withdrawn.
- Auto skip when record motion only mode: Select to set up the system to automatically skip to the points where motions were recorded.
- Next interval: Set the interval and click Next on the playback console to fast forward the video.
- Previous interval: Set the interval and click Previous on the playback console to rewind the video.

Capture Image

- Save in clipboard: The image will be saved in the clipboard and can be pasted to other applications.
- Manually save the image file: Select to manually save the image, and the format of the image.
- Automatically save the image file: By pre-setting the URL and the image format, the system will automatically save the image accordingly, when you click Save in the control panel.

Miscellaneous

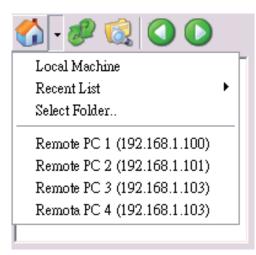
• Synchronize video frames: Select to prevent tearing that may occur in the video display. However, this will increase the CPU processing load.

OSD

Select **Enable Camera OSD** to display video information of the recording video. Information includes camera name, camera number, date and time. Users also can set the font, size, and font color.

Setting	×
General OSD	
Enable camera OSD	
Foreground	
Font: 🖫 Tahoma 💌	
Size: 9	
Color:	
🔽 Bold 🔽 Edge	
Background	
Color:	
Transparency: 40	
Info	
🔽 Camera Name	
🔽 Camera Number	
✓ Date 2009/04/21 ▼	
▼ Time 下午06:45:55 ▼	
Default Apply	
]
V OK X Cancel	

Access Remote Playback Site Go to Open Record > Date Time in the Playback Main Console and click A to access the Remote Playback Site.



Smart Guard System

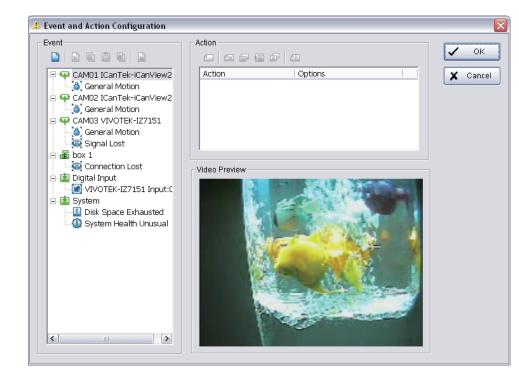
Click the Configure Smart Guard System icon



to open the Event and Action Configuration window.

Select an event to be detected and set up an Action for the D-ViewCam Standard/Professional/Enterprise system to perform.

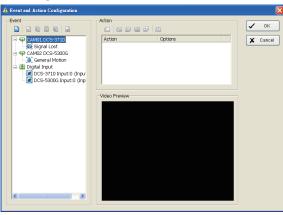
Note: To access the Smart Guard Event Report, click Start Monitor > Open Event Report in the Main Console.



Event Time	Event Type	Camera	Description	
2005/11/21 15:16:14 2005/11/21 15:16:29	General Motion Missing Object	9 13		

Event

There are 3 sources of events: **Camera** (video image), **Digital Input** (device connected to your PC) and **System** (condition of your hardware). You can assign multiple events by following the instructions below.



Assign a Camera Event

Step 1: Select a channel from the camera list and click Insert Event

Description Detect video signal connection Detection of any movement

Step 2: There are two types of events: Signal Lost and General Motion. Select the event you want in the Event Type list and click OK.

Step 3: Configure the Event Type settings. Refer to the next section.

Alarm Event Configuration

This section describes the basic setting of Signal Lost and General Motion events.

Signal Lost

Enable Event: Select to activate the event.

Life Cycle

- Automatically cancel event when event disappears: The alarm/action will be cancelled once the event is fixed or ends.
- Manually cancel event or event last triggered: The alarm/action will continue to be active until canceled. To cancel the event, click Start > Open Event Report > Cancel All Events.
- Cancel event after timeout xx seconds: Select and enter the time (in seconds) to cancel an event.
- Always Activated: Select to have the event enabled 24 hours a day.
- Activated only in the following period: Select and choose a time period to have the event active.

Alarm Event Configuration	R
Basic	
Camera 1 - Signal Lost	
✓ Enable Event	
Life Cycle	
 Automatic cancel event when event disappear 	
C Manual cancel event or event last triggered	
C Cancel event after 10 seconds	
Activated Period Activated Period Activated only in the following period B:00 to 22:00	
V OK X Cancel]

General Motion

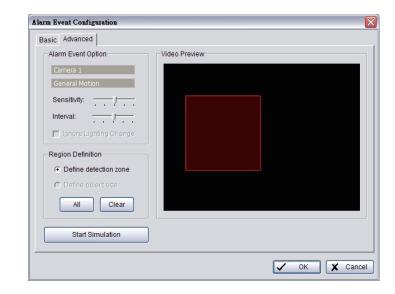
Alarm Event Option

- **Sensitivity:** Click and move the slider control to the right to increase sensitivity so that a relatively small movement will trigger the alarm. Move the bar to the left to reduce sensitivity of motion detection. Setting up an appropriate sensitivity value will reduce the chances of a false alarm. For example, you can lower the sensitivity to avoid the alarm being triggered by a tree swinging in the breeze.
- **Interval:** Click and move the slider control to the right to increase the interval time so that the alarm will only be triggered when the movement lasts longer. Move to the left to reduce the interval time.

Region Definition

• Define detection zone: To detect General Motion, you have to define a detection zone. Left-click and drag the mouse to draw a detection zone. You may define more than one zone on the screen by repeating the same process. You can also click All to select the entire detection zone.

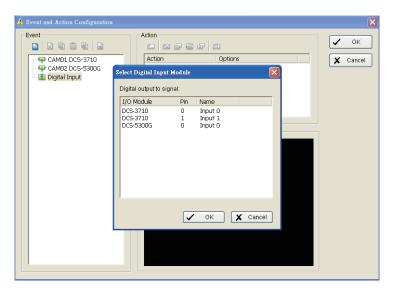
Click Start Simulation and test the function on the preview window.



Digital Input

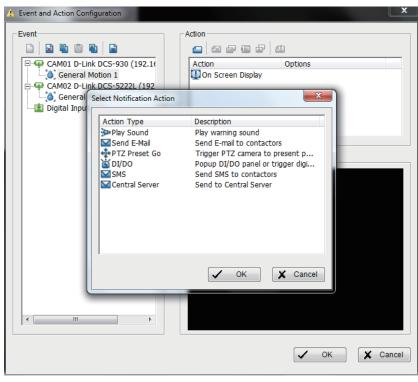
Step 1: Select to highlight Digital Input on the event type list and then click in Insert Event.

Step 2: Select the device that is connected to your camera(s).



Action Assign an Action Type

Insert Action: Select actions that responds to an unusual event.



Step 1: Select an event and click

Insert Action.

Step 2: Select one of the five actions and then click OK.

- 1. Play Sound
- 2. Send E-mail
- 3. PTZ Preset Go
- 4. DI/DO
- 5. Send a SMS Message
- 6. Send to Central Server

Step 3: Configure the Action Type if required.

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Action Type > Play Sound

The system will play an audio .wav file when an unusual event is detected.

Step 1: Select the Play Sound action and then click OK.

Step 2: Select a wave file (.wav) and then click Play Sound to modify the setting.

Open			? 🛛
Look jn: My Recent Documents Desktop My Document	Alarm1 Alarm2 Dogbark OldPhone Ringer Siren1 Siren2 Siren3		
Network Places	File <u>n</u> ame: Files of <u>t</u> ype:	▼ Wave Files (*.wav)	<u>O</u> pen Cancel

Action Type > Send E-mail

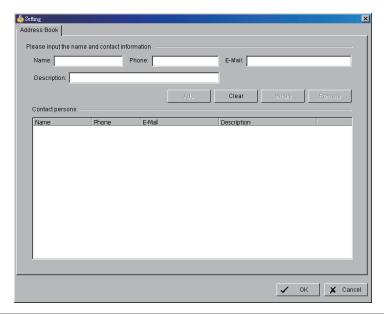
When an event is triggered, the system immediately emails the specified recipients. The email contains the type of event, the time it occurred, and a picture of the event.

Step 1: Select the Send E-mail action and then click OK.

Step 2: From the Select Contactor window select the email address(es) you want to send alerts to.

🐝 Select Contactor		×
Name	E-Mail Address xxxx@xxxxx.com xxx@xxxxxxx.com	
Edit Address Book	V OK X	Cancel

Click Edit Address Book to add, delete, or edit contacts.



Action Type > PTZ Preset Go

Use this to trigger the PTZ (pan/tilt/zoom) camera(s)

Step 1: Select the PTZ Preset Go action and then click OK.

Step 2: In the **PTZ Preset Go** window, select the PTZ camera that is connected to your system. Then set the start and end preset points, and select the life cycle for the event. Click **Add** when you are done to add the preset to the table below. You may repeat this step to add another preset.

Step 3: When you are finished adding your presets, click OK.

camera: CAM02 (D-Lin	k DCS-52 ✓ IP Camera
 Preset 	C Patrol
-	_
Life Cycle	
C Stop PTZ action when event of	lisappear
Keep PTZ action	10 second
End	
Preset	O Patrol
•	_
The end preset go will take	10 second
	,
Add Clear	Update Delete
Camera Start Life Cycle	End End Preset Go

Action Type > DI/DO

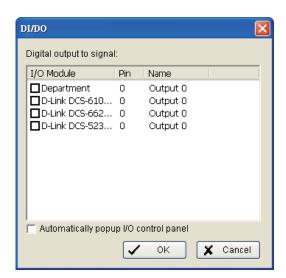
Use this to trigger the Digital Input/Output devices that are connected to the camera(s), such as alarm lights or sirens.

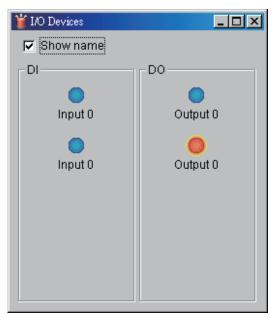
Step 1: Select the DI/DO action and then click OK.

Step 2: Select Digital Input Module and then click the DI/DO indicator to modify the setting.

Step 3: Select the device that is connected to your system. Enable **Automatically popup I/O control panel** to monitor the I/O status.

You must adjust the setting of I/O device in **General Setting** > **Setting** > **I/O Device** first and the I/O control will display the device status based on this setting. You can also adjust the size of the window by clicking $-\Box \times$ on the display window.





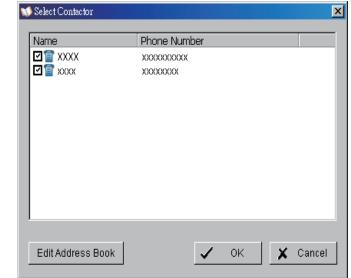
Action Type > Send a SMS

The system will immediately send an SMS to the user indicating the type of event, and the time.

Step 1: Select the Send a SMS message action and then click OK.

Step 2: The **Select Contactor** window will display. Here you can choose one or more contacts at once.

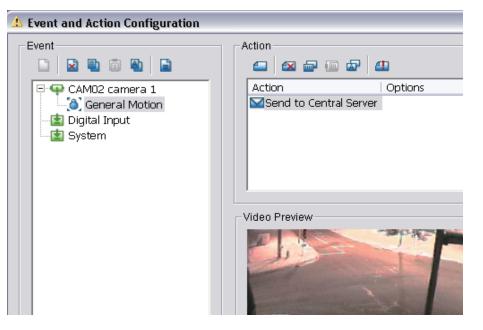
Edit Address Book: Click to enter the contact information. This is similar to the Send E-mail and Phone Call action.



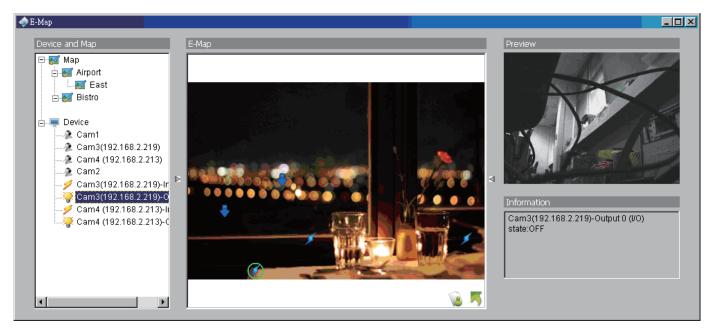
Action Type > Send to Central Server

To send events to the Central Server

Step 1: Select the Send to Central Server action and then click OK.



E-Map



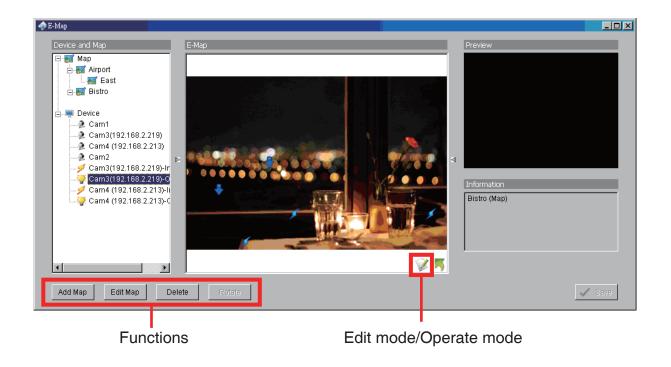
To launch E-Map, click **Start** and select **Open E-Map** from the start menu.

With E-Map, users can track the actual location and alarm status for each camera and receive instant response when the event happens. The arrows and lightening icon on E-Map represent cameras and I/O devices. These icons will turn red once they are triggered by alarms.

There are 2 modes in E-Map application:

Edit mode: Allows users to add/edit maps of devices. Operate mode: All settings will be activated in this mode.

Edit Mode



In Edit mode, the icons at the bottom of the window will be active for configuration when running the E-map function for the first time.

Add/Edit/Delete Map

Add E-Map

Step 1: Make sure you are in Edit Mode and all devices are connected.

- Step 2: Click Add Map to load a map image.
- Step 3: Select the map file and insert the map name. Click OK, and the map you added appears in the device and map list.

Step 4: The map indicator appears on the left-up corner of the parent map. Drag it to the position you want on the map.

Map Config			×
Map Image File:			
Map Name:			
	🖊 ОК	🗶 Cancel	

Section 3 - Configuration

Edit E-Map

Step 1: Make sure you are in Edit Mode and all devices are connected.

Step 2: Right-click on Map with the option menu to edit map, or just click Edit Map to open Map Config.

Step 3: Modify the details and then click **OK** to save configuration.

Delete E-Map

Step 1: Make sure you are in Edit Mode and all devices are connected.

Step 2: Right-click on Map 🚮 to open the option menu to delete map, or just click Delete to remove the map from the list.

Note: The root map cannot be deleted.

Add/Rotate/Delete Device Indicator

Add Indicator

Step 1: Make sure you are in Edit Mode and all devices are connected.

Step 2: Select the Map Map icon to add the device indicator.

Step 3: Before adding the indicator, ensure that the map you want is displayed. Select device from the list and directly drag a device to the desired location on the map.

Note: Different device symbolizes different indicator.



- Camera indicator 🛛 🔏 - digital Input indicator

Rotate Indicator

Step 1: Make sure you are in **Edit Mode** and all devices are connected. Select the device indicator from the Device and Map list. The device indicator will be marked with a green circle **()**.

Step 2: Click Rotate, the indicator will rotate 45 degrees.

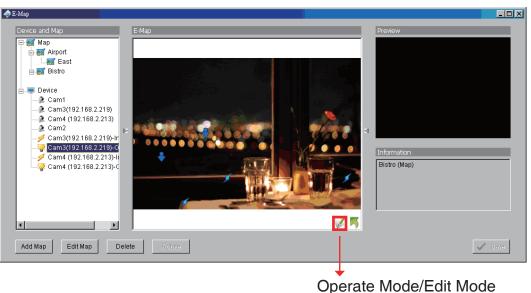
Note: Only camera indicators are allowed to be rotated.

Delete Indicator

Step 1: Make sure you are in Edit Mode and all devices are connected. Select the device indicator from the Device and Map list. The device indicator will be marked with a green circle

Step 2: Click Delete.

Operate Mode



Device and Map Tree list

This window will list all the devices and map hierarchies. Click the **Device** or **Map** indicator to show related information in the E-Map window.

1	Мар	Select the map you want to show in the E-Map Window.
	Camera	Select the camera you want to preview video from the preview window.
1	Digital Input	Select to highlight the device with a green circle on the map and show its status in the Information window. If the Digital Input is from a network camera, the preview window will display live video from the camera.
- X	Digital Output	Select to highlight the device with a green circle on the map and show its status in the Information window. If the Digital Output is from a network camera, the preview window will display live video from the camera.

```
Section 3 - Configuration
```

E-Map

This window displays the map layers and indicators.

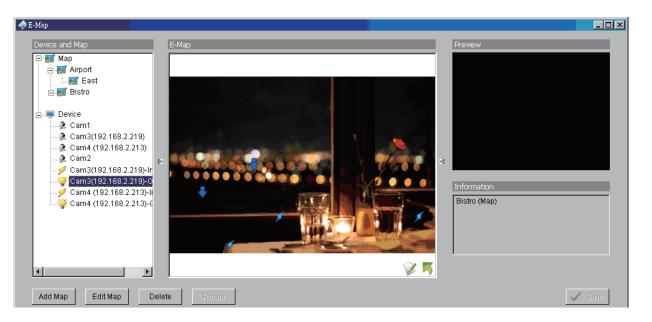
Device Indicator: Select the device indicator from Device and Map Tree list to preview video and related information.

Map Indicator: Select to enter the map layer. If you want to move to the upper layer, right click on the map to select Up or click so the map.

Information and Preview window

1	Map Info	Displays map name.
1	Camera	Displays camera name and connection status.
1	Digital Input	Displays digital input name and status (0 or 1).
\	Digital Output	Displays digital output name and status (0 or 1).

Layout Adjustment



Adjust layout Window

Shrink the window:

Click the triangular indicators is a to hide the device and information windows. Click the triangular indicator again to go back to the default setting.

Full screen display:

For a computer system with dual monitors, you can view the Main Console on primary monitor and view full-size E-Map on a secondary monitor.

Step 1: Click the triangular indicators is in the the device and information windows on the right and left side.

Step 2: Click located on the upper-right side of the window to switch to fullscreen mode.

Log Viewer

🔎 Log ¥iewer			_ 🗆 🔀
Unusual Event System L	og Counting Application C	Counting Application (Diagram)	
	9/07/15 ¥ 😴 19/07/15 14:45 ¥ 💌 to 🗍	2009/07/15 14:45 💌 🚔	Export to Search
Event Time	Event Type	Camera Description	
2009/07/15 14:45:46 2009/07/15 14:45:51	General Motion General Motion	03 02	

To launch Log Viewer, go to **General Setting** and select **Log Viewer** to view the event history. These events are detected by the Smart Guard system.

Section 3 - Configuration

Unusual Event

🔎 Log Viewer				_ 🗆 🔀
Unusual Event System L	og 🛛 Counting Applicatio	on Counting App	lication (Diagram)	
	9/07/15 * 🛒 9/07/15 14:45 * 🛋 1	to 2009/07/	15 14:45 💌 👗	Export to Search
Event Time	Event Type	Camera	Description	
2009/07/15 14:45:46 2009/07/15 14:45:51	General Motion General Motion	03 02		

- Step 1: Select the type of event you wish to view or select All from the drop-down menu to view all types of events. The types include General Motion, Signal Lost, and Digital Input Triggered.
- Step 2: Select the camera channel you wish to view or select All for all available channels.
- Step 3: View the events that happened on a particular date or during a given time period by selecting a search period.

For a particular date: Select the date you want to view. For a period: Select Date&Time and then enter the date and time.

Step 4: Click Search.

System Log

Select the Log Type from the drop-down menu. There are a total of 29 log types to choose from:

- 1. Main Console Startup
- 2. Main Console Shutdown
- 3. User Login
- 4. User Login Failed
- 5. Start Schedule
- 6. Stop Schedule
- 7. Execute Recycle

8. Enable Channel

10. Start Smart Guard

11. Stop Smart Guard

13. Modify Schedule

12. Modify Smart Guard

14. Modify Configuration

- 9. Disable Channel 16. Stop Live Streaming Server
 - 17. Modify Live Streaming Server
 - 18. Start Remote Playback Server

15. Start Live Streaming Server

- 19. Stop Remote Playback Server
- 20. Modify Remote Playback Server
- 21. Network Camera Connection Lost

- 22. Auto Restart Windows
- 23. Modify E-Map

I THE LAND

- 24. Start Remote Desktop
- 25. Stop Remote Desktop
- 26. Modify Remote Desktop
- 27. Start Central Management
- 28. Stop Central Management
- 29. Modify Central Management

Log Viewer			
Unusual Event System	Log Counting Application C	Counting Application (Diagram)	
Log Type: All	•		
Date: 🔽 2009/	/05/05 💌 🌻		Export to
Date <u>T</u> ime: 2009/	/05/05 14:58 💌 🚔 to 🔲 2009	9/05/05 14:58 💌 📥	Search
Event Time	Event Type	Description	
2009/05/05 09:54:47	Main Console Startup		
2009/05/05 09:56:22	Main Console Shutdown		
2009/05/05 13:29:02	Main Console Startup		
2009/05/05 13:29:04 2009/05/05 13:29:10	User Login Start Schedule	admin	
2009/05/05 13:29:10	Start Scrieuule Start Smart Guard		
2009/05/05 13:29:15	Modify Configuration		
2009/05/05 13:48:31	Modify Configuration		
2009/05/05 13:49:46	Modify Configuration		
	sandler of the second second		
2009/05/05 13:50:56	Modify Configuration		

Step 1: Select the type of event you want to check or select All from the drop-down menu for all types of events.

Step 2: View the events that happened on a particular date or during a given time period by selecting a search period.

For a particular date: Select the date you want to view.

For a period: Select Date&Time and then enter the date and time.

Step 3: Click Search.

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Export

Here, you can export the log file to an excel (.xls) or a text (.txt) file.

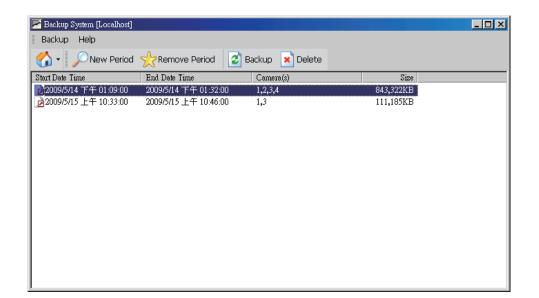
🔎 Log	Viewer				_ 🗆 ×
Unus	ual Event	System Lo	9 Counting Applicat	ion Counting Application (Diagram)	
L	og Type: [All			
	Date:	2009/05	i/05 💌 🚔		Export to
Da	ite <u>T</u> ime: [2009/05	i/05 14:58 🚽 🗮 🗖	2009/05/05 14:58 🗶 💻	Search
Even	t Time		Event Type	Description	▲ I
2009	/05/05 09 /05/05 09 /05/05 13 /05/05 13	9:56:22 3:29:02	Main Console Startup Main Console Shutdo Main Console Startup User Login	own	
2009	/05/05 13 /05/05 13	3:29:10 3:29:15	Start Schedule Start Smart Guard		
2009	/05/05 13 /05/05 13	3:48:31	Modify Configuration Modify Configuration		
2009	/05/05 13 /05/05 13 /05/05 13	8:50:56	Modify Configuration Modify Configuration Modify Configuration		
					•

Step 1: Click Export To.

Step 2: Type the file name and select the file format (.xls or .txt).

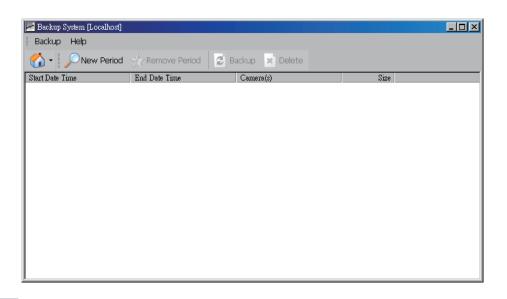
Backup

The backup function saves video records and other log information.



Note: The backup cannot exceed 7 days of recordings.

Back up Recorded File(s)

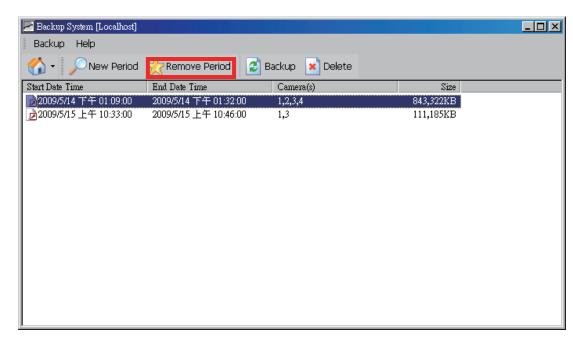


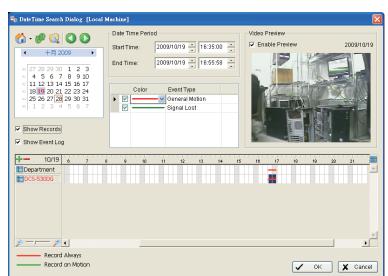
Step 1: Click Remote Server 🚮 to add a backup site.

- Enter the Server Name, Address, Port, Username, and Password.
- Click **Add** to add the server.
- Click **OK** to exit the Setting window.
- Step 2: To access the **Remote Backup Site**, click and enter the username/password of the remote server to access the backup site.
- Step 3: Click New Period to open Select DateTime Period.
- **Step 4:** Select the data you want to back up by highlighting the time period. You may also set up a start and end time in the Date Time Period section.

		器 localhost (localhost)
Server Name:		
Address:		
Port:	5160	
User Name:		
Password:		
	Save Password:	
	Test Server	
Add	elete Update	

- Step 5: Click on the camera number icon to add camera(s) or click add/delete all channels.
- **Step 6:** Select **Enable Preview** to display the preview of the video you selected.
- Step 7: Click OK when the settings are complete.
- Step 8: Click Remove Period to remove data from the backup list.
- Step 9: Click the Backup icon to open the Backup window.
- Step 10: Under Media, select the path you want to save the file or burn the file directly to a CD (direct CD burning for Windows[®] XP only), DVD or to a hard drive.
- Step 11: Under Option, select the log information you would like to back up (Event Log or System Log), and then click **OK**.
- Note: The backup cannot exceed 7 days of recordings.



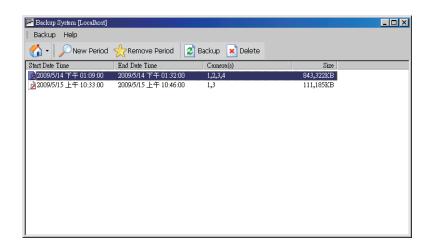


to

Backup			X
Summary Total backup data size: 71,927	КB		
Media Backup using CDROM Backup using DVD Backup on HardDisk			
Option Backup Event Log Backup System Log			
	🗸 ок	×	Cancel

Delete Recorded File(s)

Step 1: Click New Period to open Select Date Time Period.



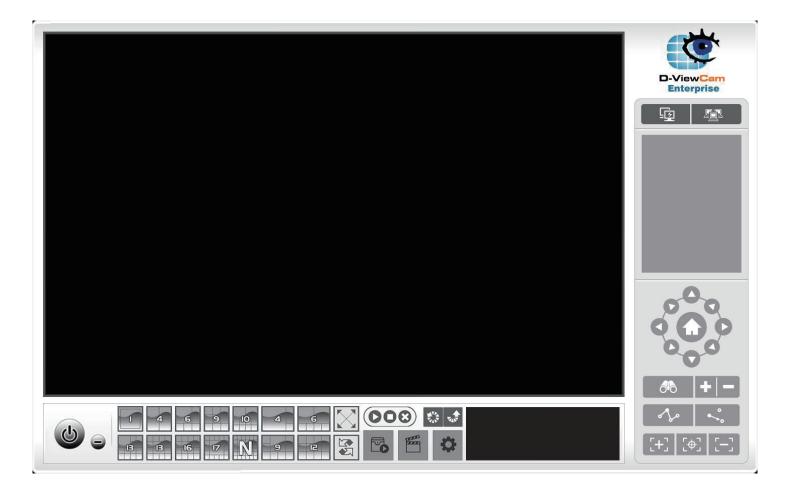
Step 2: Follow steps 3-7 from the previous two pages to select the data period which you want to delete.

Step 3: Click on the **Delete** icon to remove all the data in the backup list from the database.

Note: The deleted video cannot be recovered.

Remote Live Viewer

With Remote Live Viewer, remote users may watch up to, totally 128 real-time video channels from remote live streaming servers.



Setting

Click the **General Settings** icon in the Main Console to open the Settings window.



General Setting

En Live Yiew Setting
General Server Group OSD Monitor Display Notification Audio preview
OK Cancel

Audio Preview

Enable audio on active channel: Select to enable the audio streaming on active channel.

Miscellaneous

Select to prevent tearing that may occur in the video display. However, this will increase the CPU processing load.

Server Setting

Eff Live Yiew Setting
General Server Group OSD Monitor Display Notification
Server Setting
Server Name:
Address:
Port 5150
User Name:
Password
Save Password:
Auto Login: 🗖
Test Server
Add Delete Update
OK X Cancel

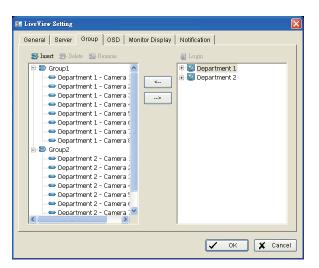
Step 1: Enter the Server Name as preference.

- Step 2: Enter the IP Address, Port, User Name, Password to log in to the server.
- Step 3: Enable Save Password to login without entering the password again.
- Step 4: Enable Auto Login to login automatically when starting the Remote Live Viewer.
- Step 5: Click Test Server to check if the server is available.
- Step 6: Click Add to insert the setting to server list.

Note: To remove the server, select a server in the server list and then click **Delete**.

Group Setting

Allocate different cameras into groups.



Step 1: Log in to all the servers that contain camera(s) you would like to add into the group(s).

Step 2: Click Insert to create and name a new group.

- Step 3: Highlight the camera that you would like to add to a group and then click on <---. Repeat the process until all the cameras you want in the group are added.
- Step 4: Click Delete to remove a specific group or click Rename to change the name of a specific group.

Step 5: Click OK to save your group.

OSD Setting

Select the font style and color for the information displayed on the video.

I Live∀iew Setting	
General Server G	roup OSD Monitor Display Notification
✓ Enable camera OS Foreground Font: Size: Color:	Pr Tahoma ▼ 9 ▼
Bold Background	✓ Edge
Color: Transparency:	40
Info Camera Name	
🗖 Date	2009/09/24 <u>▼</u> 下午06:23:39 ▼
🔲 Bitrate	
	Default Apply
	🗸 OK 🗶 Cancel

Monitor Display Setting

Activate auto scan to rotate the channels/cameras on the display window. For instance, you may select to show only 4 sub-screens on the live viewer while having 16 channels connected to the system.

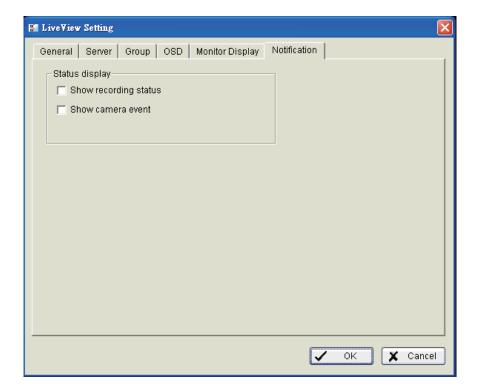
🖬 LiveView Setting		×
General Server Group OSD	Monitor Display Notification	
Monitor Resolution #1 1280 x 800	Monitor 1 Auto scan Auto scan group: Primary channel: Secondary channel:	(Not Used) (Not Used) (Not Used)
K	Auto scan interval: Layout NxN type:	2 sec.
	\checkmark	OK 🗶 Cancel

Step 1: Select the monitor connected to the system.

- Step 2: From the Auto scan group drop-down, select a group.
- Step 3: Select a primary channel that will always be on the screen when activating auto scan settings.
- Step 4: Select a channel that has secondary priority then primary channel on the display screen when activating auto scan settings.

Step 5: From the **Layout** drop-down, select the screen division you want to display.

Notification Settings



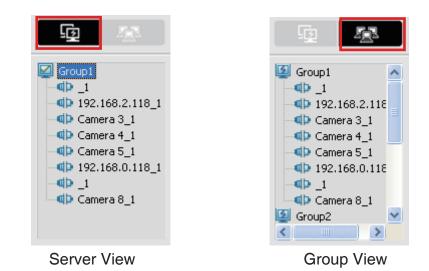
Status display

Show recording status: Select to display the recording status on the monitor display.

Show camera event: Select to display detected events on each channel.

Server/Group/Camera

Click on the Server and Group icon in the Main Console to display a complete list of the server(s), group(s), and camera(s) that are added to the system.



Server View: Displays cameras sorted by servers.

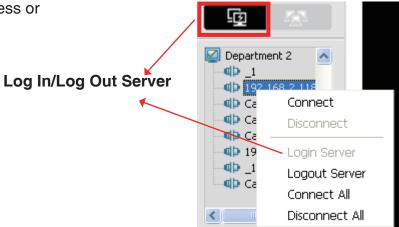
Group View: Displays cameras sorted by group names.

Section 3 - Configuration

Login/Logout Server

Option 1: Select a server on the list and then click on the **Log In** icon to access or the **Log Out** icon to leave the server.

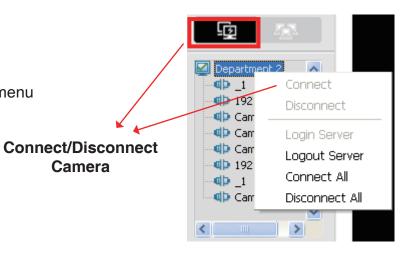
Option 2: On the server list, right-click to open the menu options.



Connect/Disconnect Camera

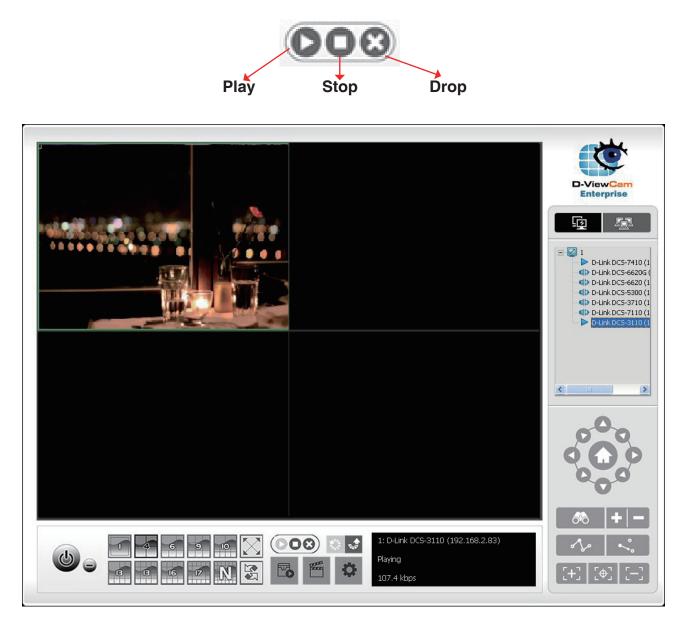
Option 1: On the server/camera list, double-click on a camera to connect it.

Option 2: On the server/camera list, right-click on a camera to open the menu options to connect/disconnect.



Option 3: Select a camera from the list and drag it to where you want the image to be displayed.

Option 4: Play / Stop/ Drop: Select a camera/video and click this button to play/stop/disconnect a particular channel.



PTZ Control

Control the movement of PTZ cameras. With cameras that support PTZ control, you can move, zoom, patrol, adjust the focus, and set preset points of the cameras.

Preset/Go

Adjust the camera view and click on the **Set** icon and save the view as preset point 01. Adjust the camera view again and set the preset point 02. Repeat the process until you finish setting up all the preset points. Enter a name instead of preset point 01. Click on the **Go** icon to view the preset points.

Note: To change the speed settings of your PTZ camera, click on Main Console > General Setting > Setting > PTZ Config.

Zoom

Click on the + and – signs to zoom in and zoom out the view.

Focus

To focus near means objects that are closer will be clearer than the objects that are further away. On contrast, to focus far means objects that are further will be clearer than the objects that are closer. Click on the **Focus** icon and select auto focus if you want the system to decide the focus point for you.

Patrol

To have your PTZ camera to patrol around pre-defined path of preset points, please click **Patrol** to start/stop patrol.

Note: To setup a patrol path, please go to **Main Console** > **General Setting** > **PTZ Config** > **Patrol**.

On Screen Menu

Right-click on the camera screen and get the **On Screen** menu, to quickly adjust the setting of camera.

	_
Enable Move	
Enable Digital PTZ	
Enable Audio	
Snapshot	
Toggle Fullscreen	

Enable Move

This function allows you to use your mouse to control the PTZ functions of a camera by clicking on the display screen. To enable, click **Enable Move**. To disable, click **Disable Move**.

Enable Digital PTZ

Select to enable the digital PTZ functions of the video. Use your mouse wheel or click on the + and – signs to zoom in and zoom out on the camera. The square flashing on the video grid indicates the corresponding view of the camera.

Enable Audio

Select to enable audio transmission along with video stream.

Snapshot

The snapshot function captures a specific video image to the clipboard or to a file that you can save to your computer.

Toggle Fullscreen

Switch to view video with fullscreen display. To disable this function, right-click on screen and uncheck this option or simply press **ESC** to go back to the original window.

Playback

Select to open the Playback console and view video remotely.

Add Remote Playback Site

Click the **Remote Sever** icon **Solution** to open the remote playback site management, and to add and setup the remote playback site.

Step 1: Enter the IP Address, Port, Username, and Password.

Step 2: Click Add to add the server.

Step 3: Click OK to exit the Setting window.

Access Remote Playback Site

Go to **Date/Time** and click A on the top of the display window to access the Remote Playback Site.

• 🖒 Loca	- 🧬 🔞 🕵 🚺 💽 al Machine
	note Server 1 (192.168.1.51) note Server 2 (192.168.1.52)
	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9

Server Setting		
Server Name:		
Address:		
Port:	5160	
User Name:		
Password:		
Save Password:	—	
	Test Server	
Add Delete	Update	
		🗸 OK 🗶 Cancel

- Demote Playback Site Ma

Start Monitor





E-Map

Select **Open E-Map** to open the E-Map window.

1	Мар	Select the map you want to show on E-Map Window.
2	Camera	Select the camera you want to preview video and mark an indicator on E-map.
1	Digital Input	Select to highlight the device with a green circle on the map and show status on the Information window. If the Digital Input is from a network camera, the preview window will display live video from the camera.
- X	Digital Output	Select to highlight the device with a green circle on the map and show status on the Information window. If the Digital Output is from a network camera, the preview window will display live video from the camera.

I/O Control

Select to open the I/O control window. This window allows you to control DO devices remotely.

Note: Adjust the setting of I/O device in **Main Console** > **General Setting** > **Setting** > **I/O Device** first, and the I/O control window will display the device status based on these settings.



Web View

Note: Be sure to enable the Live Streaming Server. To enable, go to General Setting > Network Service select Live Streaming and click Start Server.



Server IP

Open Internet Explorer and enter the IP address or DDNS name of the server followed by the connecting port. Example: http://192.168.1.16:8080/ 192.168.1.16 is the IP address of the server. 8080 is the port specified in **Use Default Web Server** in Network Service.

Note: Make sure the Live Stream Server is enabled. Please refer to Live Streaming Server for more information. Web View is only supported by Microsoft Internet Explorer versions 7 to 9 (32 bits).

Utilities

Verification Tool

The Verification Tool verifies whether the data created by the system be tampered with or not. It is the process by which a digital watermark (a digital signature) is added to each recorded video frame to ensure its authenticity.

The 3 types of data that is verified by the Verification Tool are:

- 1. File in (.dat) (.264) format will be displayed as 🐖 .
- 2. File in (.avi) (.asf) format will be displayed as 📖 .

3. File in (.bmp) (.jpg) format will be displayed as 🔊 .

	🛅 D-Link D-ViewCam Enterprise 👘	•	🛃 Backup System
Professional/Enterprise > Verification Tool.	🛅 Remote Desktop Viewer	•	🔒 DBTools
			鐆 Main Console
			📡 Playback System
			📳 Remote Live Viewer
			🎯 Uninstall D-ViewCam Enterprise
			🛃 Verification Tool
Step 2: Enter the Username and Password to log in.	Login Verification Tool		×
	Please enter password for th	ne ac	dministrator of Main Console :

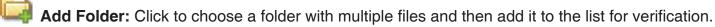
Please enter password for the administrator of Main Console :
User Name: admin
Password:
OK Cancel

Overview

📕 Verification				
Image: Second system File Name Watermark	Start Time End Time 2009/05/ 2009/05		Path C:\Documents and Se	Video Preview
Status : Number of Verified Files Number of Passed Files	: O files	erify: Time elapsed: Time left:	00 : 00 : 000 00 : 00 : 000	► & [[



Add File: Click to insert a file to the list for verification.





Remove File: Click to remove the selected file(s) from the list.



Select All: Click to select all the files in the list for verification.

Note:

- 1. Choose the file type first (.dat, .264, .avi, .asf, .bmp, .jpg) before selecting the files.
- 2. You can also drag files to the list for verification.

Video Preview: To preview the selected file from the verification list. Use Play, Verify, Pause and Stop for preview.

Note: Preview of .bmp and .jpg formats are not allowed.

Verifying Image/Video

Step 1: Select a single or multiple files for verification.

Step 2: Click verify **b** to start verification.

Step 3: The verification results will be displayed in the Watermark column.

Note: If the file passes the verification, it will show 🧐.



Note: If the file was tampered with, it will show 🥠.	

2 🖨 🔒					<u>.</u>	Video Preview
File Name	Watermark	Start Time	End Time	Cam Name	Path 🔺	
₽COOOO2		2009/05/	2009/05/	D-Link DC	C:\Documents and	
∎0604_S	*	2009/06/	2009/06/	Sanyo VC	C:\Documents and	
🖲 0604_sa	*	2009/06/	2009/06/	Sanyo VD	C:\Documents and	
@COOOO1	*	2009/05/	2009/05/	TRENDne	C:\Documents and	
@COOOO1	<u> </u>	2009/05/	2009/05/	TRENDne	C:\Documents and	
	V	2009/05/		TRENDne	C:\Documents and	
@COOOO2		2009/05/	2009/05/	D-Link DC	C:\Documents and	
CO0002		2009/05/		D-Link DC	C:\Documents and	
1		0000/05/	0000/05/	DU-L DC	í) í de la companya de la	
Status :			Verify			
Number o	f file Verified :	7 files	i Time	e elapsed :	00:08:266	,
blumbaya	ffile Passed :	7 files	I Time	e left :	01:49:380	

Step 4: The Status and Verify fields will display the information related to verification.

License Management Tool

Use the License Management Tool to activate the software license from a serial number allocated with the software package, or deactivate the license and activate it again in another PC.

The following lists 4 types of license management process:

- To "activate" the license with PC connected to the network, follow the Activation On line process.
- To "activate" the license with PC not connected to the network, follow the Activation Off line process.
- To "de-activate/transfer" the license with PC connected to the network, follow the Transfer On line process.
- To "de-activate/transfer" the license with PC not connected to network, follow the Transfer Off line process.

Overview

Start License Management

Step 1: Click License Manager in General Setting or browse the installation folder and click Activate Tool.exe.



The License Manager Tool screen displays.

P	License Management Too				×
7	Activate Transfer				
	SN	Channel	Product	Status	
	Activate type:				
	 Import SN file: Import license file: 				
				Activate	
				Exit	

Activate / Transfer License

Activation On line

Step 1: Start the License Manager Tool.

Step 2: Select On line as Activate type.

Step 3: Enter the SN (Serial number) or Import SN file, and then click Activate.

Step 4: Restart the Main Console if activation is successful.

```
Section 3 - Configuration
```

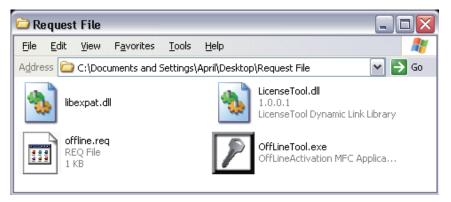
Activation Off line

Step 1: Start the License Manager Tool.

Step 2: Select Off line as Activate type.

Step 3: Enter the SN (Serial number) and then click Activate.

Step 4: Save the Request File, and then copy it to another PC connected to Internet.



Step 5: Browse and run Off LineTool.exe 2, and then click Activate to send the Request File to the license server.

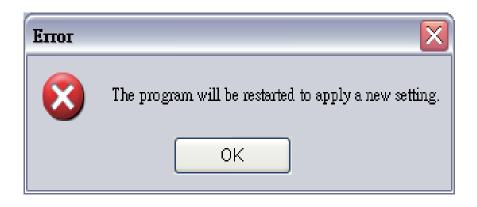
Z	Off Line Tool	
	Information:	
	Activate new SN.	8
	New SN: 0798-C370-8740-7156	
	(Activate) Exit	

Step 6: Save this License file, and then copy it to the D-ViewCam Standard/Professional/Enterprise server.

Step 7: Open License Manager Tool again, select Import license file, and then click Activate.

SN type:	
O Input SN:	
Import SN file:	Browse
C Activate from dongle	
Import license file:	C:\Documents and Settin Browse
	Activate
	Exit

Step 8: Restart the MainConsole if the activation was successful.



Section 3 - Configuration

Transfer License

Transfer On line

Step 1: Start the License Manager Tool.

Step 2: Select Transfer, and then select On line as Transfer type.

Step 3: Enter the SN (Serial number) and then click Transfer.

Step 4: Restart the Main Console if activation is successful.

🔎 License Management Tool X Activate Transfer SN. Channel Product Status 5F55-6342-16D9-717F 16 activated Transfer type: 🔘 On line Off line Transfer

Transfer (Off line
------------	----------

Step 1: Start the License Manager Tool.

Step 2: Select Transfer, and then select Off line as Transfer type.

Step 3: Enter the SN (Serial number) and then click Transfer.

License Management Tool					
tivate Transfer					
SN	Channel	Product	Status		
5F55-6342-16D9-717F	16		activated		
Transfortuna					
Transfer type:					
On line					
C Off line			Transfer		

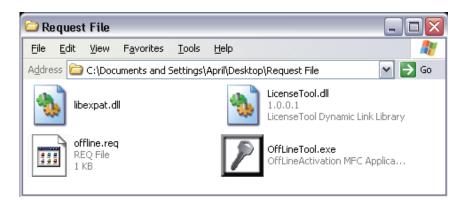
Step 4: Save the **Request File** and restart the MainConsole if activation is successful.

Step 5: Copy the Request File to another PC connected to internet.

Step 6: Run OffLineTool.exe, select Transfer SN and click Transfer to send the Request File to the license server.

Note: Ensure to copy the request file to another PC and then send it to the license server, otherwise the SN cannot be re-activated again.

Step 7: Check if the transfer is complete.

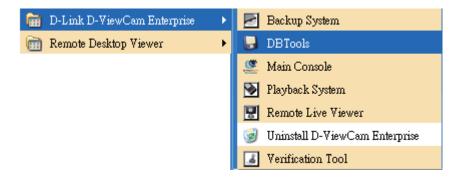


🕑 Off Line Tool					
	Information:				
	Transfer activated SN.				
	Transfer SN:				
	5A71-D23C-09E1-7422				
	Transfer Exit				

f Line Tool 🛛 🔀
rmation:
mplete! Transfer has finished.
nsfer activated SN
=
· · · · · · · · · · · · · · · · · · ·
Transfer
nsfer activated SN. nsfer SN: 71-D23C-09E1-7422

DB Tool

Step 1: Execute DB Tools from the Start menu.



Step 2: Enter the administrator password and click OK to log in.

DBTools login
Please enter password for the administrator of Main Console :
User name: admin
Password:
OK Cancel

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Section 3 - Configuration

Repair Database

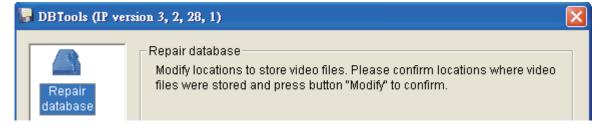
This window has three repair methods: Modify Location, Verify Only, and Repair.

Modify Location

The Playback system can recognize all the recording videos which are listed list on **Main Console > General Setting > Setting > General > Storage**. Users need to use the Playback system to open recording video beyond storage location setting.

Note: The default storage location is in your installation directory, (ex: C:\Program Files\SCB_IP).

Step 1: Select Repair Database.



Step 2: Select Modify Location from the Method drop-down menu.

-Repair data	base				
	Iodify locations to store video files. Please confirm locations where video les were stored and press button "Modify" to confirm.				
Install Path: C:\Program Files\D-Link\D-ViewCam Enterprise					
Method:	Modify Location				

Step 3: Click i and select a new location. To remove a database location, select it from the list and click i to delete location.

Video File Locations	X
C:\Program Files\D-Link\D-ViewCam Enterprise	
J	

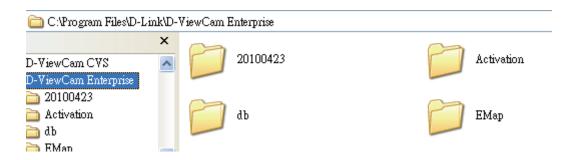
Step 4: Click Modify to save the location.

Modify Result:	2 locations confirmed.		
		Open Log	Modify

Example of modify database

To transfer video from one PC to another, follow this procedure:

1. Manually copy all recorded video data files from the default installation path or other user-defined storage path of the old PC.



2. Manually paste all recorded video files to the default installation path or other user-defined storage path of the new PC.

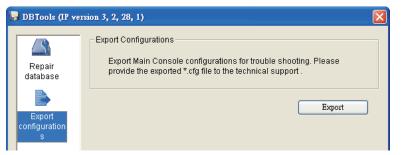
- 3. Follow the previous page to add new location on new PC.
- 4. Old recorded video data can be viewed by the playback system on the new PC.

Verify and Repair

This tool is used to check and repair your database and recording video if the problems below exist:

- (1) If there are records in database, but no video file, use DB Tools to delete records.
- (2) If there are video files but no record in database, use DB Tools to rearrange the database and find these records.

Step 1: Switch to Repair Database.



Step 2: Select Modify Location from the Method drop-down menu.

Repair database
Trepan database
Verify video files stored by surveillance system. Please confirm locations where video files were stored and press button "Verify" to check all files. Fixing database is only needed when verification is failed.
Install Path: C:\Program Files\D-Link\D-ViewCam Enterprise
Method: Verify Only

Step 3: Check the video location. The system will list all the video locations in the table, but if there are any missing locations, please use to insert a location. After inserting the location, the system will show a file count in the table.

File Count:	41

Step 4: Select Verify Only and then click Verify. This method will only check the files without modifying. The Verify Result will show how many files are broken or missing.

Verify Result: 41 files verified, 0 files broken, 0 files missing.				

D-Link D-ViewCam Standard/Professional/Enterprise User Manual

Step 5: Choose the method of Repair (Complete), and click **Repair**. The **Repair Result** will show the number of files that are fixed and inserted.



Step 6: The repair new database will replace the old ones. The original database will change file names with extended repair date and time as shown below.

Name
🔁 EventLog.mdb
PileRecord.mdb
PileRecord.mdb_20080714A121358.mdb
PosRecord.mdb
ScheduleConfig.mdb
SystemLog.mdb
SystemLog.mdb_20080714A121358.mdb

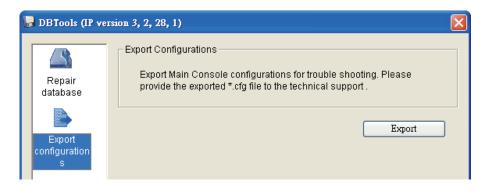
Note: Open Log is a tool to record repair database recodes. It will recode repair method, file operation, start time, and end time.

🝺 dbtool.log - Notepad 📃	
Elle Edit Format View Help	
Operation "Verify Only" is started at (2008/07/14 12:01:17) File Broken: D:\Video/20080708/c00002/c00002s00A20080708112323437.dat File Broken: D:\Video/20080708/c00002/c00002s00A20080708114304625.dat 41 files verified, 2 files broken, 0 files missing. Operation "Verify Only" is finished at (2008/07/14 12:01:19)	
Operation "Verify Only" is started at (2008/07/14 12:13:19) File Broken: D:\Video/20080708/c00002/c00002s00A20080708112323437.dat File Broken: D:\Video/20080708/c00002/c00002s00A20080708114304625.dat 41 files verified, 2 files broken, 0 files missing. Operation "Verify Only" is finished at (2008/07/14 12:13:20)	
Operation "Repair (Complete)" is started at (2008/07/14 12:13:58) File Repaired: D:\Video/20080708/C00002/C00002S00A20080708112323437.dat File Repaired: D:\Video/20080708/C00002/C00002S00A20080708114304625.dat 2 files fixed, 41 files inserted. Operation "Repair (Complete)" is finished at (2008/07/14 12:14:07)	
s	× .::

Export Configuration

This tool is used when you want to export all configuration settings to a backup.

Step 1: Click Export.



Step 2: Select the location you want to export to and type the name of the config file.

Step 3: Click Save.

Save As		? 🔀
Savejn: 隘	D-ViewCam Enterprise	▼ 🗲 🗈 💣 💷 -
dump EMap manual mdb skin	强 ServerConfig.cfg	Go To Last Folder Visited
File <u>n</u> ame:		<u>S</u> ave
Save as type:	Config Files (*.cfg)	Cancel

Remote Desktop Viewer

How to install Remote Desktop Viewer

Step 1: Insert the Installation CD.

Step 2: Go to RemoteDesktopViewer and run the Setup.exe file.

How to Start Remote Desktop Viewer

Step 1: Go to Start > All Programs > Remote Desktop Viewer > Remote Desktop Viewer.

Step 2: Please enter the address, Port, and Password of the server and enable Use 8 bits color level to show steadier screen.

Step 3: Click OK to start Remote Desktop.

👒 Remote Desktop Viewer 🛛 🛛 🔀				
Server:		-		
Port:	5140	Default		
Password:				
Use 8 bits color level				
OK Cancel				

Frequently Asked Questions

1. What languages does the D-ViewCam Standard/Professional/Enterprise software support?

Bulgarian	Chinese (Traditional)	Chinese (Simplified)	Czech	Danish
Dutch	English	Farsi	Finnish	French
German	Greek	Hebrew	Hungarian	Italian
Japanese	Korean	Norwegian	Polish	Portuguese (Brazil)
Portuguese (Portugal)	Romanian	Russian	Serbian	Slovakian
Slovenian	Spanish	Swedish	Thai	Turkish

2. How do I set up E-Map?

Go to Main Console > Start Monitor and then click Open E-map.

- Step 1: Select the map.
- Step 2: Click Browser/Edit Mode.
- Step 3: Click Add Map.
- Step 4: Choose a map and then enter the map name.

Start Monitor All

Start Recording Schedule

Start Smart Guard System

Open Event Report

Open E-Map

Open I/O Control Panel

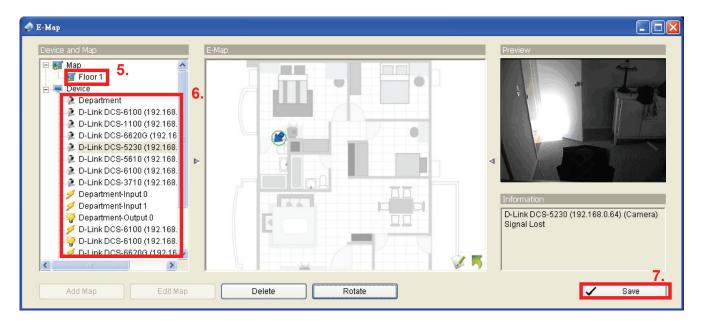
Lock System

🔗 Е-Мар		
Device and Map Map Device Department D-Link DCS-6100 (192.168. D-Link DCS-6100 (192.168. D-Link DCS-5230 (192.168. D-Link DCS-56100 (192.168. D-Link DCS-6100 (192.168. D-Link DCS-6100 (192.168. Department-Input 0 Department-Input 0 Department-Input 0 D-Link DCS-6100 (192.168. D-Link DCS-6620G (192.16 v	E-Map Map Config 4. Map Image File: Map Name: V OK X Cancel 2.	Preview Information Map (Map)
Add Map Edit Map	Delete Rotate	Save

Step 5: Select the Map that you earlier set.

Step 6: Drag and drop the camera or IO device to the map.

Step 7: Click OK to save your settings.



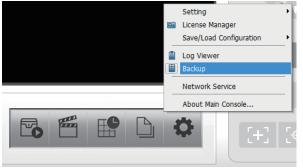
3. How do I backup video files?

The system allows you can backup video record files into CD/DVD or other drives, and view those videos via playback.exe which will also be saved in the backup folder.

Follow these steps to backup your video:

Step 1: Go to Main Console > General Setting > Backup.

Step 2: Click New Period.

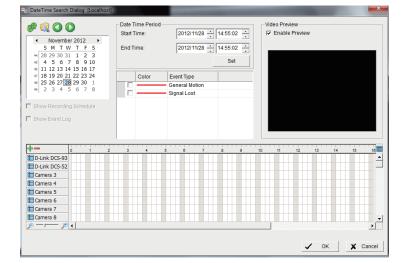


Backup System [Localhost]	1			<u> </u>
Backup Help				
🏠 🗸 🔎 New Period	Remove Period 🛛 🖉 B	ackup 🗙 Delete		
Start Date Time	End Date Time	Camera(s)	Size	

Step 3: Set the Start and End Time.

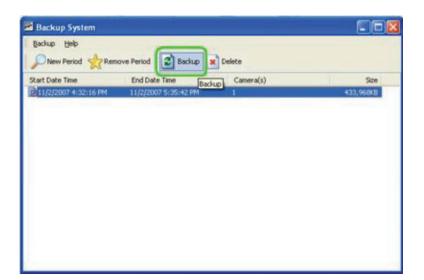
Step 4: Select the cameras that you want to backup.

Step 5: Click OK.



Step 6: Click Backup.

Step 2: Click New Period.



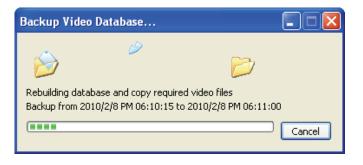
Step 7: Choose a location to backup media.

Step 8: Select Backup Event Log and Backup System Log.

Step 9: Click OK.

Step 10: You can now execute the playback.exe to check your backup files.

Backup	×
Summary Total backup data size: 52,826KB	
Media C Backup using CDROM C Backup using DVD C Backup on HardDisk D:1	
Option Option	
🔽 Backup Event Log	
Backup System Log	J
🗸 OK 🗶 Cancel	



Confirm	ation 🛛 🕅
?	Backup is completed. Do you want to execute viewer?
	<u>Y</u> es <u>N</u> o

3 0 - 5 5	Search 🜔 Folders 🛄 -				
Englocuments and Setting	gripsaurjDesktopijiew Folder				1
	Nate	Soe	Type	Date Modified	
File and Folder Tasks 🚊	20071302		File Folder	11/2/2007 6:53 PH	
1 Make a new fulder	i skan		File Folder	11/2/2007 8:53 PM	
	Brayback:	2,909 KB	Application	10/10/2007 11:10 PM	
Publish this folder to the Web	AVSynchronizer.dll	\$16.88	Application Extension	10/14/2007 3:32 PM	
2 Stare the Tubber	Bert.a	41.03	Application Extension	10(19/2007 1:51 PM	
P. State and some	BidPhs.dl	1,600 KB	Application Extension	3/21/2006 5:32 AM	
	Sing.dl	2,061 KB	Application Extension	10/19/2007 1:52 PM	
Other Places R	Sale42.dl	973 KB	Application Extension	3(21/2006-5:32 AM	
	SMPC43LOC.DLL	36 KB	Application Extension	3/21/2006 5:32 AM	
G Delitor	Srevap60.dl	390 KB	Application Extension	3/21/2006 5:32 AM	
Hy Documents	Snevot.dl	316 KB	Application Extension	3/21/2006 5:32 AM	
Shwed Documents	SN/Codec.dl	105×8	Application Extension	10/19/2007 1:53 PM	
A My Computer	Singround .	295 KB	Application Extension	10/14/2007 3:32 PM	
	Sauch	11 KB	Application Extension	10(19/2007 11:20 AM	
Hy Network Places	Snurysd.dl	1,096.08	Application Extension	10/14/2007 3:32 PM	
	Sparsedatapacket.dl	40.68	Application Extension	10/16/2007 3:32 PM	
Details (2)	SPortlayM4.dt	568 KB	Application Extension	10/14/2007 3:32 PM	
Details	Band	77 KB	Application Extension	10/19/2007 1:50 PM	
	d)t-entiog	104 48	Mcrosoft Office Acc	10/14/2007 3:29 PM	
	PleRecord	200 KB	Microsoft Office Acc	11/2/2007 8:53 PM	
	(d) SystemLog	100 KB	Mcrosoft Office Acc	10/14/2007 3:29 PM	
	difficiencond	1.00	Microsoft Office Acc	11/2/2007 8:53 PM	

4. How do I enable audio in Live Streaming for IP cameras?

In order to save bandwidth, the default setting for audio is disabled. This function must be enabled manually. Please follow the steps given below.

Step 1: Go to **General Setting > Setting > General** and enable **Preview Active Channel**.

The default channel means the background audio of camera channel.

Startup	Storage	Status Display
Statup Main Console Schedule Recording System Smart Guard System Lve Streaming Server Remote Playback Server Remote Desktop Server Central Management Service Full Screen Auto Lock System Auto Lock Setup	Location Image: The state of the stat	Glaub Shiphay
Miscellaneous Automatically popup event report Minimize to system tray Remain Smart Guard Synchronize video frames DDNS Service	Log Recycling Audio Prevlew Default Channel (Not Used) Enable Audio on Active Channel Volume	Auto Reboot Enable Auto Reboot Every Day _ at 01.00 AM _

Step 2: Switch audio channels to hear audio.

If you choose sub-screen 1, you will hear audio from camera 1 or if you choose sub-screen 2, you will hear audio from camera 2.

Note: If you don't choose any sub-screen, you will hear audio from the default channel.



5. How do I record audio for Network Cameras?

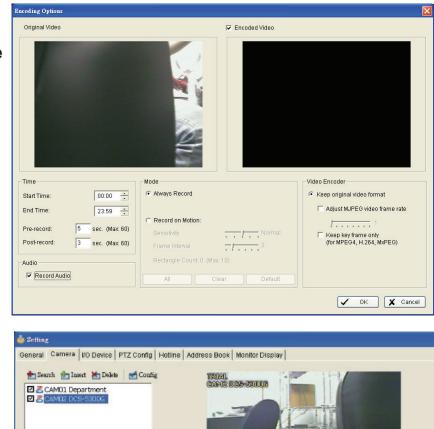
Step 1: Execute Main Console and go to Schedule > Configure
> enable Record Audio and click OK.

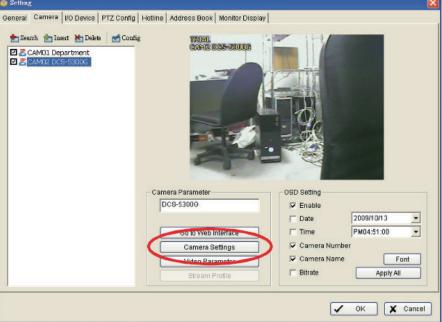
Step 2: Start Recording Schedule.

6. How do I change the recording frame rate and the resolution for network cameras?

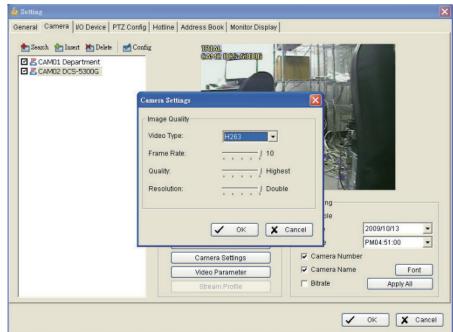
Step 1: Open Main Console and go to General Setting > Setting > Camera.

Step 2: Select the camera to change the frame rate.





Step 3: Click **Camera Settings** to change the frame rate, resolution, and quality.



7. How do I set multiple storage paths for video recording?

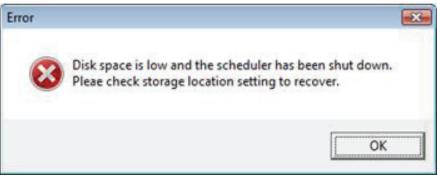
The Main Console allows you to set up several hard disk drives as storage. When the first hard disk is almost full (the capacity is less than 800MB on system disks or 100MB on non-system disks), the Main Console will try to find a second storage with enough capaity. If it is not available, then the system will start recycling the data, if auto-recycling is enabled.

Go to Main Console > Setting > General > Storage Location to modify your settings.

Startup	Storage	Status Display
Main Console Schedule Recording System	Location	Current Date
Smart Guard System	C:\Program Files\D-Link\D-ViewCam Profes	Current Time
Live Streaming Server Remote Playback Server		Free Disk Space
Remote Desktop Server	Enable Disk Load Balance	F IP Camera Bitrate
Central Management Service	Automatic Recycle:	User Defined Text 1
Auto Lock System Auto Login	Recycle when disk space is less than 10 %	User Defined Text 2
Setup	C Only keep video for 7 days	
	Log Recycling	
Miscellaneous	Audio Preview	Auto Reboot
Automatically popup event report	Default Channel (Not Used)	Enable Auto Reboot
Minimize to system tray Remain Smart Guard	Enable Audio on Active Channel	Every Day 💌
Synchronize video frames	Volume	at 01:00 AM 💌
DDNS Service		

8. Why do I see "Disk space is low and the scheduler has been shut down. Please check the storage location setting to recover"?

Please follow the steps below to solve this issue.



Step 1: Verify the following settings and configuration.

- Ensure the auto recycle, auto login, auto startup and schedule options are enabled in the Main Console.
- Remove NOD32 antivirus since it generates a large amount of log files (.tmp files) that occupy a lot of hard drive space and causes the recording to stop.
- Do not adjust the system clock once the recording is started.
- Do not unplug a removable disk when the system is recording.
- Check if any quota limit is set in your hard drive.
- Check if the hard drive is set as "read only" or if a folder name "1" exists.
- Check if the hard drive has bad sectors inside or damaged.
- Make sure you are not using the network hard drive.

Step 2: Verify if the system stops recording which is caused by insufficient hard drive space.

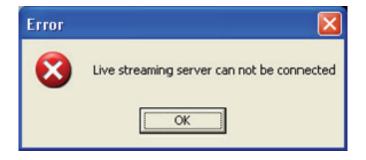
- Check if the recording paths are the same in FileRecord.ini and Storage location.
- Remove the oldest video folders or move them to another hard drive.
- Check the dberr.log. This log file can be found in D-ViewCam installation folder. If there are a lot of Eventlog and Systemlog errors in dberr.log. Eventlog.mdb and Systemlog.mdb might be oversized due to frequent events or scheduler is set as record on motion while the cameras focus on a dynamic background.
- The system's hard drive space must be more than 800 MB and the data hard drive space must be more than 500 MB for recording.

If you still experience this problem, then stop recording and use DB tools to repair/rebuild database.

9. Why do I get "Live streaming server can not be connected" message?

In general, this error message is caused by network problem, so always check your network connection first.

If you are connecting to a remote server or device through WAN. Please make sure the remote server or device is not behind a router's firewall or the port is forwarded properly to bypass the router's firewall.



10. Why do I get a "Cannot load database template. Please re-install the system to solve the problem" message?

You will receive this error message if the Mainconsole has experienced a critical error when loading the database.

This problem is frequently observed on Windows Vista due to its tightened security system.

There are two ways to fix this error.

1.) Turn off UAC in control panel on Windows Vista.

2.) Enable the privilege level option in compatibility tab in Main Console properties.

11. Why do I get a "Missing or corrupted resource files. Please re-install the system to solve the problem" message?

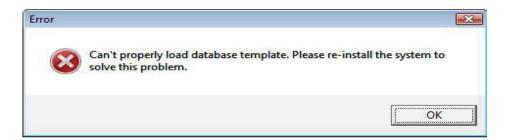
This error message occurs when the software failed to execute the necessary file for the requested operation.

1. When loading the Main Console:

The skin files or database may be corrupted to cause this error message. Please uninstall the software, and install the latest version.

2. When loading ActiveX of web live viewer/ playback

Please follow the instructions below for troubleshooting.



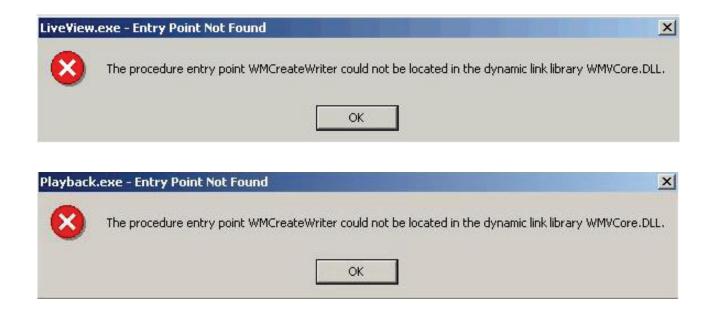


Step 1. Turn off UAC in control panel on Windows Vista.

Step 2. Enable the privilege level option in compatibility tab in Main Console properties.

12. Why do I get a "The procedure entry point WMCreateWriter could not be located in the dynamic link library WMVCore. DLL." message?

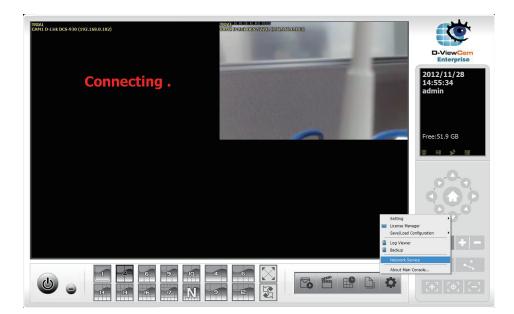
If you see this error message, then please upgrade your windows media player and this problem will be fixed.



Please download the latest Windows media player here, http://www.microsoft.com/windows/windowsmedia/default.mspx.

13. How do I start network services?

Step 1: Go to General Setting > Network services.



Step 2: Please remember to click on the services you want to start in Main Console.

Streaming Image: Central tanagement Central tanagement State Image: Central tanagement State State <t< th=""><th>Live</th><th>Main Black / White List Perform</th><th>0</th><th>Kill</th><th>Kill All</th></t<>	Live	Main Black / White List Perform	0	Kill	Kill All
Central tanagement Port: 5150 Default Maximum Connections: 64 I Use Default Web Server Port: 80 I Save Log LiveServer.log	Remote Playback Remote	Service	Camera		
		Port: Maximum Connections: I Use Default Web Server Port: I Save Log	LiveS	64	

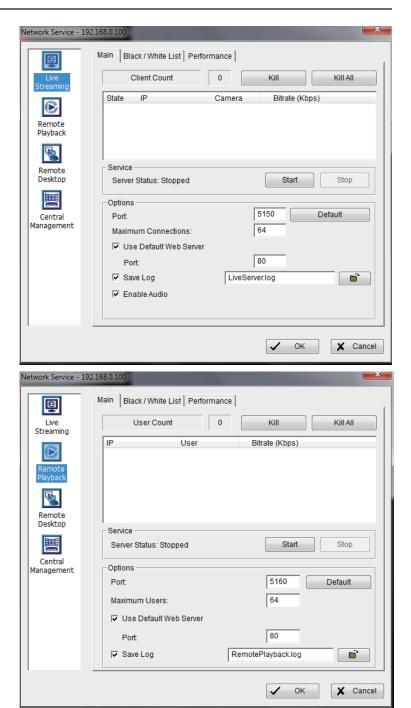
14. How to configure my PC/Server to allow remote access to Viewer and Playback?

In order to view remote live viewer and remote playback from the internet, there are two things you have to do.

Step 1: Start Network Service in Main Console. To start, go to Main Console
 > General Setting > Network Service and then start this service.

- The default port number for live streaming is 5150.
- The default port number for remote playback is 5160.
- The default port for web browser is 80.

If you want to modify, please don't forget to set it to port forwarding on your router.



If you see the following error message, this means that your port 80 was occupied by the another device, therefore, you have to change the port number.

Step 2: Enable port forwarding in your router and then find the public IP address of your router and set port forwarding on the router to NVR LAN IP.
You can see the public IP address of your router in the configuration menu.
You can also configure NAT (or port forwarding) port 80, 5150 and 5160 to your NVR's LAN IP (e.g. 192.168.3.30) in the router.
Port forwarding is similar to the example given below: You have to forward 3 ports, one for 80, one for 5150 and one for 5160.

All 3 ports should point to e.g. 192.168.3.30

After you have successfully forwarded the 3 ports in your router, you will be able to access remote live viewer and remote playback from the internet.

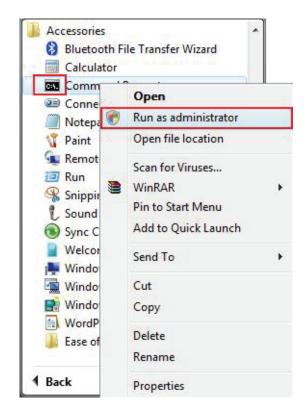
15. Why can't I see live view and video playback on Internet Explorer after upgrading to the latest version?

This is often caused by old temporary IE components in Windows. Please remove these IE components and reinstall ActiveX to solve the problem.

Step 1: Close IE and its related applications first. Otherwise some files may be locked during removal. If your OS is Vista, please run "Command prompt" as an administrator or you will not be able to remove these components.



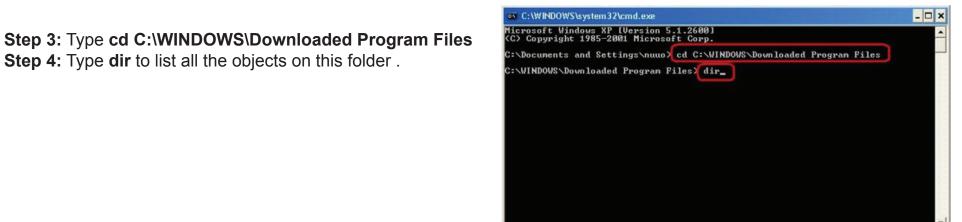
Can't start build-in web server. Please check if other application occupied port 80.



Step 2: Go to Start > Run > enter cmd and press OK.

Step 4: Type dir to list all the objects on this folder .

? 🗙 Run Type the name of a program, folder, document, or Internet resource, and Windows will open it for you. cmd Open: Y OK Cancel Browse ...



Step 5: Type del /s. Note: Don't forget to add (.) after /s

Step 6: Keep pressing Y until you are prompted to delete all the files in the folder.

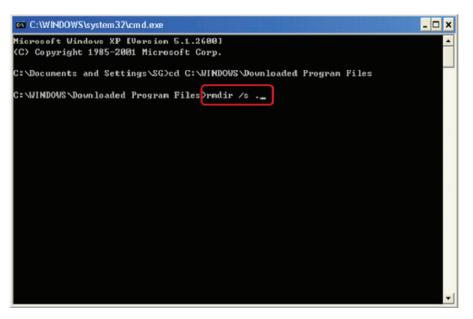
09/12/2008 04:00 08/28/2008 09:00 12/09/2005 04:22 08/28/2005 04:22 08/28/2007 02:22 10/03/2007 08:41 10/03/2005 05:22 09/24/2008 12:00 09/24/2008 11:55	PM PM PM PM A PM	1,400 309,488 49,152 333,712 382,864	NUSYcp.dll NUSWebAll.inf PØØRecImage.dll parsedatapacket.dll pmjpegaudio.ocx pmjpegam.ocx	
08/28/2008 08:05 08/28/2007 02:24 10/03/2007 08:41 11/30/2005 05:20 09/24/2008 12:00	5 PM 4 PM 1 AM 5 PM	309,488 49,152 333,712 382,864	P00RecImage.dll parsedatapacket.dll pmjpegaudio.ocx	
08/28/2007 02:24 10/03/2007 08:41 11/30/2005 05:20 09/24/2008 12:02	1 PM AM 5 PM	49,152 333,712 382,864	parsedatapacket.dll pmjpegaudio.ocx	
10/03/2007 08:41 11/30/2005 05:20 09/24/2008 12:02	AM	333,712 382,864	pmjpegaudio.ocx	
11/30/2005 05:20 09/24/2008 12:02	5 PM	382,864		
11/30/2005 05:20 09/24/2008 12:02	5 PM			
		76,024	ProfileAccess.dll	
09/24/2008 11:58	PM .	2,782,536	RACtrl.dll	
	AM .	663	RACtrl.inf	
08/25/2008 12:0	PM	77,894	rtp.dll	
06/06/2007 09:54	I AM	843,776	RtspVapgDecoder.dll	
12/14/2007 07:12	PM	947,712	RtspVapgDecoderNew.dll	
01/17/2007 02:50	PM		setup.inf	
10/04/2008 08:08	PM	247	swflash.inf	
07/18/2007 02:54	I PM	245,408	unicows.dll	
03/30/2005 10:18			VAPGDecoder.dll	
09/13/2007 01:20	PM	827,392	VATDecoder.dll	
09/11/2008 09:5	7 PM	643,147	WebRPB.ocx	
08/21/2008 02:21	7 PM	1,072	WebUiewS.inf	
09/11/2008 09:54	I PM	446,542	WebUiewS.ocx	
39	File(s)	16,144,89	7 bytes	
0	Dir(s)	2,410,991,610	6 bytes free	

Step 7: Type rmdir /s .

Step 8: Continue pressing **Y** when prompted to clear up the remaining files in the folder

Step 9: Type **dir** and press **Enter** to check if the folder is empty.

Step 10: Re-install your ActiveX with web remote client.



16. What default ports are used for network service?

The default ports can be changed, but we strongly recommend you avoid using ports below 1024 because they are often used by other system services.

Service	Port	Purpose
Live streaming	5150	Communication between desktop remote live viewer and Main Console
Default web server	80	Access protocol of web based remote client

Remote playback	5160	Communication between desktop remote playback and Main Console	
Remote desktop	5140	Remote access to Main Console	

17. How to enable audio for the remote live viewer application and Internet Explorer browser?

Please right click on the screen and select Enable Audio.

If you are using network cameras, go to **Main Console > General** Setting > Setting > Camera > Camera Settings.

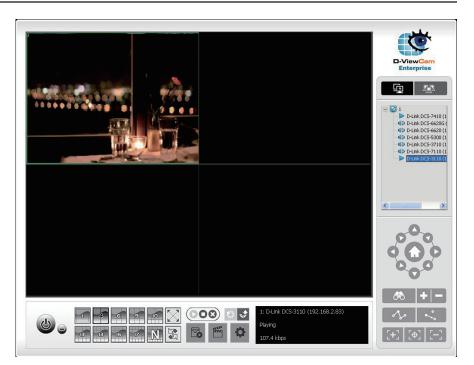
Right click on the screen and select **Enable Audio**.

If you are using analog cameras, please go to **Main Console > General Setting > Setting > Audio Preview**.

Startup	Storage	Status Display
Main Console	Location	Current Date
Schedule Recording System	C:\Program Files\D-Link\D-ViewCam Profes	Current Time
Smart Guard System		
Live Streaming Server		I Login User
Remote Playback Server		Free Disk Space
Remote Desktop Server	Enable Disk Load Balance	📁 IP Camera Bitrate
Central Management Service		User Defined Text 1
Full Screen	Automatic Recycle:	
Auto Lock System	Recycle when disk space is	
🗖 Auto Login	less than 10 %	User Defined Text 2
Setup	C Only keep video for 7 days	
	Log Recycling	
Miscellaneous	Audio Preview	Auto Reboot
Automatically popup event report	Default Channel (Not Used) 💌	Enable Auto Reboot
Minimize to system tray Remain Smart Guard	Enable Audio on Active Channel	Every Day 💌
Synchronize video frames	Volume	at 01:00 AM 👻
DDNS Service		

Go to remote live viewer and right click on the screen to check **Enable Audio**.



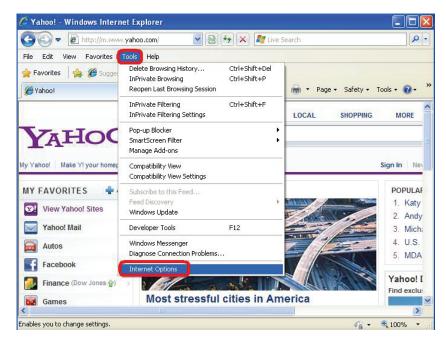


18. Why Internet Explorer 8 doesn't work well with software version 3.0?

In order to install ActiveX in an IE 8 environment, we need to set up the following.

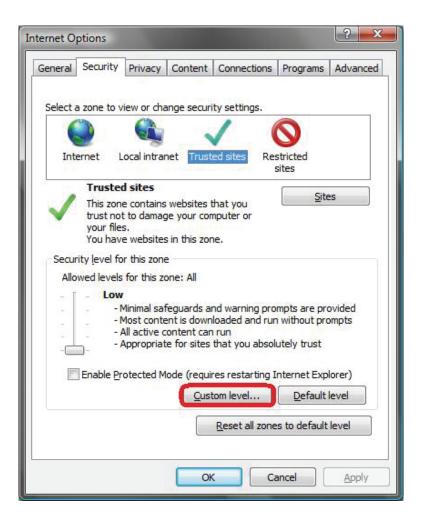
Ensure vcredist_x86.exe has already been installed.

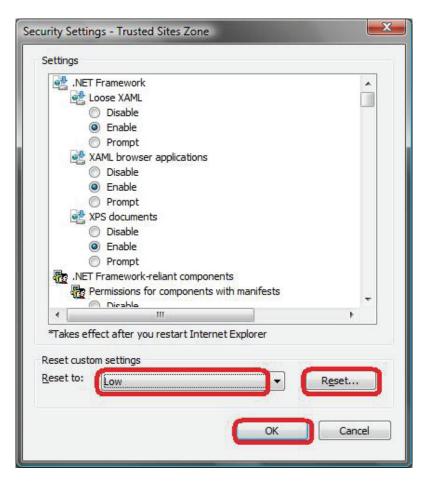
Step 1: Add the Server IP into Trusted Web Site.



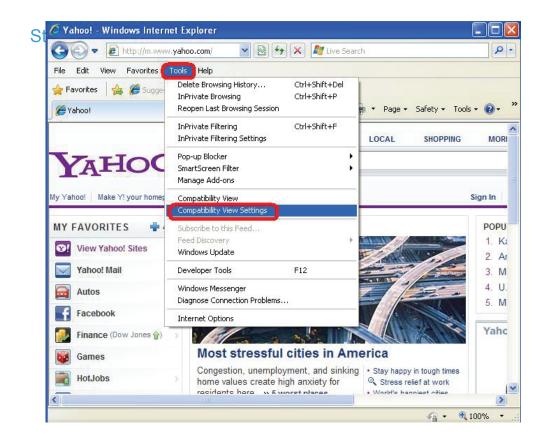
Internet Options
General Security Privacy Content Connections Programs Advanced
Select a zone to view or change security settings.
Trusted sites This zone contains websites that you trust not to damage your computer or your files. You have websites in this zone.
Security level for this zone
Allowed levels for this zone: All
Low Minimal safeguards and warning prompts are provided Most content is downloaded and run without prompts All active content can run Appropriate for sites that you absolutely trust
Enable Protected Mode (requires restarting Internet Explorer)
Custom level Default level
Reset all zones to default level
OK Cancel Apply

You can add and remove websites from this zone. All websites it this zone will use the zone's security settings.	3
Add	n
	-
Websites:	וי
[http://192.168.1.100] Remove	
Come of the second se	
Require server verification (https:) for all sites in this zone	
Close	

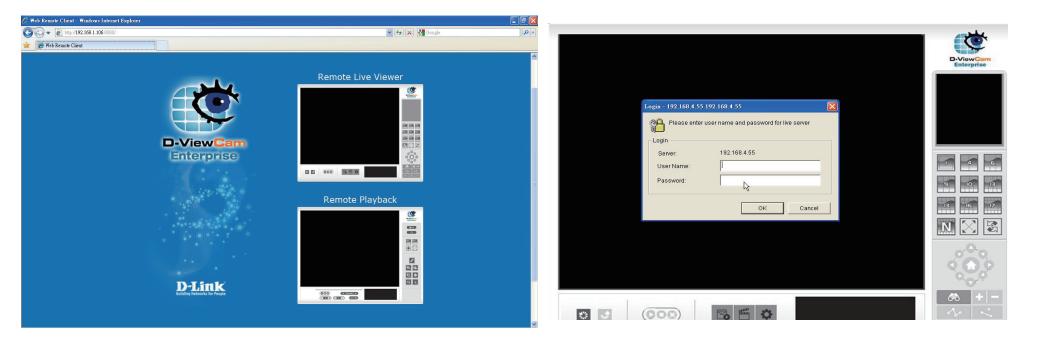




Step 2: Go to Tools > Compatibility View Settings and add the Server IP Compatibility View Setting.

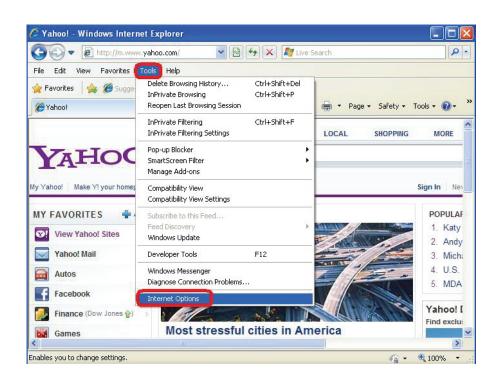


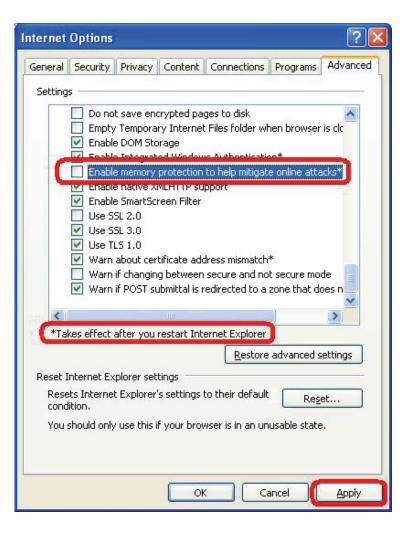




Enjoy 3.2 web live viewer with Internet Explorer 8.

Step 3: If the instructions above doesn't work, please try the following method. (Optional)





19. What is the version of my software?

Go to Main Console > General Setting > About Mainconsole.



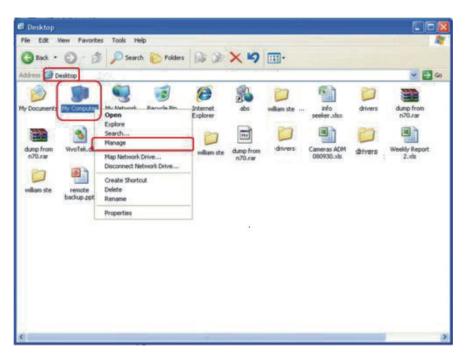
20. How do I get the Windows system log and application log?

System log

Step 1: Go to Desktop > right click on My Computer > Manage.

Step 2: In Computer Management, go to System Tools > Event Viewer > System.





Step 3: Right click on System > Save Log File As...

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d Otserver		Convor	10/13/2008	10:32:30	Application Hang	(1943)	1002	Nin	SHAWN	
1 Internet		Otror	10/13/2008	10:32:29	Application Hang	(104)	1002	NIA	SHAWN	
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		Genor	10/2/2008	11:10:15		None	1	NA	SHAWN	
		Dinformation	10/2/2008	10:56:09		None	11707	56	3568/466	
		Disformation	10/2/2008	10:53:43		None	11728	56	SHAWAS	
		Dinformation	10/2/2008	10:53:41		None	11707	56	SHAWN	
		Dinformation	10/2/2008	10:51:29	MoDrokaller	None	11707	56	SHAWN	
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My Recent Documents	My Music My Pictures	Files					
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My Computer	File name:	system			-	• (Save
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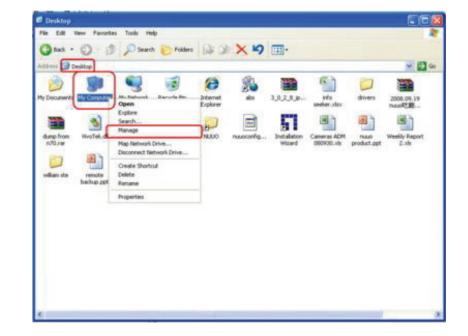
Step 4: Type **system** as file name and save file as .evt format Please name the file as **system** so we know that it is a system log file.

Application Log

Step 1: Go to Desktop > right click on My Computer > Manage.

Step 2: In Computer Management > System Tools > Event Viewer > Application.

Step 3: Right click on Application > Save Log File As...



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Step 4: Type **application** as file name and save file in .evt format.

Note: Please name the file as **application** so we know that it is an application log file.

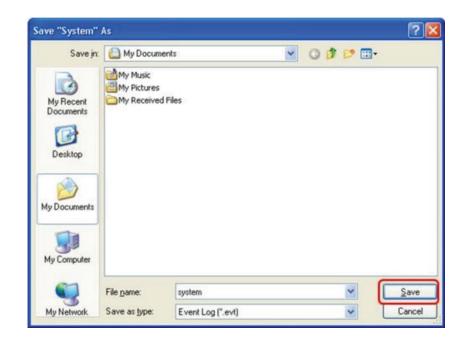
21. How many user accounts can I create?

You can create an unlimited number of user accounts.

22. How do I setup local area network?

D-ViewCam Standard/Professional/Enterprise supports both LAN and WAN. If your surveillance system does not have internet access, you can setup a private network or LAN to establish networking between Mainconsole and other network devices such as an IP camera.

Setup with static IP Step 1: Go to Control Panel > Network Connections.



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Step 2: Right click on Local Area Connection > Properties.

🔇 Back + 🔘 · 🍠 🔎 Search 🜔 Folders 🕼 🐊 🗙 📢 🏢 -(31+11) C. Network Connections 👻 🛃 Go Type Status Device Name Phone # or Host Add Broadband Disconnected WAN Mrsport (PPPOE) LAN or High-Speed Interne Local Area Correr LAN or High-Speed Inter... Connected Realtek RTL0160C(P1/01... LAN or High-Speed Inter... Connected 1394 Net Adapter New Connection Woard Woard Network Setup Woard Woard ? 🗙 👍 Local Area Connection Properties General Authentication Advanced Connect using: Realtek RTL8168C(P)/8111C(P) PCI-Configure ... This connection uses the following items: Client for Microsoft Networks ☑ ➡ File and Printer Sharing for Microsoft Networks Roc Packet Schedule Internet Protocol (TCP/IP) Install. Uninstall Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. Show icon in notification area when connected Notify me when this connection has limited or no connectivity

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Step 3: Select Internet Protocol(TCP/IP) > Properties.

OK

Cancel

000

Step 4: Select **Use the following IP address** and update the fields as shown in the picture. [192.168.1.1] and [192.168.1.254] is normally occupied by the router or other network devices, so please try to avoid using these IP addresses.

Please note that you will only be able to access IP addresses between the same subnet address, such as [192.168.1.1 to 192.168.1.254].

Setup with dynamic IP

We strongly discourage assigning dynamic IP address to IP cameras that are based on DHCP. The IP address of each IP camera is temporary so whenever the address is reassigned, the camera will lose connection permanently to your D-ViewCam Standard/Professional/Enterprise server unless you manually rematch the camera's new IP address to D-ViewCam Standard/Professional/Enterprise server.

23. What should I do when I see this pop-up UAC message?

When using Windows Vista, the system will pop-up the following message to stop your D-ViewCam.

	• Use the following IP address	
	IP address:	192.168.1.10
	Sybnet mask:	255 . 255 . 255 . 0
d	Default gateway:	· · · · · · · · ·
s n ˈs	Obtain DNS server address Other following DNS server: Preferred DNS server: Alternate DNS server:	
	OK Cancel	
	- InstallShield Wizar	rd X
	InstallShield Wizzy	rd

You can get IP settings assigned automatically if your network supports

Internet Protocol (TCP/IP) Properties

General

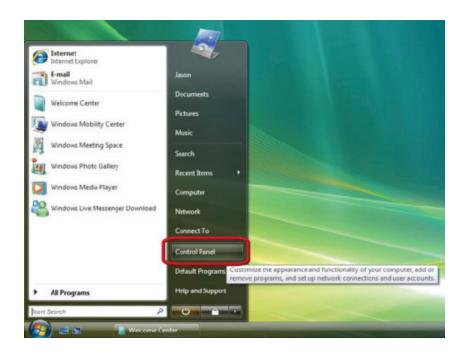
D-Link D-

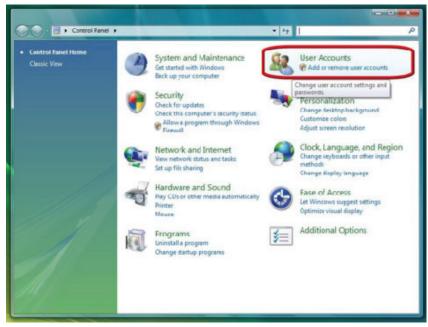
OK

? ×

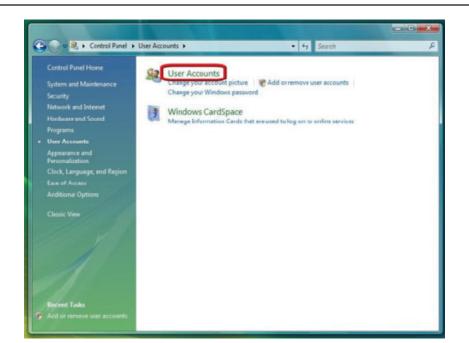
1.) Go to Control Panel.

2.) Click on User Accounts.

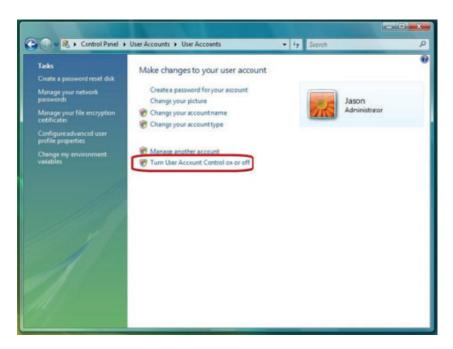




2.) Click on User Accounts.

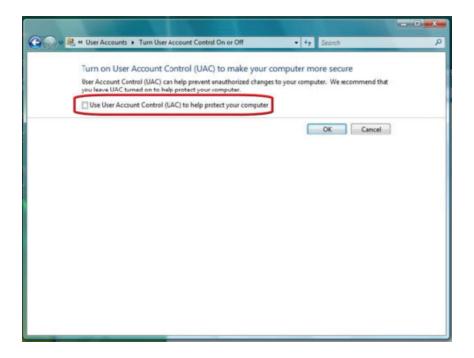


4.) Click Turn User Account Control on or off.



5.) Click to deselect **Use User Account Control (UAC) to** help protect your computer.

6.) Click **OK** and restart Windows.



24. What type of network does the D-ViewCam Standard/Professional/Enterprise support?

D-ViewCam Standard/Professional/Enterprise supports both LAN and WAN. If your surveillance system does not have internet access, you can setup a private network or LAN to establish connection between the Main Console and other network devices such as network camera.

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1.1 LIVE555 Streaming Media (www.live555.com/liveMedia/, GPL v2)

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