

Version 1.01

Business Class Networking

Manual Overview

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Manual Revisions

Revision Date Description		
1.0	November 5, 2014	DCS-250 with firmware version 1.00
1.01	February 10, 2015	Added IVS information

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Product Overview

System Requirements

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

CPU	Intel Core 2 Duo E5300	
RAM	2 GB	
Hard Disk	250 GB or above	
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	
	32 bits: Microsoft Windows XP pro SP3/ Vista SP1/ Win 7 SP1/Win 8	
OS	64 bits: Win 7 SP1/ Win Server 2008 R2/Win 8/Win Server 2012	

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 Plus. This state-of-the-art video management software is a comprehensive surveillance system designed to centrally manage up to 32 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 Plus software.

Key Features

- D-ViewCam Plus automatically locates and adds network cameras in the local network
- Storage management for recording files
- Single and multiple video stream monitoring (up to 32 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 Plus, please make sure you have installed your D-Link network camera(s) that will be managed by D-ViewCam Plus.

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 Plus software.

Step 3 - Please refer to the Add camera(s) section in the next section Software Installation for more information.

Software Installation

Download the D-ViewCam Plus software from the following site:

http://download.hq.dlink.com/DCS-250/

Extract the software to a folder, then run the **SetupTool.exe** file.



SetupTool.exe

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.

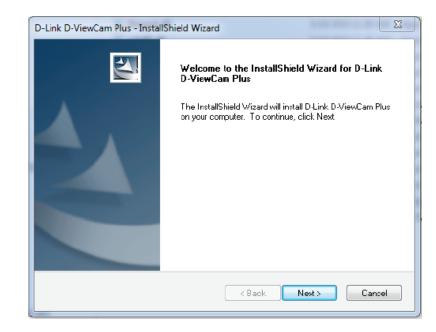
1. Click **Next** to continue.

1	D-Link D-ViewCam Surveillance System Setup Tool
	Welcome Welcome to Install/Update/Remove D-Link D-ViewCam Surveillance System
	C D-Link D-ViewCam Plus
	< Back Next > Cancel

Choose Setup Language Select the language for the installation f	rom the choices below.	
Bulgarian Chinese (Simplified) Chinese (Traditional) Croatian Czech Danish Dutch English (United States) Finnish French (Standard) German Greek Hungarian Italian Jananese		

2. Select which language you want to install it, Click **Next** to continue.

3. Click **Next** to continue.



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

D-Link D-ViewCam Plus - InstallShield Wizard
License Agreement Please read the following license agreement carefully.
LICENSE STATEMENT All title and copyrights in and to the SOFTWARE PRODUCT are owned by D-Link Corporation, its affiliates, 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 pronerty rights of D-Link is strictly forbidden. Client shall not reverse engineer
I accept the terms of the license agreement Print I do not accept the terms of the license agreement
InstallShield Cancel

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

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

COMPLETE SETUP TYPE

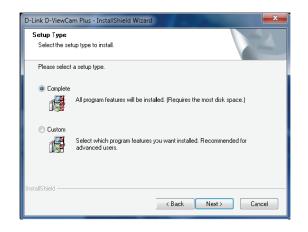
Select **Complete** to install all the program features into the default directory (requires the most disk space) and click **Next** to continue.

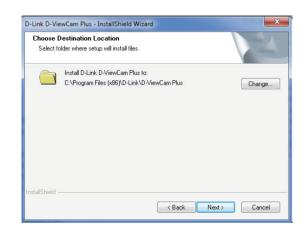
CUSTOM SETUP TYPE

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

- 7. Select **Custom**, and then click **Next**. The Choose Destination Location window will appear.
- 8. To install to a different folder, click **Change** and select another folder Click **Next** to choose with components are installed.

Customer Information Please enter your informat	ion.
Please enter your name ar	nd the name of the company for which you work.
User Name:	
User	
Company Name:	
7	
D-Link	
7	

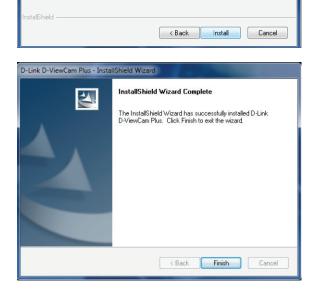




- 9. Select the features you want to install and click **Next** to continue. The five main features in the server setup process are:
 - Main Console
 - Playback
 - LiveView
 - Backup
 - Verification
- 10. To continue the installation to the specified folder with the chosen components, click **Install**.

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

Select Features	Notes of
Select the features setup will install.	
Select the features you want to install, and	deselect the features you do not want to install.
r	Description
Playback	The main control console of
	the Surveilance System.
■ Backup ■ Verification	
- I officially	
239.63 MB of space required on the C driv 24052 40 MB of space available on the C driv	
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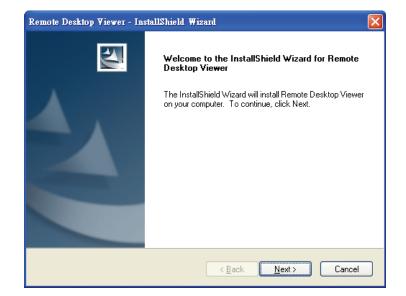
Section 2 - Installation

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.

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



Remote Desktop Viewer - InstallShield Wizard
License Agreement Please read the following license agreement carefully.
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. * SOFTVVARE 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 < <u>Back N</u> ext > Cancel

- 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

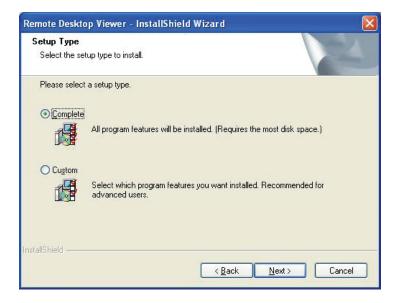
Select **Complete** to install all the program features into the default directory (requires the most disk space) and click **Next** to continue.

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.

Remote Desktop Viewer - InstallShield Wizard	
Customer Information	and a
Please enter your information.	Contraction of the local division of the loc
Please enter your name and the name of the company for which you work.	
UneMana	
User Name:	
Company Name:	
InstallShield	
< Back Next>	Cancel



- 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.

esktop Viewer - InstallShield Wizard	
Destination Location Ider where setup will install files.	X
Install Remote Desktop Viewer to: C:\Program Files\non_branded\RmtDskViewer	Change
	Cancel
	Destination Location older where setup will install files. Install Remote Desktop Viewer to:

lect 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.
<mark>-</mark> Remote Desktop Viewer	Description
3.81 MB of space required on the C drive 3368.65 MB of space available on the C drive	

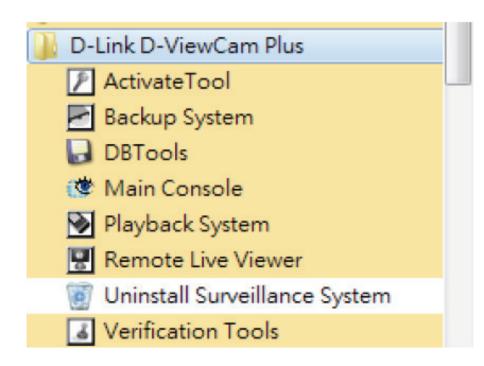
- 8. Click Install to start the installation.
- 9. Click **Finish** to complete the installation.

Remote Desktop Viewer - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	Z
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. Click the wizard.	. Cancel to exit
InstallShield	
< Back Install	Cancel

Remote Desktop Viewer - I	nstallShield Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed Remote Desktop Viewer. Click Finish to exit the wizard.
	K Back Finish Cancel

D-ViewCam Plus Login

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

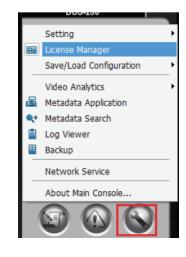


First Execution of Main Con	isole System
D-ViewCam DCS-250	D-Link Building Networks for People
Please enter password fo	or administrator
User Account:	admin
Password:	
Password Confirm:	
	✓ OK X Cancel

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.



License Management Tool			 X
Activate Transfer			
SN	Channel	Product	Status
Activate type			
Online activation:			
Input SN:			
C Import SN file:			
C. Activate from dong	B		
		[Activate
C Offline activation:			
Step 1 : Export server	information (ile:	
🖉 Manual key-in S	sivian Offine	Tool	
C Activate from do	ongle		
		Export off	fine pack
Step 2 : Use "Offline T file.	ool" to activa	te license and get o	minelicanse
Step 3 : Import offline	license file:		
		[Import
			Exit

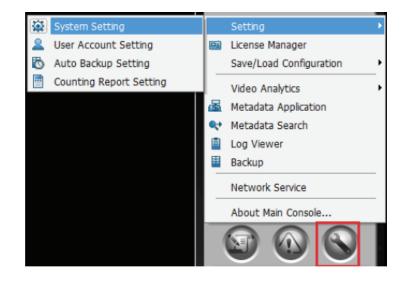
Add Camera(s)

- Once the console loads, click General Setting A 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).

3. Select a **Camera**.

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



Searching IP Camera	l		St	op Scan
Ib	Vendor	Model	МАС	
- IP Camera Option Camera Name:				
User Name:				

 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.

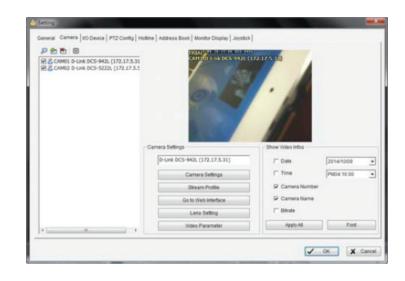
□ 172.17.5.145 D-Link DCS-930L f0-7d-68-06-0b-13 □ 172.17.5.120 D-Link DCS-942L f0-7d-68-07-e7-88 □ 172.17.5.39 D-Link DCS-2132LB1 28-10-7b-1f-92-c1 □ 172.17.5.5 D-Link DCS-942L 28-10-7b-1b-cf-e3 □ 172.17.5.31 D-Link DCS-942L 28-10-7b-14-4a-36 ☑ 172.17.5.76 D-Link DCS-914 28-10-7b-16-20-ab □ 172.17.5.147 D-Link DCS-6113V 00-ab-cd-ab-cd-ef-f20-ab □ 172.17.5.251:8081 D-Link DCS-2100G 00-13-46-da-e8-83	IP	Vendor	Model	MAC
□ 172.17.5.120 D-Link DCS-942L f0-7d-68-07-e7-88 □ 172.17.5.39 D-Link DCS-9132LB1 28-10-7b-1f-92-c1 □ 172.17.5.5 D-Link DCS-942L 28-10-7b-1b-cf-e3 □ 172.17.5.31 D-Link DCS-942L 28-10-7b-14-4a-36 ☑ 172.17.5.76 D-Link DCS-942L 28-10-7b-1f-20-ab □ 172.17.5.147 D-Link DCS-3714 28-10-7b-1f-20-ab □ 172.17.5.251:8081 D-Link DCS-6113V 00-ab-cd-ab-cd-ef-ef □ 172.17.5.251:8081 D-Link DCS-2100G 00-13-46-da-e8-83	172.17.5.125	D-Link	DCS-932L	f0-7d-68-08-71-25
□ 172.17.5.39 D-Link DCS-2132LB1 28-10-7b-1f-92-c1 □ 172.17.5.5 D-Link DCS-942L 28-10-7b-1b-cf-e3 □ 172.17.5.31 D-Link DCS-942L 28-10-7b-14-4a-36 ☑ 172.17.5.76 D-Link DCS-3714 28-10-7b-14-4a-36 ☑ 172.17.5.76 D-Link DCS-6113V 00-ab-cd-ab-cd-ef-ff-20-ab □ 172.17.5.251:8081 D-Link DCS-2100G 00-13-46-da-e8-83 IP Camera Option	172.17.5.145	D-Link	DCS-930L	f0-7d-68-06-0b-13
□ 172.17.5.5 D-Link DCS-942L 28-10-7b-1b-cf-e3 □ 172.17.5.31 D-Link DCS-942L 28-10-7b-14-4a-36 ☑ 172.17.5.76 D-Link DCS-942L 28-10-7b-14-4a-36 ☑ 172.17.5.76 D-Link DCS-3714 28-10-7b-1f-20-ab □ 172.17.5.147 D-Link DCS-6113V 00-ab-cd-ab-cd-ef-ef-ef-ef-ef-ef-ef-ef-ef-ef-ef-ef-ef-	172.17.5.120	D-Link	DCS-942L	f0-7d-68-07-e7-88
□ 172.17.5.31 D-Link DCS-942L 28-10-7b-14.4a-36 ☑ 172.17.5.76 D-Link DCS-3714 28-10-7b-14.4a-36 □ 172.17.5.76 D-Link DCS-3714 28-10-7b-1f-20-ab □ 172.17.5.147 D-Link DCS-6113V 00-ab-cd-ab-cd-ef □ 172.17.5.251:8081 D-Link DCS-2100G 00-13-46-da-e8-83 IP Camera Option	172.17.5.39	D-Link	DCS-2132LB1	28-10-7b-1f-92-c1
☑ 172.17.5.76 D-Link DCS-3714 28-10-7b-1f-20-ab □ 172.17.5.147 D-Link DCS-6113V 00-ab-cd-ab-cd-ef □ 172.17.5.251:8081 D-Link DCS-2100G 00-13-46-da-e8-83 IP Camera Option	172.17.5.5	D-Link	DCS-942L	28-10-7b-1b-cf-e3
□ 172.17.5.147 D-Link DCS-6113V 00-ab-cd-ab-cd-ef □ 172.17.5.251:8081 D-Link DCS-2100G 00-13-46-da-e8-83 IP Camera Option	172.17.5.31	D-Link	DCS-942L	28-10-7b-14-4a-36
IP Camera Option	▼ 172.17.5.76	D-Link	DCS-3714	28-10-7b-1f-20-ab
IP Camera Option	172.17.5.147	D-Link	DCS-6113V	00-ab-cd-ab-cd-ef
	172.17.5.251:8081	D-Link	DCS-2100G	00-13-46-da-e8-83
User Name: admin Password:	IP Camera Option —— Camera Name:			.5.76)

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).

Delete: Click **E Remove** button to remove the selected IP camera(s) from the system. Click OKto finalize the modification.

Config: Click Config button to obtain the IP Camera/Video Server Setting panel. You can modify the IP camera settings with the Setting panel.



- 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.
 - 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 drop-down 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.

Network	
Name:	ink DCS-942L (172.17.5.31)
IP Address:	172 . 17 . 5 . 31 🗖 DNS
Port:	80 🗆 HTTPs
User Name:	admin
Password:	
Protocol:	C TCP C UDP . HTTP
Camera Nodel: Video Channel:	DCS-942L _
Description	
Video Codec:MPEG4 Audio Codec:PCM Camera:1, DI:0, DO:0	

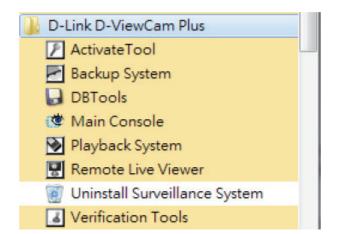
D-ViewCam Plus Interface Overview

This section will show you how to start and configure D-ViewCam Plus.

To start D-ViewCam Plus, go to Start > All Programs > D-Link D-ViewCam Plus > Main Console.

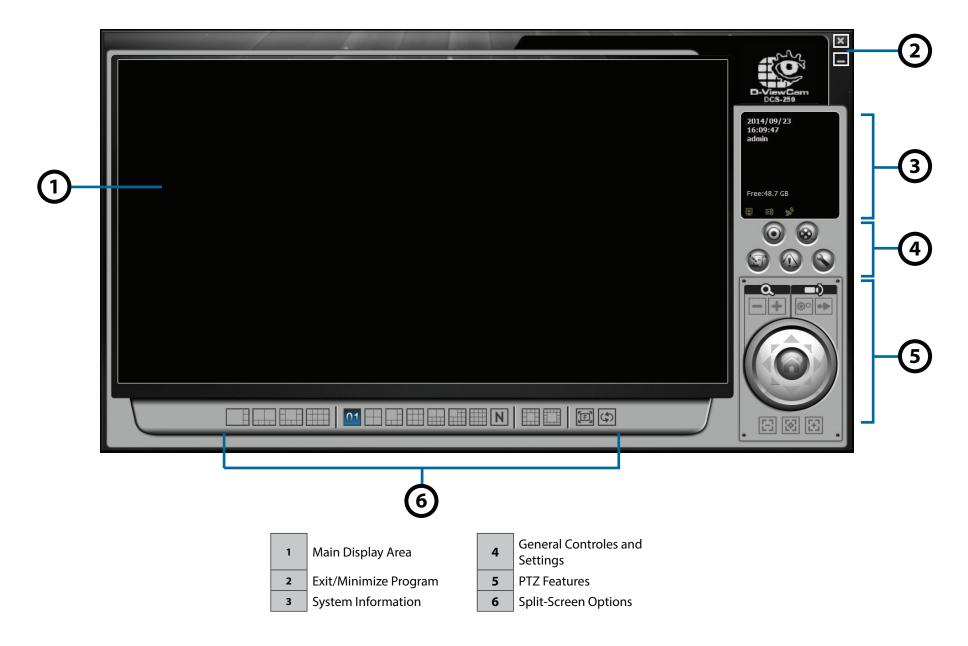
Enter **Admin** as the default username and your password. Click **OK** to log into the system.

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 Plus 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 many different 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.

Displays 4 screen	Divides into 1 screen	Divides into 10 screens	Divides into 13 screens
Divides into 6 screens	Divides into 4 screens	Divides into 13 screens	Divides into 17 screens
Divides into 9 screens	Divides into 6 screens	Divides into 16 screens	Switch to full screen
Divides into 12 screens	Divides into 9 screens	Divides into N screens	Rotate all screens

Wide Screen Options

The following options are only available under wide screen resolutions (1440x900, 1680x1050, 1920x1080, 1920x1200)

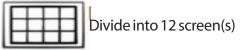


Divide into 4 screen(s)



Divide into 6 screen(s)





Information Window

Display date, time, free Disk space, IP Camera Bit Rate customized text and further information like temperature, fan speed, system resources, and network utilization

5 network service icons indicate which services are switched on or off.

	Live View	Playback	3GPP	Desktop	CMS
Start	@			40	
Stop	e			K a	

Note: To customize information about window's setting, go to General Setting > Setting > System Setting > General > Status Display.

Start Monitor

Start Monitor All		
Start Recording Schedule		S
Start Smart Guard System		
Start Counting Application		S
Enable Secondary Display		S
Open Event Report		
Open E-Map		S
Open Resource Report		Ε
Open Stream Usage Panel		_
Open I/O Control Panel		0
Lock System		
		0
		0
		ο
	'	

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.		
Start/Stop Counting Application	Click to start or stop the counting application.		
Enable Secondary DisplayClick 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 Resource Report	Click to open Resource Report		
Open Stream Usage Panel	Click to open Stream Usage Panel for monitoring stream usage status.		
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 Plus User Manual
```

Section 3 - Configuration

Notes:

1. To automatically activate the Recording Schedule and Smart Guard when the MainConsole starts, go to **General Setting > 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 on the **Start Monitor** icon and select from the menu to start/stop recording schedule system or the guard system features. You can also open monitor tools such as event report, E-Map, I/O control panel, and system lock.



Playback:

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



Schedule:

Organize the recording time schedule and configure recorder settings. See the **Schedule** section for details.



Smart Guard System:

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 general settings, user account settings, save/ load configuration settings, access log viewer and backup files, and configure network services. See the **Config** section for details.

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.

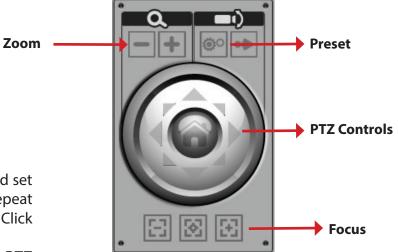
Preset/Go

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**.



Group 1 Group 2 Group 3 Group 4	
Group Name : Group 1 Period: -J Active @ @ @ @ @ 	5 sec.

You can set 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 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 and get the "On Screen" menu, from which you can quickly adjust the settings of your camera.

Camera Setting

Click to go to the camera setting page for General Setting

Enable Talk

With cameras that support two-way audio, select **Enable Talk** to utilize the function.

Enable Digital PTZ

To enable the PTZ functions of the camera, select the **Enable Digital PTZ** option. Use the 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 correspondent view of the camera.

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 screen. The list of cameras will be displayed in the right column of the monitor display panel.

Delete Camera

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

Fix Aspect Ratio

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

Instant Playback

Instant Playback function allows you to play the last few minutes of any live video channel. Simply right Click Live Channel and select Instant Playback to access the recorded video.

	Camera Setting	
â	Enable Talk	
_	Enable Digital PTZ	
ž	Connect	
.	Disconnect	
	Show Camera	Þ
	Delete Camera	
	Fix Aspect Ratio	
	Instant Playback	۲
	Snapshot	
	Snapshot from Main profile	
	Manual Record	
	Toggle Fullscreen	

Snapshot

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

Snapshot from Main profile

Select the snapshot function to capture a specific video image frame from camera main profile immediately. You have the options to copy the image to clipboard or to save it

Stream Profile

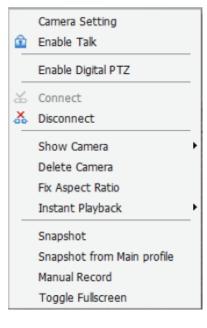
Select different level Stream Profiles to downgrade video quality for bandwidth concerns.

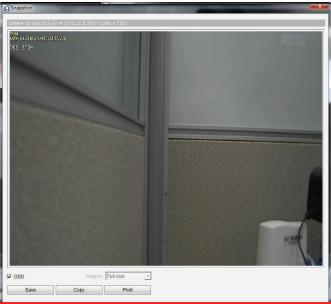
Manual Record

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)		Add to first free channel
Duplicate camera (duplicate cam 2)	12	Add to first free channel
Delete camera (delete cam 2")		1 2 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.



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.

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.

Startup	
Main Console	
Schedule Recording	System
Smart Guard System	
Counting Application	
Live Streaming Serve	r
Remote Playback Se	rver
GRP Server	
Remote Desktop Ser	ver
Central Management	Service
Full Screen	
Auto Lock System	
Auto Login	Setup

Auto Login Setup	x
User Account:	
Password:	
Password Confirm:	
*Fill in second password while Dual F	Password Validation is set.
Second Password:	
Password Confirm:	
Minimize after login	
Ŀ	V OK X Cancel

Storage

Location:

Assign the default folder for the system to store data files. It is recommend that you don't save in the system drive (C:\) to avoid a drop in your PC's performance when free storage is low.

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

Video Recycling:

This option allows the user to configure different recycle criteria for different cameras and for different recording modes of the same camera.

General setting: Set the standard limit to let the system recycle automatically. The system will start to recycle if the disk space is less than the indicated percentage (default is 10%, minimum is 5%).

Option setting: Set different recycle days for Record 1 / Record 2 in order to keep different lengths of recordings.

Allow exception: Drag and drop the camera(s) to the right panel and it will pop up a window allowing the input of special recycle criteria. In the example below, the 2 recordings of the first camera were configured with different recycle criteria: Record 1: 7 days; Record 2: 30 days.

If you expect a recording will utilize all available space, you can leave the keep x days option blank. By setting this, the symbol will become "-", and the length of Record 2 will depend on the remaining available space. This also means this recoding has the lowest priority, so it would be recycled first when disk space is insufficient in order to meet recording settings.

Location	
C:\Program Files (x86)\D-Link\D-ViewCam
Enable Disk Lo Same Volume I	ad Balance (Recommend Disk)
Recycle Setup:	
Recycle Setup: V	ideo Recycling

General setting. Always keep	10	% disk spa	ice.		
Optional setting, kee	ep defined recor	rding days			
Conly keep	7	da	(s) for Record 1.		
Conly keep	7	da	(s) for Record 2.		
Allow exception					
Select camera to c			Exceptional recycle dur		Edit
Camera			Camera	Record1	Record2
COLOR DCS-					
		•			
		•			
		•			
		•			
C I D-Link DCS-	942L (172.17.	•	Setting setup (% of disk		

Note:

- 1. The system will detect the storage space of default location, if the default storage space is exhausted, the video will be stored on the next available directory.
- 2. If all the locations exceed the storage rule, the system will start recycling.
- 3. Recycle priority: keep % of disk space > keep x days > keep days.
- 4. Recycle example:

Example 1: Set "keep 10% of disk space"; Current available space is still more than 10%, ex: 15%.

- A. For the recordings set as "keep x days": Main Console will start to delete the oldest recording when it's data length reach X days.
- B. For the recordings set as "keep days": Main Console will continue recording and will start deleting the oldest recording when available disk space reaches 10%.

Example 2: Set "keep 10% of disk space"; Current available space is 10%.

- A. For the recordings set as "keep days": Main Console will start to delete the oldest recording. The new space after deletion will be used to store the recording which is set as "Keep X days".
- B. For the recordings set as "keep X days": Main Console will start to delete the oldest recording when it's data length reaches X days.
- C. Main Console continues to delete the oldest recordings of "keep days" until there remains only 1 day. Then, Main Console will start to delete the oldest recordings from "keep x days" in order to follow the rule of keeping 10% of disk space.

Log Recycling: Click the button to obtain the **Advanced Recycle Setting** panel. Set the days that you want to keep the event or keep all event logs within interval of video files.

Recycle Exception	1	×
_		
Camera:	/S_Shopping	Mall
- Exceptional re	cycle dration:	
🔽 Кеер	7	day(s) for Record 1.
🔽 Кеер	30	day(s) for Record 2.
		V OK X Cancel
		Cancer

Camera:	Carnera 08	
xceptional	recycle duratio	on:
🔽 Keep	7	day(s) for Record 1.
Г Кеер		day(s) for Record 2.

Event Log: Delete the event log data that is older than the number of days set.

System Log: Delete the system log data that is older than the number of days set.

Counting: Delete the counting application data that is older than the number of days set.

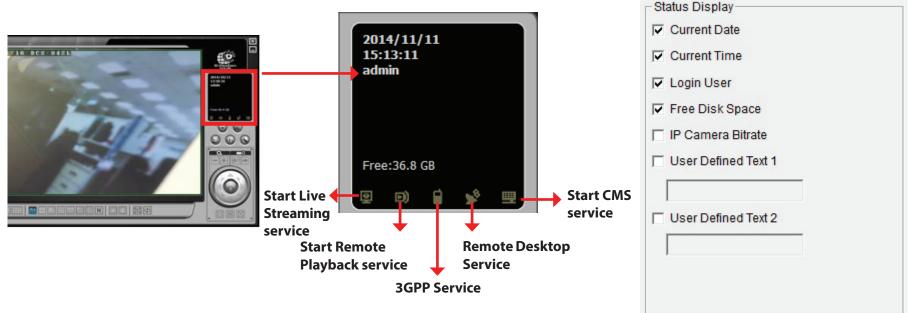
Metadata Transaction: Delete the metadata transaction data that is older than the number of days set.

Resource Report: Delete the Resource report data that is older than the number of days set.

Advanced Recycle Setting
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
Counting
C Keep counting log within interval of video files
Keep counting log for 90 days
Metadata Transaction
C Keep Metadata transaction within interval of video files
Keep Metadata transactioin for 90 days
Resource Report
C Keep resource report within interval of video files
Keep resource report for 90 days
Export and Backup Log
C Keep export and backup log within interval of video files
Keep export and backup log for 14 days
C Keep export and backup log forever
V OK X Cancel

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 button to minimize the application to 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.

ର

Volume: Use the volume bar to adjust volume.

System plays audio of the default channel





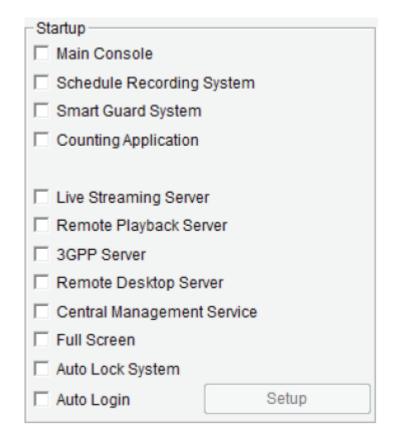
Enable DDNS		
Provider	DynDns	-
User name		
Password		
Host name		
Update period		16 minutes
	🖌 ок	X Cancel

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.

Enable Auto Reboot	
Enable Auto Rebool	
Every Day	•
at 01:00 AM	•



Camera

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

Add Camera

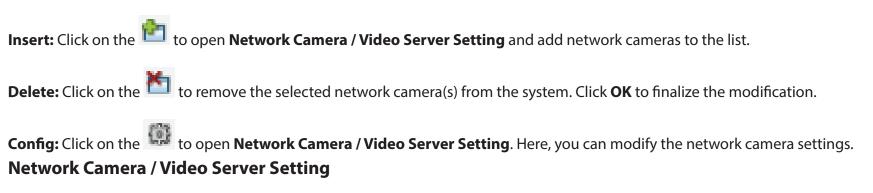
The Search, Insert, Delete and Config functions are included in the Setting window.

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.

🎄 Setting		and the second sec	x
General Camera I/O Device PTZ Config	Hotline Address Book Monitor Display Joystick		
CAM01 D-Link DCS-3714 (172.17.5.11 S CAM02 D-Link DCS-942L (172.17.5.31 S CAM02 D-Link DCS-942L (172.17.5.31	TRIAL CAM1 D-Link DCS-3714 (1	72.17.5.113	
	Camera Settings	Show Video Infos	
	D-Link DCS-3714 (172.17.5.118)	☐ Date 2014	/10/13 💌
	Camera Settings	Time PM02	:11:00 👻
	Stream Profile	🔽 Camera Number	
	Go to Web Interface	🔽 Camera Name	
	Lens Setting	Eltrate	
4 III •	Video Parameter	ApplyAll	Font
		О К	X Cancel



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.

Name:	ik DCS-3714 (172.17.5.118)
IP Address:	172 . 17 . 5 . 118 🗆 DNS
Port	80 🗆 HTTPs
User Name:	admin
Password:	
Protocol:	CITCP CUDP CHTTP
Device	
Vendor:	D-Link Auto Detect
Camera Model:	DCS-3714 -
Video Channel:	⊡ 1
Description Video Codec:MPEG4 Audio Codec:G.726 G Camera.1, DI.2, DO:1	9.711 AAC

Camera Parameter

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.

Camera Settings: Set the camera parameter such as resolution and frame rate offered by camera vendor. If the camera supports Multi-stream, you can enable the function by checking "**Enable Multi-Stream**".

Note: The multi-stream function allows the main console to receive 3 different video streams. Please check device pack support list for supported features.

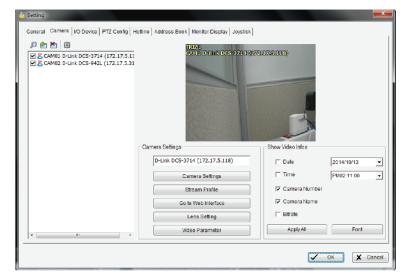
Note: Not every camera model supports multi-stream configuration, please refer to the latest camera support list to see if multi-stream is supported.

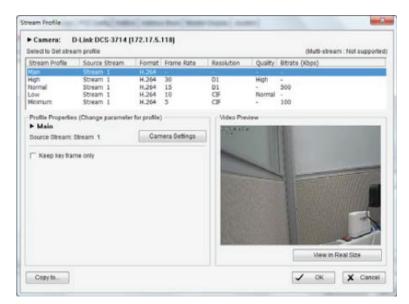
Stream Profile: Stream profiles are pre-defined to preferred settings which will respond from the query of the remote live view function. Each profile has different Format, Frame, Resolution, Quality and Bit rate (Kbps) settings.

For cameras that support the Multi-stream function, the 3 different source streams can be connected to Main console and automatically mapped to different stream profiles. Click a **stream profile** to select the source stream you would like to change.

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

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





Camera Settings

Video Format: Select the video format for the footage.

Frame Rate: Select the frame per second.

Resolution: Select the resolution.

Bitrate Type: Select the bitrate mode.

Bitrate: Select the bitrate amount.

mera Settings	-	×
Set camera stream qu 🔲 Enable Mult-stream		
Camera : D-Link DCS	S-3714 (172.17.5.11	8)
Video		
Video Format:	H.264	-
Resolution:	1280x720	•
Frame Rate:	30	•
Bitrate Type:	CBR	•
Bitrate:	2M kbps	•
Quality:	Excellent	-
Audio		
Enable Microphone	e	
🔽 Enable Speaker		
Image Adjustment		
Enable Flip		
Enable Mirror		
🗸 ОК	X C	ancel

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 10 (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).

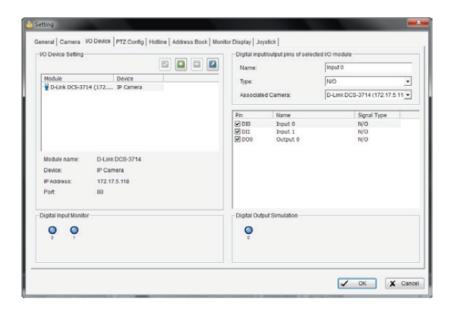
OSD (On-Screen Display) Settings

Ch	ioose 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.



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.

Digital 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.

Digital 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

PTZ Config

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

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

Advanced Setting

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

Miscellaneous

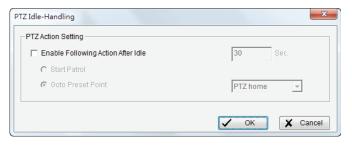
PTZ Idle-Handling: By enabling this function, the PTZ camera will automatically go back to a default preset point when no PTZ commands are under action during a period or start patrol.

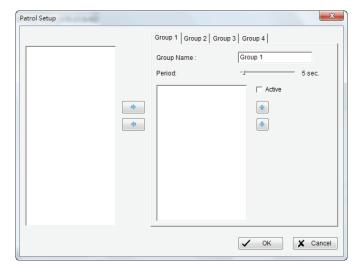
Patrol Group: Click to setup a patrol group.

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**.

	3
	3
Zoom Speed:	······· 3
PTZ Idle-Handling	Setup
Patrol Group	Setup
	Advanced Setting Pan Speed: Tilt Speed: Zoom Speed: Miscellaneous PTZ Ide Handling PtZ Ide Handling





Hotline

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

E-Mail *SMTP Server:		*Port:	25	Telephone Modem:		•
*E-Mail Sender:				Wave File:		
E-Mail Subject:	<no subject=""></no>			Automatic hangup afte	r	30 sec
Body Content:			*	Make test phone call to):	
SMTP server needs authe	entication	E s	SL.		Dial	Hang Up
User Account:						
Password:		Send Test I	Mail	GSM modem	None	•
FTP		_		Baud Rate:	115200	<u> </u>
*Server:		*Port:	21	PIN Code:		
*Login ID:				Interval:	1	minutes
*Password:				Send a test message	to:	
Upload directory:	1					
		Upload Test F	ile			Test

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				— ×	
General Camera I/O D	evice PTZ Config	Hotline Address Book M	onitor Display Joystick		
Please input the name a					
User Name:					
Phone:					
E-Mail:					
Description:					
	,	Add	Clear Modi	ify Remove	
Contact persons				iy Keniove	
User name	Phone	E-Mail	Description		
				V OK X Cancel	

Monitor Display

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

Setting General Camera VO Device PTZ Config Primary Secondary Select Channel Config Confi	O2 D-Link DCS-942L (172.17.5.31)	Auto Scan Primary Channel (Not Used) Secondary Channel (Not Used) Auto-scan Interval 2 sec. Layout		
		🗸 ОК 🗶 Са	ancel	

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.

Layout: Choose the number of divisions for NxN division on the Main console screen.

Joystick Setting

You can choose any function from the drop-down menu to assign to the button on the joystick

Note: Following is a complete list of all functions:

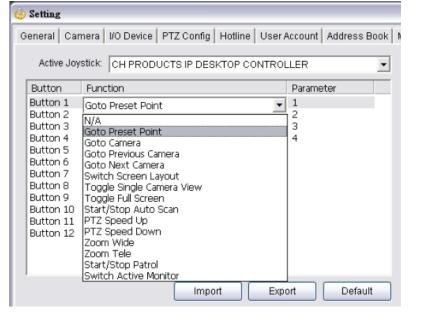
1. N/A	9. Start/Stop Auto Scan
2. Goto Preset Point (including Home)	10. PTZ Speed Up
3. Goto Camera	11. PTZ Speed Down
4. Goto Previous Camera	12. Zoom Wide
5. Goto Next Camera	13. Zoom Tele
6. Switch Screen Layout	14. Start/Stop Patrol
7. Toggle Single Camera View	15. Switch Active Monitor
8. Toggle Full Screen	

Parameter: You can choose the parameter of the function from the drop-down menu.

Default: You can set the default setting for the joystick.

Export: You can export the setting of the joystick.

Import: You can import the setting of the joystick.



Active Jo	vstick: CH PRODUCTS IP DESKTOP	CONTROLLER	•		
autton	Function	Parameter			
utton 1	Goto Preset Point	1			
lutton 2	Goto Preset Point	2			
utton 3	Goto Preset Point	З			
lutton 4	Goto Prasat Point	4			
utton 5	Goto Previous Camera				
utton 6	Goto Next Camera				
	Topple Single Camera View				
	Toggle Full Screen				
	Switch Screen Layout				
	Switch Active Monitor PTZ Speed Down				
	PTZ Speed Up				
	Import	Export De	fault		

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.

Basic Users



Create and modify the content of each user account under User Account Setting:

User name: Insert the user name.

Group: Assign the group for each user.

There are 3 default privilege profiles of account groups:

Admin: Have privileges of all system functions and devices, except adding/ deleting/modifying privileges of other users.

Power User: Have limited privileges of system functions and complete privileges of assigned devices.

User: All the privileges of system functions are forbidden. Users can only manage assigned devices.

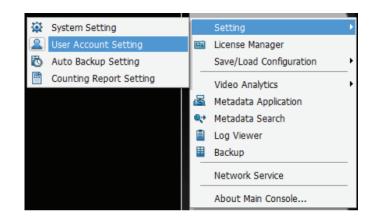
Description: Insert the description related to each user.

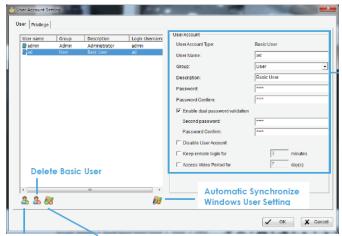
Login Username: the user account display name when login.

Password: Insert the password assigned to each user.

Password confirm: Insert again to confirm the password.

Enable dual password validation: Insert the second password assigned to each user. If this function enabled, the second password will be required for certain operation depends on the setting of "Privilege" page.





Add Basic User Add/Remove/Synchronize Windows Use

Disable User Account: By checking this option, the account's access to the system will be blocked. Disabled accounts will be marked with a cross on the



Note: Only the default admin account cannot be disabled.

Keep remote login for ____ **minutes:** Insert the duration to auto kick out account after logging in from Remote Live Viewer or Remote Playback server. **Access Video Period for** ___ **day(s):** Insert the duration for the account to access video period.

Windows Users

Click 🌌 to add/remove/synchronize Windows Users.

Select User

Check users or folders under **Select Active Directory user(s)** and click **OK** to add Windows Users.

Click Select All to check all available users and folders, or click Deselect All to uncheck all users.

Group Mapping:

Selected Windows users will be grouped according to default mapping: You may modify group setting for each user later under the User Account page.

Click **OK** when you are done adding Windows users. Synchronization results will be displayed for confirmation.



MSAD Group	Mainconsole Group
Administrator	Admin
Guest	User
Other	PowerUser

Please refer to the default solution for all conflicts:

New accounts added from AD domain: Add to Mainconsole

Accounts from AD domain removed: Delete from Mainconsole

Account description modified: Update description

Encountered admin account:

Skip admin account

Newly added account from AD domain conflicts with existing basic user account:

Replace basic user account

Uncheck items to skip applying solution to Mainconsole user account settings. For example, if you uncheck an "Add to Mainconsole" solution, the new account will not be added to Mainconsole's user account list.

Sel Administrator 管理電影/装装的角速振序 Add to MainConsola Sel Demonstration Add to MainConsola Sel USER Add to MainConsola Sel SUPPORT_3 建晶磁取相反式拨频符的称数根户 Add to MainConsola Sel SupPort 3 建晶体取相反式拨频符的称数根户 Add to MainConsola Sel HolpAssistant 完成透镜器的前期户 Add to MainConsola	Demonstration Add to MainConsole USER Add to MainConsole SUPPORT_3 建基键则将及支援服務的術育概戶 Add to MainConsole	🗹 🕮 Administrator	strength (BBA) is classified and strength of the	
■ 全 載 SUSER Add to MainConsole ■ 動 SUPPORT_3 注意電気に可及支援服務的原資係P Add to MainConsole	USER Add to MainConsola SUPPORT_3 建晶酸脱钙及支援脱弱的原酶原产 Add to MainConsola		管理电阻的标助内建制户	Add to MainConsole
■ SUPPORT_3 建基德酰氨及支援服務的廠商集戶 Add to MainConsola	SUPPORT_3 建基蒽醌酮及支援服務的廠商標戶 Add to MainConsola	Semonstration		Add to MainConsola
		🗹 🖳 USER		Add to MainConsole
☑ 💁 HelpAssistant 現共遠端協称前期戸 Add to MainConsola	HalpAssistant 提供邀樂品成的第一 Add to MainConsola	SUPPORT_3	建是國民病及支援服務的原商長戶	Add to MainConsole
		🗹 🚉 HelpAssistant	是供透嘴協欢的棋户	Add to MainConsole

Section 3 - Configuration

Automatic Synchronize Windows User Setting

Instead of manually adding and updating Windows users, you may also config the system to automatically synchronize all Windows users at a specific period.



Automatically synchronize Windows users:

Check to enable automatic synchronization.

Synchronized period:

Config the synchronization to start every ____ days.

Synchronized time:

Define at what time the synchronization should start. **Note:** Auto synchronization will apply all default solutions to conflicts. Privilege: Define detailed privilege of functions and devices for each user account.

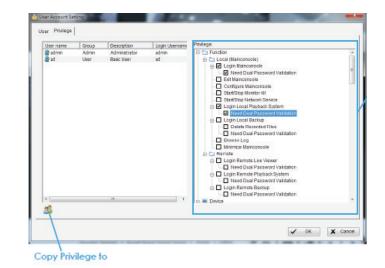
Function: General Setting settings, operation related, system General Setting, and privilege of remote access.*

Device: General Setting device privileges of camera, digital output and metadata sources in Mainconsole and client applications.

Copy Privilege to...: Click this button to copy privilege settings of any account to another.

Note: The privilege of default admin account cannot be configured. "Setup TV-Out function" is not available if there is no SCB-7108/7116 card installed.

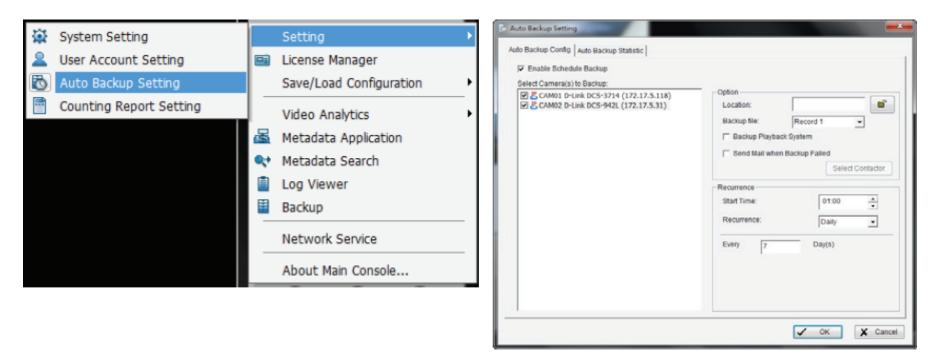
Automatically Synchronized De	ting	X
- Automatically synchronized sa	atro	
🗟 Automatically synchronic	e Windows users	
Synchronized period	1 D m(n)	
-Benchristiged time:	10.10	
	V OK X Cancel	
	A CALL	



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.

Format Setting:

- Report format: Select report format (Diagram / .CSV) and file name prefix.
- Advance setting: Customized column name for .CSV format.

E-mail Setting:

• Synchronize with Hotline E-Mail setting: Click this option to synchronize the setting and not be asked to input the information again. Skip the option to input all necessary information of an SMTP server.

FTP Setting:

• Synchronize with Hotline FTP setting: Click this option to synchronize the setting and not be asked to input the information again. Skip the option to input all necessary information of an FTP server.

Current Backup Status: 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	

Basic Mode:	@ Basic C	cunting	C Adv. IVS Counti	00	
Frequency.	Hourty	•	Send every	1	• Hour(s
Start from	16:58	-	To	16:58	
Resend if first tr	ansmiting fails	к. —			
Retry interval:		1	Min(s)		
Retry times:		10			
Report through:	2				
F E-Mail					
FTP					

Counting Report Setting

Configure system to automatically send out the people counting report via E-mail or FTP periodically.

General setting:

Mode: Select counting source you would like to backup.Frequency: Define the report frequency.Resend if first transmitting fails: Setup retry internal and times.Report through: Select report method.

Format Setting:

Report format: Select report format (Diagram / .CSV) and file name prefix. Advance setting: Customized column name for .CSV format.

E-mail Setting:

Synchronize with Hotline E-Mail setting: Click this option to synchronize the setting so no need to input information again. Skip the option to input all necessary information of an SMTP server.

FTP Setting:

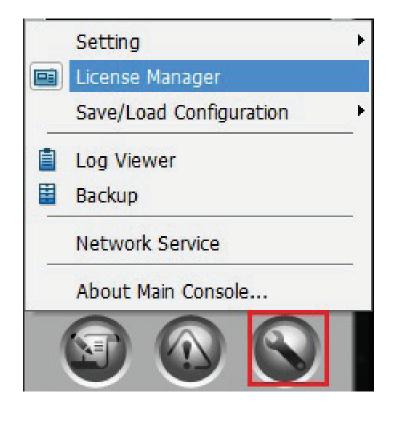
Synchronize with Hotline FTP setting: Click this option to synchronize the setting so no need to input information again. Skip the option to input all necessary information of an FTP server.

General Setting	pload Counting Report	Setting FTP Setting	
Basic	-1		
Mode:	Basic Counting	C Adv. IVS Counti	ng
Frequency:	Hourly	 Send every 	1 • Hour(s)
Start from	17:17	То	17:17
	-		
Retry times:	10		
	10		
Retry times: Report through:	10		
Report through:	10		
Report through:	10		

License Manager

Go to **General Setting > License Management** in the Main Console to activate the license.

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



1	Channel	Product	Status
ctivate type			
Online activation:			
Input SN:			
C Import SN file:			1
C Activate from dongle	9	,	
			Activate
O Offline activation:			riceirace
Step 1 : Export server in	nformation	i file:	
🕫 Manual key-in Sl			
C Activate from doi	ngle		
		Expo	rt offline pack
Step 2 : Use "Offline To file.	ol" to activ	ate license and	get offline license
Step 3 : Import offline li	cense file:		
		,	Import

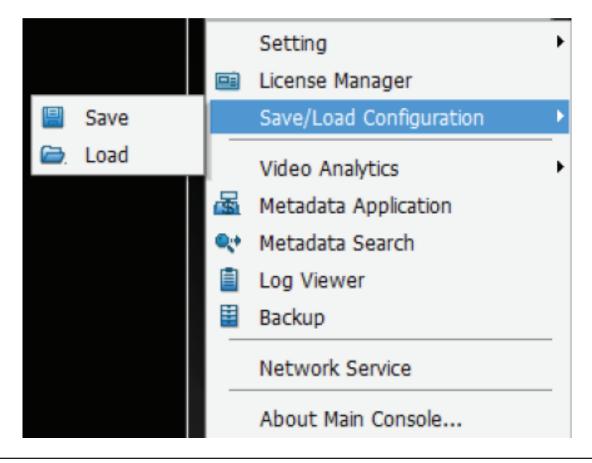
Save/Load Configuration

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.



Video Analytics - Counting Application

Count objects, people or vehicles passing through pre-defined detection zones. To access this page, login with admin account or user account with privilege of config main system.

Camera List: Select which camera would enable counting application.

Operation:

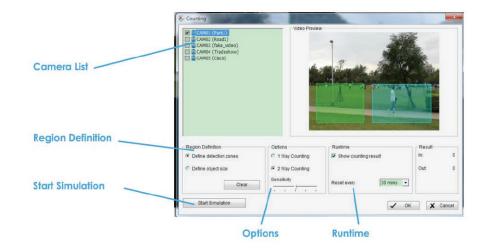
Define detection zones: Defined the detection zone.

Define object size: Defined the size of the object to count.

Options: 1Way Counting will take objects going from Region 1 to Region 2 as one count. In 2 Way Counting mode, it counts either going from Region 1 to Region 2 or from Region 2 to Region 1.

Runtime: Check the boxes to show the counting result on the screen and/ or show object bounding box, which draws the shape of the object that the system detects in red squares. You can choose from the drop-down menu of how long you want to reset the counting number.

Start Simulation: Click to test the setting.



Video Analytics – Privacy Mask

Mask your video with dark areas to protect your privacy.

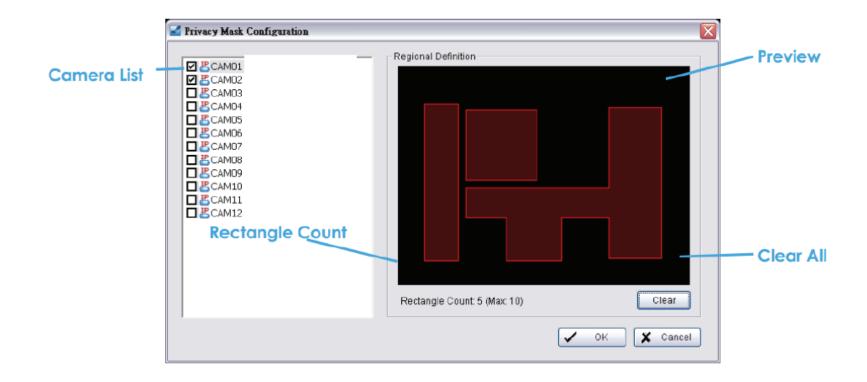
To access this page, login with admin account or user account with privilege of Config main system. Privacy mask settings will apply to local and remote live view, web live view, local playback, remote playback and web playback.

Camera List: Check cameras to enable privacy mask.

Regional Definition: Click and drag to define privacy masked areas.

Rectangle Count: Maximum 10 rectangles can be drawn to define privacy masked areas.

Clear: Click to clear all rectangles

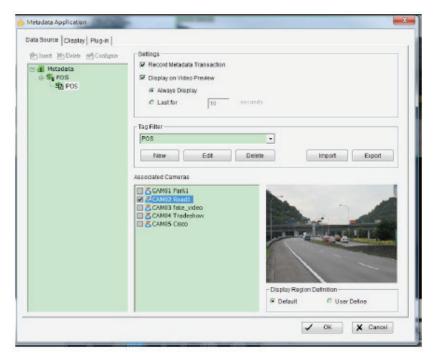


Section 3 - Configuration

Metadata Application

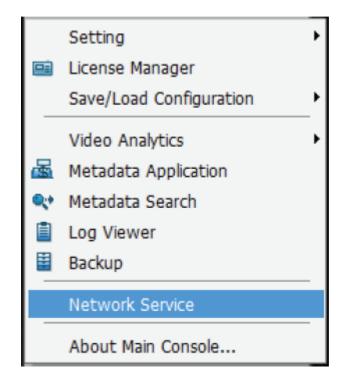
The Metadata application now supports three different data types, including POS, LPR and access control.

This tool can be used to General Setting these devices. Note that you will need additional licenses to use these features.



Network Service

There are 5 types of network services: Live Streaming Server, Remote Playback Server, 3GPP Service, 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 - 1	69.254.16 43 / 169.254.151.57 / 169 254 160 148 / 169 254 156 250 / 172 17 💻	_
	Main Black / White List Performance	
Live Streaming	Client Count 0 Kill Kill All	
	State IP Camera Bitrate (Kbps)	
Remote Playback		
	- Service	
3GPP Service	Server Status: Stopped Start Stop	
Remote	Options Port 5150 Default	
Desktop	Maximum Connections: 128	
Central	Use Default Web Server Port S0	
Management	Save Log LiveServerlog	
Push Notification	I⊄ Enable Audio	
,	✓ OK X Cancel	

Live Streaming - Black / White List

Network Service - 1	169.254.16.43 / 169.254.151.57 / 169.254.160.148 / 169.254.156.250 / 172.17 📒	x
Live Streaming	Main Black / White List Performance Enable White List	
Remote Playback	· · to · · Add to White List Delete	_
3GPP Service	Add to Black List ID IP Range Access	_
Remote		
Central Management		
Push Notification	Apply to All Network Servers	
	🗸 OK 🄀 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: 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.

Network Service - :	169.254.16.43 / 169.254.151.57 / 169.254.160.148 / 169.254.156.250 / 172.17	x
	Main Black / White List Performance	
Live Streaming	Total bitrate: 0.0Kbps	
Remote		
Playback		
3GPP Service		
Remote Desktop		
Central Management		
Push Notification		
	✓ OK X Can	icel

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.

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**.

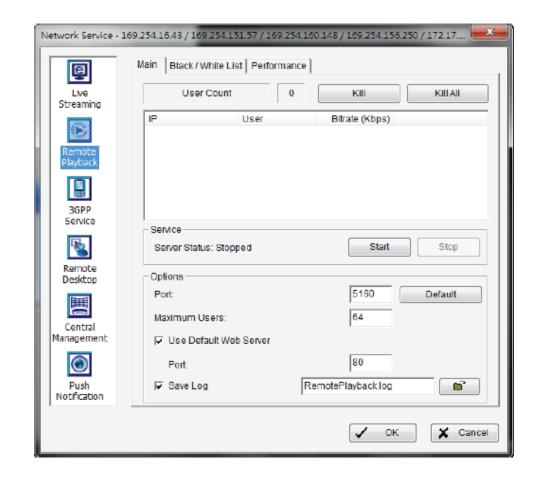
Maximum Users: Number of connections that are allowed to connect to the system. The maximum is **64**.

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.



Remote Playback - Black / White List

Network Service - 1	L69.254.16.43 / 169.254.151.57 / 169.254.160.148 / 169.254.156.250 / 172.17	x
Live Streaming	Main Black / White List Performance Enable White List	
Remote Playback	Add to White List Delete	-
3GPP Service	Add to Black List ID IP Range Access	_
Remote Desktop		
Central Management		
Push Notification	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

Network Service - 1	69.254.174.208 / 169.254.151.57 / 169.254.160.148 / 169.254.156.250 / 172.1 💻	
	Main Black / White List Performance	1
Live Streaming	Total bitrate: 0.0Kbps	
Remote Playback		
3GPP		
Service		
Remote Desktop		
Central		
Management		
Push Notification		
	✓ OK X Cancel	

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

3GPP Service

When starting the 3GPP service function of your computer, the system allows remote users to log in and view cameras that are connecting to it with 3GPP supported mobile phone.

Client list:

Client Count: Show the number of channels that are connected to system.

Service:

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

Options: Adjust the setting only when the server is stopped.

Port: Assign a port for the clients to connect to your system via 3GPP Service. Default port is 554.

Enable User Authentication: User need to insert the username and password to login to the 3GPP server and view the video stream.

Network Service - 16	59.254.21.2 / 169.254.151.57 / 169.254.160.148 / 169.254.156.250 / 172.17.5 💌 💴
Ę	Main
Live Streaming	Client Count 0
Remote Playback	State IP Camera User Agent
3GPP Service	
Remote Desktop	ServiceServiceStartStop
Central Management	Options Port. 554 Default Enable User Authentication
Push Notification	
	✓ OK X Cancel

Section 3 - Configuration

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.

Vetwork Service - 1	69.254.174.208 / 169.254.151.57 / 169.254.160.148 / 169.254.156.250 / 172.1 💻 🚈
Live	Main _ Options
Streaming	Port: 5140 Default
Remote	Disconnect idle client after (300~3600 sec.):
Playback 3GPP Service	Authentication
Remote	Service Start Stopped Start Stop
Central Management	
Push Notification	
	✓ OK X Cancel

Central Management

This service only supports Central Management System (CMS). Having started the Central Management Service, Main console sends event information to CMS and allows the CMS system to control I/O devices from a remote site.

Note: To enable this action, go to **Guard >Action** and select "**Send to Central Server**" to enable the action triggered by preference event.

Client list:

Client Count: Show the amount of NCS Servers that are connected to system.

Kill: Highlight an IP address and Click the "**Kill Client**" button to block the client from your client list.

Kill All: Click this button and then block all the clients logged in to your system.

Service:

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

Options: Adjust the setting only when the server is stopped.

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

Maximum Connections: Number of connections from CMS Servers that are allowed to connect to the system. The default is 8 CMS Servers and maximum is 16.

Network Service - 169.	254.21.2 / 169.254.151.57 / 1	69.254.160.	148 / 169.254.156.250 / 172.17.5 🎚	x
8	Main			_
Live Streaming	Client Count	0	Kill Kill All	
Remote Playback	State IP			
Remote Playback Image: Service Remote Desktop Image: Service Central Management Image: Service Push Notification				
Remote Desktop	Service Server Status: Stopped		Start Stop]
Central Management	Options Port: Maximum Connections:		5170 Default	
Push Notification				
			🗸 OK 🗶 Can	cel

Section 3 - Configuration

Push Notifications

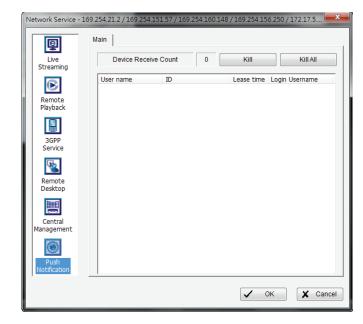
When starting the Push Notification service function of your computer, the system allows users to view and delete mobile device.

Device list:

Device Receive Count: Show the amount of user with mobile device that are connected to system.

Kill: Click the "Kill" button to delete the user from your device list.

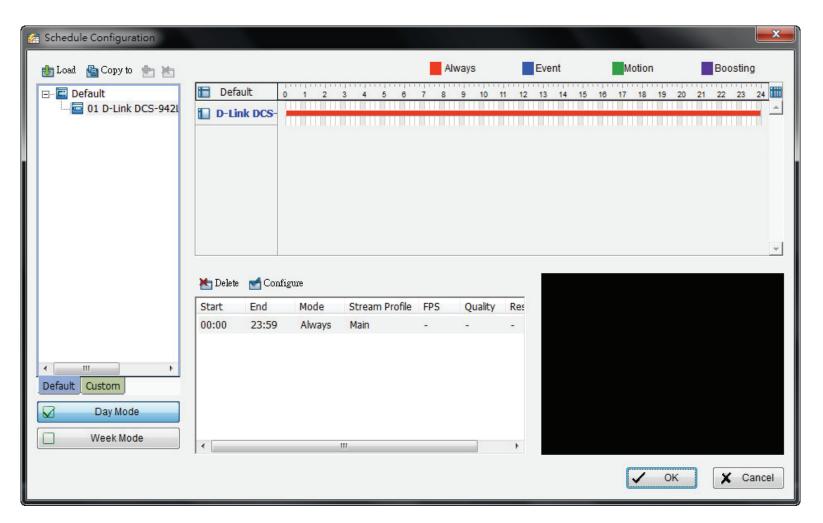
Kill All: Click this button and then delete all the devices logged in to your system.



Schedule System

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





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							
🔥 Load 🍓 Copy to 🖶 🐚				Always	Event	Motion	Boosting
⊡Ē Default Ē 01 D-Link DCS-9421	Default		4 5 6 7 8	9 10 11	12 13 14 15		21 22 23 24
 ✓ IIII → Default Custom ✓ Day Mode ✓ Week Mode 	Start End 00:00 23:5	9 Always I	Stream Profile FPS Main -	Quality -	Res -		
	•	III			4	🗸 ОК	X Cancel

Load Preset Modes

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

Mode	Format	Time	Record Mode	key frame only	Adjust video frame	Profile
Do cu dorr	M-JPEG	00:00 04:00	Alwerte		uncheck	Main
Regular	MPEG4/H.264	00:00-24:00	Always	uncheck		
Office	M-JPEG	08.00 20.00	Always		uncheck	Main
Office	MPEG4/H.264	08:00-20:00	Always	uncheck		
Shop	M-JPEG	10:00-22:00	Always		uncheck	Main
Shop	MPEG4/H.264	10.00-22.00	Always	uncheck		
Highly Socure	M-JPEG	00.00 24.00	Always		uncheck	Main
Highly Secure	MPEG4/H.264	00:00-24:00	Always	uncheck		
Dick Source	M-JPEG	00:00-24:00	Motion		10 fps	Main
Disk Saving	MPEG4/H.264	00:00-24:00	Motion	checked		
Minor	M-JPEG	00.00 24.00	Motion		5 fps	Main
Minor	MPEG4/H.264	00:00-24:00	Motion	checked		

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.

Schedule Configuration										x
🎂 Load 🐴 Copy to 📩 📩					A	ways	Ev	 Motion	Boosting	
⊡… 🛄 Default	🛅 Defa	ult (0 1 2	3 4 5 6	7 8	9 10	11 12 13		20 21 22 23 24	Ħ
	D-Lir	nk DCS-								
	M Delete Start			Stream Profile	FPS	Quality	Res	 		¥
	00:00	23:59	Always	Main	-	-	-			
III Default Custom Day Mode Week Mode							Þ		DK Cancel	

Step 2

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

Step 3 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).

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.

127 Schedule Configuration										x
🔠 Load 🔒 Copy to 📩 📩					Al	ways	E	Event	Motion	Boosting
Fault	🛅 Defa	ult o	1 2	3 4 5 6	7 8			13 14 15 16		0 21 22 23 24
01 D-Link DCS-942LB1 (172.1	D-Lin	k DCS-								
										w.
	峇 Delete	📹 Confi;	gure							
	Start	End	Mode	Stream Profile	FPS	Quality	Res			
	07:30	18:15	Always	Main	-		-			
< >										
Default Custom										
Day Mode										
Week Mode				m						
									201	
									🗸 ок	X Cancel

Record Mode

There are 2 recording modes and 5 video profiles to choose from. Please choose one that best suits your scenario.

Always Record

Select this option to record video continuously.

Record on Motion

Select this option to start recording when motions are detected. Please adjust sensitivity, the frame interval, and set up the detection zone to detect motion. Frame interval is the interval in the number of frames between each check by D-ViewCam. To set up a single detection zone, left-click and drag the mouse to draw a rectangle. To set up more than one detection zone, simply repeat the same process or click **All** to select the entire screen.

Boosting Record on Event:

This option enables you to record at lower frame rate at regular times, and at higher frame rate under Smart Guard triggered events.

Select this option to obtain the "**Select Event**" panel. Choose from the list any Smart Guard or digital input events or video analytics from the device. The chosen event(s) will trigger the recorded action.

Note: Please note it is required to enable "**Smart Guard**" from the Main console panel before **General Setting** "**boosting record on event**" to trigger recording.

Record on Event:

Select this option to start recording at any predefined event, including Smart Guard events, metadata events, digital input events and video analytics from devices.

Note: The maximum number of rectangle detection zones you may create is 10.

0 1	2 3		14 15 16 17 18 19 20 21 22
D-Link DCS-			
			Start 18: End 18:
Record 1			Video Preview
Record mode:		Option	
Always Record	•	Record Audio Keep key frame only	
Video profile:		* Video profile frame rate: N/A	
Main	-	* The actual fps depends on camera streaming capability.	
		sirearning capaointy.	
			View in Real Siz
- Feeble Duel Decard			View in Real Siz
Record 2			Video Preview
Record 2 Record mode:		Option PreventAurie	
Record 2- Record mode: Always Record		Option F Record Autio F Takes key farms only	
Record 2 Record mode: Always Record Video profile:		Record Audio Keep key frame only *Video profile frame rate: N/A	
Always Record	¥ ¥	Record Audio Keep key frame only	
-Record 2 Record mode: Always Record Video profile:		Record Audio Keep key frame only 'Video profile frame rate: N/A 'The actual tps depends on camera	
-Record 2 Record mode: Always Record Video profile:		Record Audio Keep key frame only 'Video profile frame rate: N/A 'The actual tps depends on camera	
-Record 2 Record mode: Always Record Video profile:		Record Audio Keep key frame only 'Video profile frame rate: N/A 'The actual tps depends on camera	

Enable Dual Record: recording two video streaming from IP camera at the same time.

Record Audio: Use the check box to enable or disable audio recording

Keep key-frame only: System will only record key frames of the video stream.

Note: The key frame interval is controlled by each camera manufacturer and cannot be adjusted.

Pre-record/Post-record Time

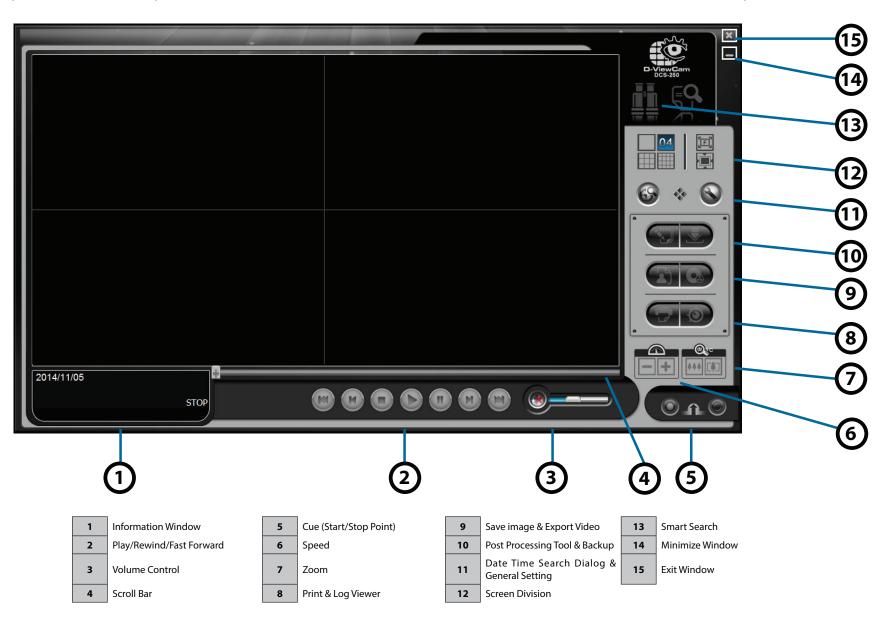
The pre-record/post-record function saves the recording data accordingly. For instance, to set up a 5 second pre-record time means the system will start saving the recording data 5 seconds before the event happens.

Note: The maximum record period is 60 seconds.

Always Event Motion	Boosting					
0 1 2 3	4 5 5 7 8 9 10 11 12 13				22 23	1
Record 1 Record mode:	Option	Video Prev	view			
Always Record	E Record Audio					
Video profile:	 Keep key frame only Video profile frame rate: N/A The actual tps depends on camera streaming capability. 					
Enable Dual Record				View in R	eal Size	
Enable Dual Record Record 2 Record mode:			/lew	View in R	eal Size	
Record 2	Option F Record Audio	Video Prev	view	View in R	eal Size	
Record 2 Record mode:	Record Audio Keep key frame only	Video Prev	view	View in R	eal Size	
Record 2 Record mode: Aways Record	E Record Audio	Video Prev	iew	View in R	eal Size	
Record 2 Record mode: Aways Record Video profile:	Record Audio Keep key frame only */ideo profile frame rate: N/A *The actual fps depends on camera	Video Prev	view	View in R		

Playback

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



- 1. Information Window: Display video date and time, current video status, cue in/out points' time, and speed.
- 2. Play/Rewind/Fast Forward: Control the video.
- 3. Audio Volume Control: Adjust the sound level.
- 4. Scroll Bar: Indicates the status of the playing video; drag it to where you want to review.
- 5. 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 once they are set.
- 6. **Speed:** Control the speed of the playing video. Click + to speed up and to slow down.
- 7. Zoom: Zoom in and out of the recorded video.
- **8. Print & Log Viewer**: Click **C** to open the Print window and **P** to open the Log Viewer window.
- **9.** Save image & Export: Click I to take a picture and I to open the Export window.
- **10. Post Processing Tool & Backup:** Click window to open the Post Processing Tool window and window.
- **11. Date Time Search Dialog & General Setting:** Click Stopen the Date Time Search and Stopen the General Setting window
- **12. 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.
- **13. Smart Search:** Click the **EACTOR Smart Search** button to access the **Smart Search** feature.
- 14. Minimize: Minimize the Playback console.
- 15. Exit: Close the Playback window.

Date Time Search Dialog



Go to **Playback** console and click **Open Record** to access the **Date Time Search Dialog**. Here, you can review video records.

📲 DateTime Search Dialog [Local Machi	ine]					×
🐔 - # 🔃 🕵 E	vent Color Display	Settings		eo Preview Enable Preview		
◆ 十月 2014 ▶	Color	Event Type				
		- General Motion				
40 28 29 30 1 2 3 4 41 5 6 7 8 9 10 11	—	- General Motion(De				
42 12 13 14 15 16 17 18		 Foreign Object 				
43 19 20 21 22 23 24 25		 Missing Object 				
44 26 27 28 29 30 31 1		 Focus Lost 				
45 2 3 4 5 6 7 8		 Camera Occlusion 				
		 Signal Lost 				
Show Recording Schedule						
☐ Show Event Log						
Start Time: 2014/10/29 - 00	0:00:00 <u>*</u> E	End Time: 2014	/10/29 • 00:00:00	•		
1 0/29 0 1	2 3 4	4 5 6 7	8 9 10	11 12	13 14	15 16
D-Link DCS-942LB						<u> </u>
1 Eamera 2						
Camera 3						
1 Camera 4						
Camera 5						
 Camera 6 						
1 Camera 7						
Camera 8						-
						•
Always Record Record on E	vent - Vide	o Overlap				
Record on Motion Boosting Re				 ✓ 	ОК	X 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.

Refresh: To refresh the Record Display window.



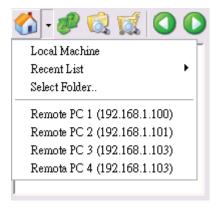
Log Viewer: To access the Log Viewer Tool.



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.

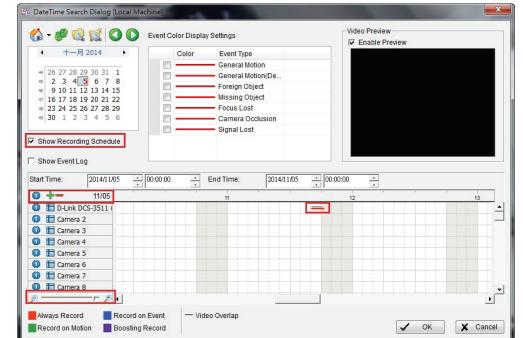
Event Type

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

Time Table

- Click 🖶 to select all channels or 💳 to deselect all channels. Finally, utilize the 🔎 🥂 scale bar to modify the time table.
- Select **Show Records** to display the time period of recorded data.

* Support for dual playback: If the camera has dual recording feature, you can click the numeric button near the camera name to switch between 2 recording schedules (thick line) and available recordings (thin line).





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

🖓 - 🥙 🕵 🕵 🔘 🔘		Enable Preview	
◆ 十一月 2014 ▶	Color Event Type		
	General Motion		
44 26 27 28 29 30 31 1 45 2 3 4 5 6 7 8	General Motion(De		
45 9 10 11 12 13 14 15	Foreign Object		
47 16 17 18 19 20 21 22	Missing Object		
48 23 24 25 26 27 28 29	Focus Lost		
49 30 1 2 3 4 5 6	Camera Occlusion		
	Signal Lost		
Show Event Log	00:00:00 End Time: 2014/11/05	; = [00:00:00 =	
		•	13
tart Time: 2014/11/05	00.00.00 End Time: 2014/11/05		13
tart Time: 2014/11/05 -		E E E E	13
tart Time: 2014/11/05		E E E E	13
tart Time: 2014/11/05		E E E E	13
tart Time: 2014/11/05 +- 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 11/05 1		E E E E	13
tart Time: 2014/11/05 +- 11/05 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 - 11/05 -		E E E E	13
2014/11/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05 1/05		E E E E	13
atar Time: 2014/11/05 atar Time: 2014/11/05 b b-11/05 b Camera 3 b Camera 4 b Camera 5 b Camera 6		E E E E	13

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.

Search Mode

Go to **Playback** console and click to open the **Smart Search** window.

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.

nart Search	×
Alarm Event Type	
General Motion Sensitivity: Interval:	
Region Definition C Define detection z C Define object size All	
 Draw Region Stop when found 	

Post Processing Tool



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 Apply all channels
Filter Setting
☐ Visibility
🗖 Sharpen

☐ Brightness
· · · · · <i>[</i> · · · · ·
Contrast
<u></u>
Grey Scale
OK Default

Backup

Go to **Playback** console and click 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.

Step 7: Click Backup to start backup.

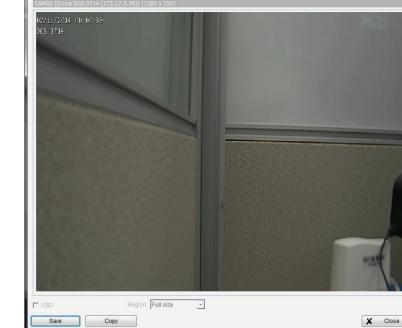
Start Time: End Time: -Select Camera(s) 1-16 17-32 33-48 49-64 1 × 2 × 3 × 4 × 9 × 10 × 11 × 1 Calculate Size S -Media	2014/11/05		× 8 × 16
Select Camera(s) 1-16 17-32 33-48 49-64 1 X 2 X 3 X Y 9 X 10 X 11 X 11 Calculate Size S S S S S S	4 × 5 × 2 × 13 ×	6 × 7 14 × 15	× 8
1-16 17-32 33-48 49-64 1 X 2 X 3 X X 9 X 10 X 11 X Calculate Size S S S S S	2 × 13 ×	14 × 15	
1 × 2 × 3 × 4 × 9 × 10 × 11 × 1 Calculate Size S S S S S S	2 × 13 ×	14 × 15	
X 9 X 10 X 11 X 1 Calculate Size S	2 × 13 ×	14 × 15	
Calculate Size			× 16
	Select All	Deselec	
Media			t All
Backup on HardDisk			
Backup Event Log			
Backup System Log			
Backup Counter Log			
Backup Metadata Transaction			
Backup Adv. IVS Counting Log			
Backup IVS Event Log			

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.



Export Video/Audio

Go to **Playback** console and click



lo 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 enter the file name.
- Step 4: Select Export Format from the drop-down list ASF or AVI.
- **Step 5:** Select a profile from the **Use Profile** drop-down menu.
- **Step 6:** Select to export (i.e. save) the recorded video with audio, OSD (On-Screen Display), or export video only.
- Step 7: Click OK to save video.

0	
ļ	
Export Format:	
ASF	
Use Profile:	
Windows Media Vi	deo 8 for Local Area Network (384 Kbps) 🔻
, ⊢Date Time Period	
Start Time:	2014/11/05 + 11:40:18 +
End Time:	2014/11/05 + 11:45:11 +
Export Audio	
Export OSD	
Export Metadata	Transaction

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.

🕹 Print Setup			x
Print Content			_
Select channels :			
Print active channel image			
O Print all channels in the current v	iew		
Select printed region of images			
O Original			
Selected region			
Page Setting			
Original size			
O Fit to page			
Align Image:	Тор		•
	✓ Print	🗶 Car	icel

Log Viewer

🔎 Log Viewer			-	
System Log Export and	d Backup Log Unusual Event Coun	ting Application Counting	Application (Diagram) Metadata	Log
	All			
Date:	✓ 2014/11/05 ▼ ≑			Export to
Date Time:	2014/11/05 16:01:28 * 📩 to	2014/11/05 16:01:28	▼ <u>▲</u>	Search
Event Time	Event Type	Device	Description	A
2014/11/05 11:16:59 2014/11/05 11:17:02 2014/11/05 11:39:36 2014/11/05 11:39:38 2014/11/05 11:40:15	Main Console Startup User Login Enable Channel Modify Configuration Start Schedule	1	admin CAM1	
2014/11/05 11:42:39 2014/11/05 12:57:58 2014/11/05 13:53:16 2014/11/05 13:53:37	Modify Schedule IP Camera Connection Lost Stop Schedule Start Schedule	1	Changed by admin, N/A, Day M 172.17.5.42	ode: Camer ≡
2014/11/05 13:53:38 2014/11/05 13:54:23 2014/11/05 14:23:50 2014/11/05 14:23:51 2014/11/05 14:23:51	IP Camera Connection Lost IP Camera Connection Regained Stop Schedule Modify Metadata Setting Start Schedule	1 1	172.17.5.42 172.17.5.42	
2014/11/05 14:25:32 2014/11/05 14:25:35 2014/11/05 15:12:38 2014/11/05 15:12:39	Stop Schedule Main Console Shutdown Main Console Startup User Login		admin	
2014/11/05 15:15:50 2014/11/05 15:16:14 2014/11/05 15:19:21 2014/11/05 15:19:44	IP Camera Connection Lost IP Camera Connection Regained IP Camera Connection Lost IP Camera Connection Regained	1 1 1 1	172.17.5.42 172.17.5.42 172.17.5.42 172.17.5.42	
2014/11/05 15:22:50	IP Camera Connection Lost	1	172.17.5.42	•

To launch Log Viewer, Click on **General Setting** and select **Log Viewer** from the menu. View the unusual event history that had been detected by the Smart Guard System.

System Log

Step1: Choose the type of event you want to check or select All from the drop-down menu for all types of events. Select Log Type form the drop-down menu. There are in total 37 types of log types, including:

Step 2: View the events that happened on a particular date or during a given time period by selecting search period. For a particular date: check the Date box right and indicate the date.

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

Step 3: Click Search.

- ✓ Mainconsole Startup
- Mainconsole Shutdown
- ✓ User Login
- ✓ User Login Failed
- ✓ Start Schedule
- ✓ Stop Schedule
- ✓ Execute Recycle
- ✓ Enable Channel
- ✓ Disable Channel
- ✓ Start Smart Guard
- ✓ Stop Smart Guard
- ✓ Modify Smart Guard
- ✓ Modify Schedule
- ✓ Modify Configuration
- ✓ Start Live Streaming Server
- ✓ Stop Live Streaming Server
- ✓ Modify Live Streaming Server
- ✓ Start Remote Playback Server
- Stop Remote Playback Server

- Modify Remote Playback Server
- IP Camera Connection Lost
- Restart Windows
- Modify Metadata Setting
- Metadata Connection Lost
- Modify E-Map
- ✓ Start Remote Desktop
- ✓ Stop Remote Desktop
- Modify Remote Desktop
- Start Central Management
- Stop Central Management
- Modify Central Management
- Start Counting Application
- Stop Counting Application
- ✓ IP Camera Connection Regained
- ✓ Sync. Microsoft Active Directory User
- ✓ IP Camera Parameter Changed
- ✓ Update Metadata Plug-in

Export and Backup Log

View the Export and Backup Log history that had been operated by local or remote user.

Step 1: Choose 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 search period.

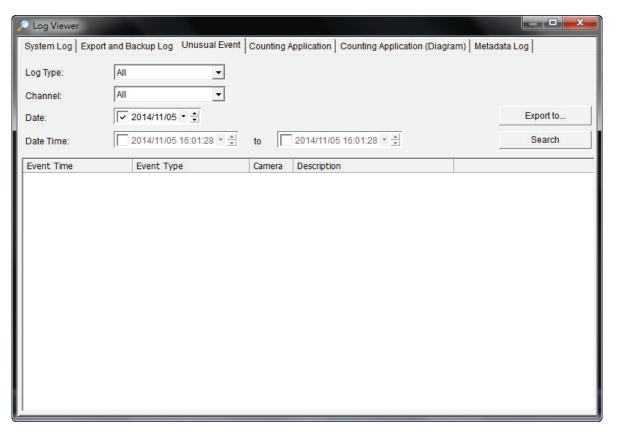
For a particular data: check the Date box right and indicate the date.

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

Step 3: Click Search

🔎 Log Viewer	r							-	- D X	
System Log	Export and	Backup Log	Jnusual Event	Counting Applic	cation Count	ting Applicati	on (Diagram)	Metadata L	.og	
Log Type:	AI	1	•							
Date:		2014/11/05 •	-						Export to	
Date Time:		2014/11/05 16	ð:01:28 ▼ <u></u>	to 201	4/11/05 16:01	:28 * 🔺			Search	
Event Time		Event Type	Success	Username	Start Time		End Time		Length	-
			III						•	

Unusual Event



- 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 data: Check the "Date" box and select the date you want to view. For a period: Check the "Date&Time" box and then enter the date and time.

Step 4: Click Search.

Export

After you search the log you want, you can export it to an Excel (.xls) or a text (.txt) file.

	DI	- <u>A</u>	c	D	E
1	A Bes/Tine	Brew/Type		0	
-			Description		-
2	2007/09/12 00:45 41	Main Cospole Startup	1.0.1		
2	2007/09/12 00:45 44	User Logia	admin		
4	2007/09/12 01 11 10	Main Console Shandown	-		
3	2007/09/12 01 27:04	Main Cospole Startup	1.0.1		
6	2007/09/12 01 27:05	User Logia	admin		
7	2007/09/12 01 28 27	Main Conzole Shoulows			
8	2007/09/12 15:06:51	Maia Cosoole Startup			
9	2007/09/12 15:06:52	Uper Logia	admin		
10	2007/09/12 15 07:04	Maia Cospole Shotlows			
11	2007/09/12 15 08:28	Main Cospole Startup	_		
12	2007/09/12 15:08:40	Main Console Shotdown			
13	2007/09/12 15 08:54	Main Couocle Startup			
14	2007/09/12 15:09:01	Main Console Shoulown			
15	2007/09/12 15 14 11	Main Console Startup			
16	2007/09/12 15 14 12	Main Concole Shoulown			
17	2007/09/12 15 14 31	Main Console Startup			
18	2007/09/12 15:15:20	Main Concole Shotdown			
19	2007/09/12 19:44 15	Main Console Startup			
20	2007/09/12 19:44 58	Main Console Shoulown			
21	2007/09/12 22:51 57	Main Console Startup			
22	2007/09/12 22:51 59	Main Console Shondown			
23	2007/09/12 22:52:14	Main Console Startup			
24	2007/09/12 22:52:18	User Logia	admin		
25	2007/09/12 22:52:24	Main Conpole Shandown			
26	2007/09/12 22:53 19	Main Cospole Startup			
-	+ H SystemLog	Jan 4 .			

.xls

2007/09/12 00:45:41, Main Console Startup, 2007/09/12 00:45:44, User Login, admin 2007/09/12 01:11:10, Main Console Shutdown, 2007/09/12 01:27:04, Main Console Startup. 2007/09/12 01:27:05, User Login, admin 2007/09/12 01:28:27, Main Console Shutdown, 2007/09/12 15:06:51, Main Console Startup, 2007/09/12 15:06:52, User Login, admin 2007/09/12 15:07:04, Main Console Shutdown, 2007/09/12 15:08:28, Main Console Startup. 2007/09/12 15:08:40, Main Console Shutdown, 2007/09/12 15:08:54, Main Console Startup, 2007/09/12 15:09:01, Main Console Shutdown, 2007/09/12 15:14:11, Main Console Startup, 2007/09/12 15:14:12, Main Console Shutdown, 2007/09/12 15:14:31, Main Console Startup, 2007/09/12 15:15:20, Main Console Shutdown, 2007/09/12 19:44:15, Main Console Startup. 2007/09/12 19:44:58, Main Console Shutdown, 2007/09/12 22:51:57, Main Console Startup, 2007/09/12 22:51:59, Main Console Shutdown, 2007/09/12 22:52:14, Main Console Startup. 2007/09/12 22:52:18, User Login, admin 2007/09/12 22:52:24, Main Console Shutdown, 2007/09/12 22:53:19, Main Console Startup.

.txt

Step 1: Click the **Export To** button.

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

Counting Application

Display the history of Counting Application during a given time period.

Step1: Select the channel you want to check or select All from the drop-down menu for all channels.

Step 2: Select search period. View the events that happened on a particular date or during a given time period by selecting search period.For a particular date: check the Date box right and indicate the date.

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

Step 3: Click Search.

Step 4: Press the button Export to.

Step 5: Type the file name and choose the file format (.xls or .txt).

Mode:	Basic Counting 👻		
Channel:	All		
Date:	2014/11/11 🔹 茾		Export to
Date Time:	2014/11/11 17:28:31 *	to 2014/11/11 17:2	8:31 * 📩 Search
Event Time	Channel	In Out	

Counting Application (Diagram)

Display the Counting Application data in diagram format.

Step1: Select the channel you want to check or select All from the drop-down menu for all channels.

Step 2: From the drop-down menu, set up how you would like the diagram to be displayed. You have the options of one day, one month, or one year.

Step 3: Select a specific date to make it the start point of the diagram.

Step 4: Click Search.

Step 5: Press the button Export to.

Step 6: Type the file name and the file will save as BMP files.

Mode: Basic Counting Channel: D-Link DCS-3511 (172. ▼) Period: One Day Date: 2014/11/11 ▼	agram) M. ┥
Period: One Day ✓ Date: 2014/11/11 ✓ ▲ 2014/11/11 In ─ Out ─ 100 90 80 70 60 50 40	
2014/11/11 In Out 100 90 00 70 60 50 40	Export to
100 90 80 70 60 50 40	Search
30 20 10 10 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	23 24

Metadata Log

View the Metadata Log history detected by the Smart Guard System.

Step1: Choose 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 Event include Transaction Start, Transaction End, Open Cash Register, Connection Lost, and special User defined event.

Step 2: Choose the camera channel you wish to view or select All for all the channels available.

Step 3: View the events that happened on a particular date or during a given time period by selecting search period.

For a particular date: check the Date box right and indicate the date. **For a period**: check the Date Time and then enter the date and time.

Step 4: Click Search. A link () will appear next to each event time where video is available. By clicking on the link, an instant playback window will pop up to show recorded video

Step 5: Press the button Export to.

Step 6: Type the file name and choose the file format (.xls or .txt).

Log Type:	All	•			
Metadata:	All	•			
Date:	2014/	11/11 🔹 🚔			Export to
Date Time:	2014/	11/11 17:28:31 💌 🌧	to 2014/1	1/11 17:28:31 💌 🔺	Search
Event Time		Event Name	Metadata Name	Camera Description	

Setting Go to Playback console and click State	o open this window.	Setting General Server OSD Metadata Record Display	
General		Calendar View C List Control	
Record Display		Play when open Auto skip when record motion only mode	
Calendar View	List Control	Next interval: 1 min Previous interval: 1 min	
· · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · ·	• Image: Constraint of the constraint	Capture Image C Save in clipboard Manually save the image file C Automatically save the image file Preferred Image format: Miscellaneous Synchronize video frames	
2343078	2009/07/12	✓ 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.

Remote Server

Add Remote Playback Site

Click the **Remote Server** icon to add and setup a remote playback site.

Step 1: Enter the IP address or DNS, Port, Username, and Password.

Step 2: Click Add to add the server.

Step 3: Click OK to exit.

Access Remote Playback Site

Go to the Date Time Panel and click the 🚺 icon on the top of the display

window to access the Remote Playback Site.

	1	
Gene	ral Server OS	D Metadata
Ser	ver Setting	
S	erver Name:	
A	ddress:	
Port: User Name: Password:		5160
		Save Password
		Test Server
		Test Server
	-	
	Cocal Mac)	
	Local Macl	
	Local Mac Recent List Select Fold	
	Local Mach Recent List Select Fold Remote PC	hine t +
	Local Mac Recent List Select Fold Remote PC Remote PC	kine t er 1 (192.168.1.100)

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	Setting EX
General Server OSD Metadata ✓ Enable camera OSD Foreground Font ⁷ Pt Tahoma ✓ Size: 9 ✓ Color: ✓	General Server OSD Metadata
Image: Weight of the second secon	Poid Packground Color: Packground Transparency: 40 Display on Video Preview 40 C Always Display 10 C Last for 10
Default Apply	✓ OK X Cancel

On Screen Menu:

Toggle Fullscreen: Select to view cameras under full screen. Press "Esc" or right click to go back to original view.

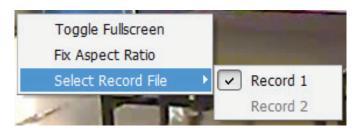
Enable ImmerVision PTZ: Adjust PTZ in PTZ mode. (Depend on device)

Enable Fisheye PTZ: Adjust PTZ in PTZ mode.

ImmerVision Lens Setting: Select the mode of lens, original, PTZ mode, Quad mode and Perimeter mode. (Depend on device) **Fisheye Lens Setting**: Select the mode of original, PTZ mode, Quad mode and Perimeter mode.

Switch Recordings

With dual recording support, user can switch between Record 1 and Record 2 on right click screen menu as below.

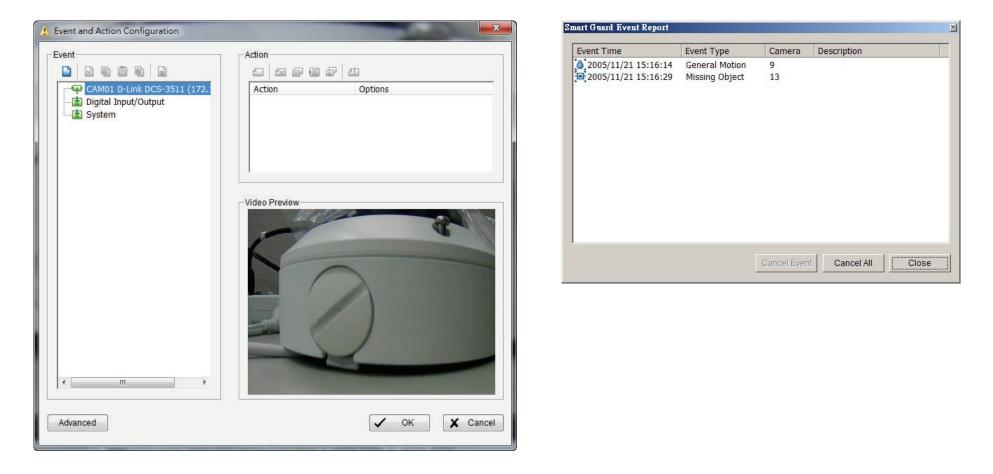


Smart Guard System

Click the **Configure Smart Guard System** icon icon to open the **Event and Action Configuration** window.

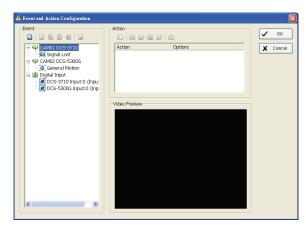
Select an event to be detected and set up an Action for the D-ViewCam Plus system to perform.

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



Event

There are 3 sources of events: **Camera** (video image), **Digital Input** (connected to your camera(s)) 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

Event Type	Description
Signal Lost	Detect video signal connection
General Motion 1	Detection of any movement
General Motion 2	Detection of any movement
General Motion 3	Detection of any movement
General Motion 4	Detection of any movement
General Motion 5	Detection of any movement
General Motion(Device)	Video motion detection alarm of the device
Eoreign Object	Detect foreign object in defined area(s)
Missing Object	Missing/being moved of defined object(s)
Focus Lost	Camera focus lost detector
Camera Occlusion	Camera blocked or damaged

Step 2: There are three types of events: Signal Lost, General Motion, and General Motion (Device). 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: Allow alarm to be activated at all times.
- As Day Mode Schedule: Customize a specific time range for the alarm to be activated. The alarm will be available daily according to your settings.

Click **Day Schedule** to configure the schedule for this setting.

Choose **Add Time Period** and drag on the selected timeframe to define an activated schedule.

Choose **Remove Time Period** and drag on the selected timeframe to subtract from existing schedules.

Click Clear All to remove all settings.

- As Week Mode Schedule: Customize a weekly based time range for the alarm to be activated.
- Click Week Schedule to configure the schedule for this setting.

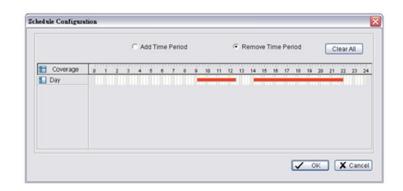
Choose **Add Time Period** and drag on the selected timeframe to define an activated schedule.

Choose **Remove Time Period** and drag on the selected timeframe to subtract from existing schedules.

Click **Clear All** to remove all settings.

Camera 1 - General Motion 1			
Enable Event			
Retrigger after status change			
Life Cycle			
Automatic cancel event when even	t disappear		
○ Manual cancel event or event last t	triggered		
C Cancel event after	10	seconds	
Activated Period			
Always activated			
← As Day Mode Schedule		Day Schedule	
C As Week Mode Schedule		Week Schedule	

				1	• A	dd T	ime	Per	riod				4	R	emo	ove T	lime	Pe	riod		C	lear	All]
🖿 Coverage	0	1	2	3	4	5	6	7	8	9	10					15								
🚺 Sunday							-	0			-	-	-											-
Monday			-					C.																-
1 Tuesday								C.																
Wednesday				-			-	0																-
1 Thursday				-			-	0												1				-
Friday				-				•												1				-
Saturday			-		-		_	6			-	-		-	-				-					-



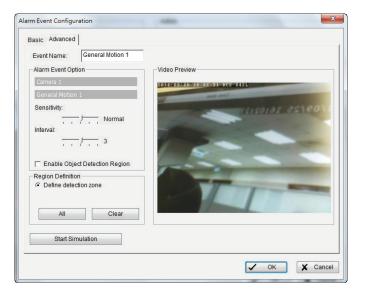
General Motion

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.



Camera Event - General Motion (Device)

Detect movement with motion detectors of devices (IP cameras or video servers). Note: This function is only available on network camera with built-in motion detection.

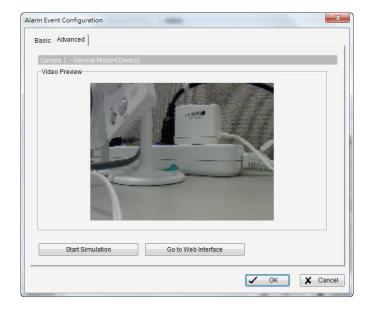
Please refer to the user manual of your network camera to set up motion detection.

Start Simulation

Click to test if motion detection is set up correctly.

Go to Web Interface

Click to go directly to device web page for General Settings.



Camera Event - Foreign Object

Alarm will be set off when an object appears in the defined area on the screen.

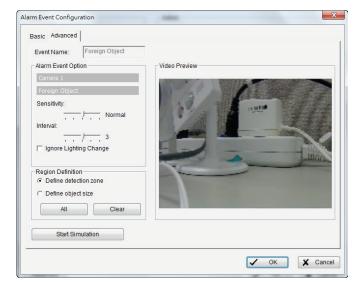
Alarm Event Option

- **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 **Foreign Object**, 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.
- **Define Object size:** After defining the detection zone, select **Define Object Size** and then left-click and drag the mouse to indicate the size of the object you want to detect.

Note: For instance, if you want to prevent somebody from leaving a briefcase in a hallway, place a briefcase in the hallway in view of the camera. On the screen, draw an area that fits the size of the briefcase and define it as the object size. Remove the briefcase and then activate the Smart Guard function on the Main console. The system will consider everything on the screen normal when you click Start to activate the monitor function.



Camera Event - Missing Object

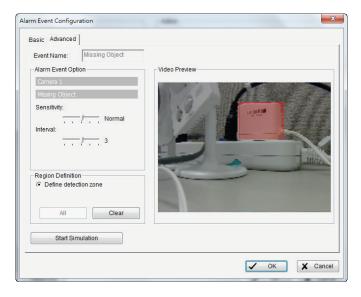
Alarm triggers when an object disappears in the defined area on the screen.

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 **Missing Object**, 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.



Camera Event - Focus Lost

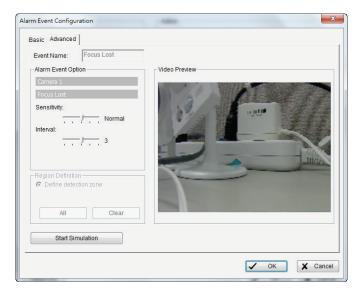
This function alarms you when any of the cameras is losing focus and has a blurry image.

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.
- Ignore Lighting: Check the box to avoid alarm being set off by light changing.

Region Definition

• **Define detection zone:** To detect **Focus Lost**, 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.

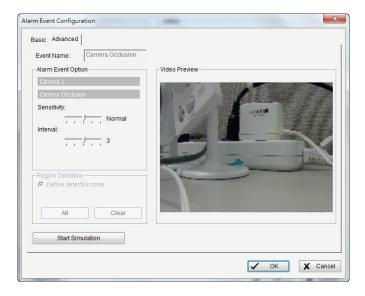


Camera Event - Camera Occlusion

This function alarms you when any of the cameras are blocked.

Alarm Event Option

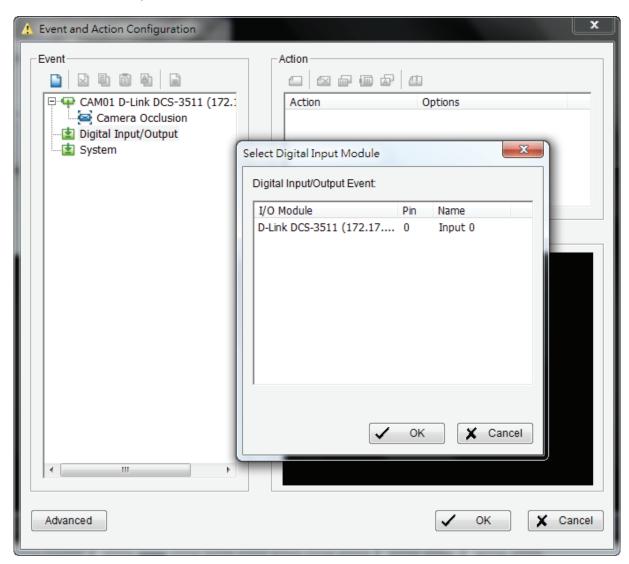
- **Sensitivity:** Click and move the slider control to the right to increase sensitivity so that a relatively small movement will trigger the alarm. Move the bar to the left to reduce sensitivity of motion detection. Setting up an appropriate sensitivity value will reduce the chances of a false alarm. 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.
- Ignore Lighting: Check the box to avoid alarm being set off by light changing.



Camera Event - Digital Input

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

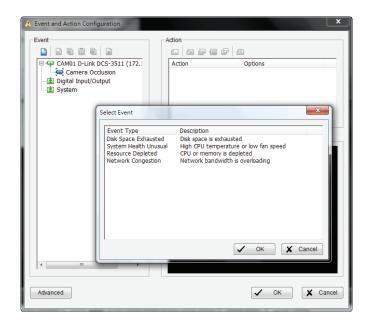
Step 2: Select the device that is connected to your camera(s).



System Event - Assign a System Event

Step 1: Click and highlight System on the event type list and then click III Insert Event.

Step 2: There are four events, select the event you want to detect.



System Event - Disk Space Exhausted

This function alarms you when disk space is exhausted.

System Event - System Health Unusual

This function alarms you when CPU is under high temperature or fan speeds are running low.

Current Status: Displays current CPU temperature, Motherboard Temperature, Fan Speed and Power fan speed.

Options: Check the Temperature Format for Celsius or Fahrenheit; fix maximum motherboard temperature for High Temperature Alarm and minimum RPM for Power Fan Speed Alarm.

larm Event Configuration	×
Basic Advanced	
Current Status	
CPU Temperature:	N/A
Motherboard Temperature:	N/A
Fan Speed:	N/A
Power Fan Speed:	N/A
Options	
Temperature Format:	Celsius
	O Fahrenheit
High temperature alarm at :	<u>↑</u> 70C
High Motherboard Temperature Alarm at :	<u>↑</u> 70C
Low Fan Speed Alarm at:	1000 RPM
Low Power Fan Speed Alarm at:	1000 RPM
	V OK Cancel

System Event - Resource Depleted

This function alarms you when CPU or memory is depleted.

Current Status: Shows you the current Total CPU Loading and Total Memory Usage.

Options: Fix maximum percentage for High CPU Loading Alarm and High Memory Usage Alarm.

Alarm Event Configuration	×
Basic Advanced	
Current Status	
Total CPU Loading	21 %
Total Memory Usage	58 %
_ Options	
High CPU Loading Alarm at :	- - - 70 %
High Memory Usage Alarm at:	 70 % ▼ 70 %
 []	OK X Cancel

System Event - Network Congestion

This function alarms you when network bandwidth is overloaded.

Current Status: Shows you the current Total Upload/Download bit rates.

Options: Fix maximum bit rate (Kbps) for High Upload/Download Bit rate Alarms.

asic Advanced	
Current Status	
Total Upload Bitrate	15 Kbps
Total Download Bitrate	351 Kbps
Options	
High Upload Bitrate Alarm at:	▲ 100 Kbps
High Download Bitrate Alarm at:	▲ 100 Kbps

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 11 actions and then click OK.

- 1. On Screen Display
- 2. Play Sound
- 3. Send E-mail
- 4. Phone Call
- 5. PTZ Preset Go
- 6. DI/DO
- 7. Send a SMS Message
- 8. Send to Central Server
- 9. Send snapshot to FTP
- 10. Popup E-Map on event.
- 11. Push Notification

Step 3: Configure the **Action Type** if required.

Action Type	Description
On Screen Display	Display warning message or color
Play Sound	Play warning sound
Send E-Mail	Send E-mail to contacts
Phone Call	Dial a phone call to contact
PTZ Preset Go	Trigger PTZ camera to present p
🖄 DI/DO	Popup DI/DO panel or trigger digi
SMS	Send SMS to contacts
🗹 Central Server	Send to Central Server
🛃 FTP	Send snapshot to FTP
🕈 E-Map	Popup E-Map on Event
Push Notification	Notice on Mobile Client

Action Type > On Screen Display

A red warning will be flashing on the screen of Main console, indicating which type of unusual event is detected.

Step 1: Select the "On Screen display" action and then click OK.

Step 2: The responding window will pop-up to Selected Camera. Click the "**On Screen display**" indicator to modify the setting.

Camera: Display the camera applied to this action.

Auto popup: Click the Auto popup column and select the expected monitor for popping up the event.

Displayed text: You can follow the default setting to show the event type, or enable "Customized Text" to define the text as your preference.

Color edge: Select the color edge for popping up the event

Select Camera	×
Camera	Auto popup
☑ 뿐 CAM01 D-Link DCS-3511 (1	.72.17.5.42) N/A
 Display text D-Link DCS-3511 (172.17 	5.42) Input-0 (Input (
C Customized Text	
Color edge	V OK Cancel

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 My Computer	Wave 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
□ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	xxx@xxxxxx.com
Edit Address Book	✓ OK X Cancel

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

		Phone:		E-Mail:		
escription:						
			Add	Clear	Modify	Remove
ontact persons						
Vame	Phone	E-Mail		Description		

Action Type > Phone Call

The system will call a given phone number when an unusual event is detected. **Step 1**: Select the **Phone Call** action and then click **OK**.

Step 2: The responding window will popup to Select Contactor and key-in the message which want to append on SMS content. (You can choose one more contact at once).

Note: To setup the phone number and make an audio record for the phone call, go to **General Setting > Setup > Hotline**.

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.

TZ Camera Preset Go	×
Camera: CAM02 (D-Lin	k DCS-52 🗸 IP Camera
Start	
Preset	C Patrol
-	_
Life Cycle	
C Stop PTZ action when event d	lisappear
Keep PTZ action	10 second
- End	
Preset	C Patrol
_	
The end preset go will take	10 second
Add Clear	Update Delete
Camera Start Life Cycle	End End Preset Go
1	
	V OK X Cancel

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.

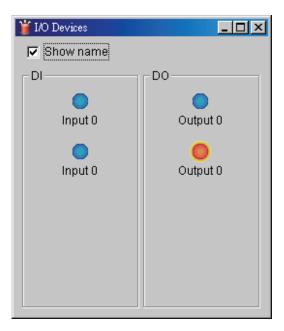
Step 1: Select the DI/DO action and then click OK.

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 **-DX** on the display window.

L	I/DO				- 💌
	Digital output to signa	l:			
	I/O Module	Pin	Name		
	Department	0	Output 0		
	D-Link DCS-610	0	Output 0		
	D-Link DCS-662		Output 0		
	D-Link DCS-523	0	Output 0		
	, 🔲 Automatically popu	ip I/O c	ontrol panel		
		\checkmark	ОК	🗶 Can	icel



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

This action will send an event and snapshot to the Central Management Server (separate software package, not included).

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

Name	Phone	Number		
🗹 👕 XXXX	00000	XXXXX		
🗹 👕 XXXX	00000	000		

Action Type > Send snapshots to FTP

The system will upload a snapshot immediately to FTP site.

Step 1: Select the "Send snapshot to FTP" action and then click OK.

Step 2: General Setting options.

Life Cycle: General Setting the system to stop sending snapshots after _____ seconds, or when the event is terminated.

Frame Interval: Define the frequency of snapshots.

- Minimum is 1/60 fps (1 snapshot per 60 seconds)
- Maximum is 30fps (30 snapshots per second).

Resolution: Choose to keep snapshot in original resolution or compress to lower resolution.

Note:

1. For Digital Input Events, this warning action will send the snapshot of the associated camera.

2. To define an FTP server, go to **General Setting > Setup > Hotline**.

Action Type > Popup E-Map on Event

The system will auto popup E-Map window and show the assigned map and indicator.

Step 1: Select the "**Popup E-Map on Event**" action and then click **OK**.

Step 2: The responding window will pop-up to Popup e-map on event. Click the "**Popup E-Map on Event**" indicator to modify the setting.

Step 3: Select the Map Layer and Indicator, and then click OK.

Send Snapshot to FTP
Options
Life Cycle:
Stop sending snapshot after: 1 sec.
C Stop sending snapshot when event disappear
Frame Interval: 1 fps
Resolution:
C Original
Customized CIF
V OK X Cancel

Popup e-map on event		x
Map Layer:	Default	•
Indicator:	None	•
	🗸 ОК	X Cancel

Action Type > Push Notification

The system will send instant message to registered D-ViewCam mobile APP as a notification.

Step 1: Select the "Notice on Mobile Client" action and then click OK.

Step 2: General Setting options.

Frequency—Rearm interval: the minimum interval of notifications as the event occurs. (default:10, max:300)

User List: All user accounts in this unit. Click "**select all**" to select all user accounts; click "**deselect all**" to remove all user accounts.

Receiver List (overview/remove): go to General setting>Network Service>Push Notification for user account overview. Click "Kill" for selected user account delete and "Kill

All" for all user accounts delete.

1. User name: user account

2. ID: user account display name

- 3. Least time: indicate user did not login period
- 4. Login Username: the user account display name when login

Send test: click to send test push notification to selected list.

Note:

1. Please sign in D-ViewCam mobile APP first.

2. If the user password is changed, please sign in D-ViewCam mobile APP with the new password to start the service again.

3. If users do not want to receive notifications anymore, users can turn off this feature on D-ViewCam mobile APP. There is one possibility of de-registering failed: users have ever logged in to D-ViewCam mobile APP by typing both LAN IP and WAN IP of Main Console, but only do de-registering on one side.

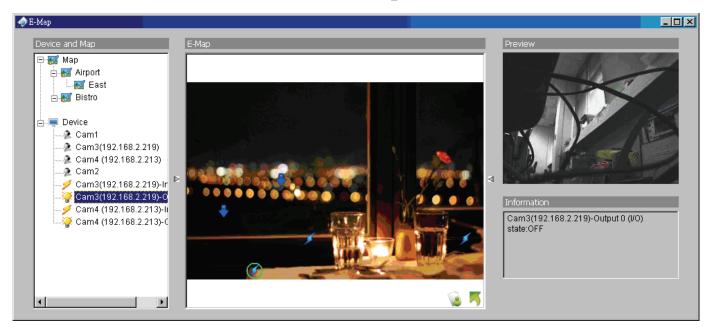
4. If users do not want to send notifications to certain user account, users can de-select the user account on **Notification General Setting**>>**Network Service**.

5. If user does not login till 30 days, user account on push notification user list will delete automatically.

6. Push notification test is depending on iOS/Android receive the message or not.

Rearm interval:		10	Sec. (Max: 300)
Jser List			
			Select All
User name	Group	Description	Login Usernam
🔲 雪 admin	Admin	Administrator	admin
E 🔍			

E-Map



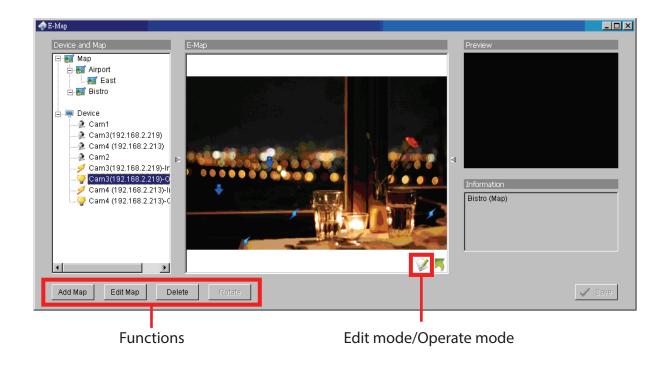
To launch E-Map, click **Start** and select **Open E-Map** from the start menu.

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 🌌 to view 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 ^{SEE} 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.



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.

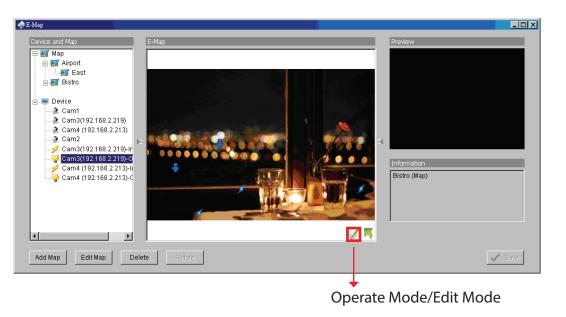
Note: Only camera indicators are allowed to be rotated.

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.

```
Section 3 - Configuration
```

E-Map

This window displays the map layers and indicators.

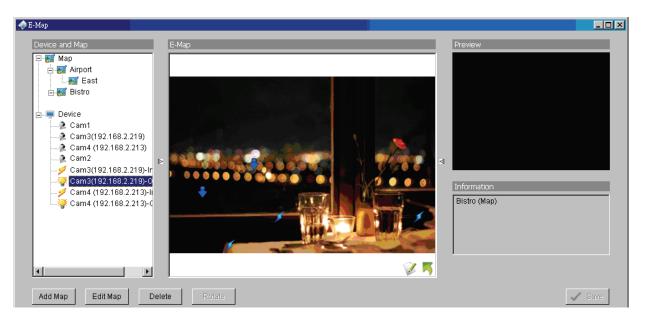
Device Indicator: Select the device indicator from Device and Map Tree list to preview video and related information.

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 🤊 on the map.

Information and Preview window

-	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 萨 🗐 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 **a** to hide the device and information windows on the right and left side.

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

Log Viewer

🔎 Log Viewer			A REAL PROPERTY.	
System Log Export and	d Backup Log Unusual Event Coun	ting Application C	Counting Application (Diagram)	Netadata Log
Log Type:	JI 🔽			
Date:	✓ 2014/11/05 ▼ 🜲			Export to
Date Time:	2014/11/05 16:01:28 * 🛓 to	2014/11/05	16:01:28 * *	Search
Event Time	Event Type	Device	Description	A
2014/11/05 11:16:59 2014/11/05 11:17:02 2014/11/05 11:39:36 2014/11/05 11:39:38 2014/11/05 11:40:15	Main Console Startup User Login Enable Channel Modify Configuration Start Schedule	1	admin CAM1	
2014/11/05 11:42:39 2014/11/05 12:57:58 2014/11/05 13:53:16 2014/11/05 13:53:37	Modify Schedule IP Camera Connection Lost Stop Schedule Start Schedule	1	Changed by admin, N/A 172.17.5.42	A, Day Mode: Camer ≡
2014/11/05 13:53:38 2014/11/05 13:54:23	IP Camera Connection Lost IP Camera Connection Regained	1 1	172.17.5.42 172.17.5.42	
2014/11/05 14:23:50 2014/11/05 14:23:51 2014/11/05 14:23:51 2014/11/05 14:25:32 2014/11/05 14:25:35 2014/11/05 14:25:35 2014/11/05 15:12:38	Stop Schedule Modify Metadata Setting Start Schedule Stop Schedule Main Console Shutdown Main Console Startup			
2014/11/05 15:12:39	User Login IP Camera Connection Lost		admin 172.17.5.42	
2014/11/05 15:15:50 2014/11/05 15:16:14 2014/11/05 15:19:21	IP Camera Connection Lost IP Camera Connection Regained IP Camera Connection Lost	1 1 1	172.17.5.42 172.17.5.42 172.17.5.42	
2014/11/05 15:19:44 2014/11/05 15:22:50 2014/11/05 15:22:14	IP Camera Connection Regained IP Camera Connection Lost ID Camera Connection Regained	1 1 1	172.17.5.42 172.17.5.42	-

To launch Log Viewer, Click on **General Setting** and select **Log Viewer** from the menu. View the unusual event history that had been detected by the Smart Guard System.

System Log

Step1: Choose the type of event you want to check or select All from the drop-down menu for all types of events. Select Log Type form the drop-down menu. There are in total 37 types of log types, including:

Step 2: View the events that happened on a particular date or during a given time period by selecting search period. For a particular date: check the Date box right and indicate the date.

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

Step 3: Click Search.

- ✓ Mainconsole Startup
- Mainconsole Shutdown
- ✓ User Login
- ✓ User Login Failed
- ✓ Start Schedule
- ✓ Stop Schedule
- ✓ Execute Recycle
- ✓ Enable Channel
- ✓ Disable Channel
- ✓ Start Smart Guard
- ✓ Stop Smart Guard
- ✓ Modify Smart Guard
- ✓ Modify Schedule
- ✓ Modify Configuration
- ✓ Start Live Streaming Server
- ✓ Stop Live Streaming Server
- ✓ Modify Live Streaming Server
- ✓ Start Remote Playback Server
- ✓ Stop Remote Playback Server

- Modify Remote Playback Server
- IP Camera Connection Lost
- Restart Windows
- Modify Metadata Setting
- Metadata Connection Lost
- Modify E-Map
- ✓ Start Remote Desktop
- Stop Remote Desktop
- Modify Remote Desktop
- Start Central Management
- Stop Central Management
- Modify Central Management
- Start Counting Application
- Stop Counting Application
- ✓ IP Camera Connection Regained
- ✓ Sync. Microsoft Active Directory User
- ✓ IP Camera Parameter Changed
- Update Metadata Plug-in

Export and Backup Log

View the Export and Backup Log history that had been operated by local or remote user.

Step 1: Choose 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 search period.

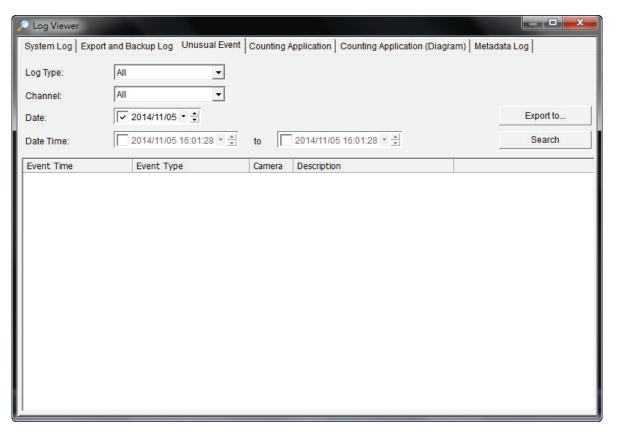
For a particular data: check the Date box right and indicate the date.

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

Step 3: Click Search

🔎 Log Viewe	r							-	- 0 X
System Log	Export and I	Backup Log L	Jnusual Event	Counting Appli	cation Count	ing Applicati	on (Diagram)	Metadata L	.og
Log Type:	All		•						
Date:		2014/11/05 -							Export to
Date Time:		2014/11/05 1	6:01:28 👻 🔺	to 201	4/11/05 16:01	:28 🔻 📥			Search
Event Time		Event Type	Success	Username	Start Time		End Time		Length
<			11						•

Unusual Event



- 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 data: Check the "Date" box and select the date you want to view. For a period: Check the "Date&Time" box and then enter the date and time.

Step 4: Click Search.

Export

After you search the log you want, you can export it to an Excel (.xls) or a text (.txt) file.

	the second se	0	5	E
		recibece		
		1.0.1		
		activation		
		-		
		1.0.1		
		adeuts		
		admin		
		-		
2007/09/12 15 08:40				
2007/09/12 15:08:54	Main Couocle Startup			
2007/09/12 15:09:01	Main Console Shoulown			
2007/09/12 15 14 11	Main Console Startup			
2007/09/12 15 14 12	Main Concole Shondown			
2007/09/12 15:14:31	Main Concole Startup			
2007/09/12 15:15:20	Main Concole Shotdown			
2007/09/12 19:44 15	Main Console Startup			
2007/09/12 19:44 58	Main Concole Shotdown			
2007/09/12 22:51 57	Main Console Startup			
2007/09/12 22:51 59	Main Conzole Shonlown			
2007/09/12 22:52:14	Main Console Startup			
2007/09/12 22:52:18	User Logia	admin		
2007/09/12 22:52:24	Main Conpole Shandown			
2007/09/12 22:53 19	Main Cospole Stamp			
	2007/09/12 15 09/01 2007/09/12 15 14 11 2007/09/12 15 14 12 2007/09/12 15 14 12 2007/09/12 15 15 20 2007/09/12 19/44 15 2007/09/12 19/44 15 2007/09/12 22 51 59 2007/09/12 22 52 14 2007/09/12 22 52 18	A B Brew/Tune Brew/Type 200709/12 0045 41 Main Cospole Startup 200709/12 0045 44 User Login 200709/12 01 11 10 Main Cospole Startup 200709/12 01 27 04 Main Cospole Startup 200709/12 01 27 05 User Login 200709/12 01 27 05 User Login 200709/12 15 06 51 Main Cospole Startup 200709/12 15 06 52 User Login 200709/12 15 06 54 Main Cospole Startup 200709/12 15 08 54 Main Cospole Startup 200709/12 15 08 54 Main Cospole Startup 200709/12 15 08 54 Main Cospole Startup 200709/12 15 14 11 Main Cospole Startup 200709/12 15 14 11 Main Cospole Startup 200709/12 15 14 11 Main Cospole Startup 200709/12 15 14 31 Main Cospole Startup 200709/12 15 14 31 Main Cospole Startup 200709/12 15 14 31 Main Cospole Startup 200709/12 15	A B C Bren/Tame Bren/Type Descaption 200709/12 0045 41 Main Coucle Startup admin 200709/12 0045 44 User Login admin 200709/12 01 11 10 Main Coucle Startup 200709/12 01 27 04 Main Coucle Startup 200709/12 01 27 04 Main Coucle Startup 200709/12 01 27 04 Main Coucle Startup 200709/12 10 27 04 Main Coucle Startup 200709/12 15 06 51 Main Coucle Startup 200709/12 15 06 51 Main Coucle Startup 200709/12 15 06 51 Main Coucle Startup 200709/12 15 06 52 User Login admin 200709/12 15 06 52 User Login admin 200709/12 15 06 52 User Login admin 200709/12 15 07 04 Main Coucle Startup 200709/12 15 08 20 200709/12 15 08 20 Main Coucle Startup 200709/12 15 08 20 200709/12 15 08 11 Main Coucle Startup 200709/12 15 14 31 200709/12 15 14 31 Main Coucle Startup 200709/12 15 14 31 200709/12 15 14 31 Main Coucle Startup 200709/12 15 14 31 200709/12	A B C D Breat/Tame Breat/Type Description D 2007009/12 0045 41 Main Coscole Startup admin D 2007009/12 0045 44 User Login admin D 2007009/12 0045 44 User Login admin D 2007009/12 01 11 10 Main Coscole Startup D D 2007009/12 01 27 04 Main Coscole Startup D D 2007009/12 10 27 05 User Login admin D 2007009/12 10 651 Main Coscole Startup D D 2007009/12 15 0651 Main Coscole Startup D D 2007009/12 15 0652 User Login admin D 2007009/12 15 0651 Main Coscole Startup D D 200709/12 15 0640 Main Coscole Startup D D 200709/12 15 0840 Main Coscole Startup D D 200709/12 15 0941 Main Coscole Startup D D 200709/12 15 14 11 Main Coscole Startup D D

.xls

2007/09/12 00:45:41, Main Console Startup, 2007/09/12 00:45:44, User Login, admin 2007/09/12 01:11:10, Main Console Shutdown, 2007/09/12 01:27:04, Main Console Startup. 2007/09/12 01:27:05, User Login, admin 2007/09/12 01:28:27, Main Console Shutdown, 2007/09/12 15:06:51, Main Console Startup, 2007/09/12 15:06:52, User Login, admin 2007/09/12 15:07:04, Main Console Shutdown, 2007/09/12 15:08:28, Main Console Startup. 2007/09/12 15:08:40, Main Console Shutdown, 2007/09/12 15:08:54, Main Console Startup, 2007/09/12 15:09:01, Main Console Shutdown, 2007/09/12 15:14:11, Main Console Startup, 2007/09/12 15:14:12, Main Console Shutdown, 2007/09/12 15:14:31, Main Console Startup, 2007/09/12 15:15:20, Main Console Shutdown, 2007/09/12 19:44:15, Main Console Startup, 2007/09/12 19:44:58, Main Console Shutdown, 2007/09/12 22:51:57, Main Console Startup, 2007/09/12 22:51:59, Main Console Shutdown, 2007/09/12 22:52:14, Main Console Startup. 2007/09/12 22:52:18, User Login, admin 2007/09/12 22:52:24, Main Console Shutdown, 2007/09/12 22:53:19, Main Console Startup.

.txt

Step 1: Click the **Export To** button.

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

Counting Application

Display the history of Counting Application during a given time period.

Step1: Select the channel you want to check or select All from the drop-down menu for all channels.

Step 2: Select search period. View the events that happened on a particular date or during a given time period by selecting search period.For a particular date: check the Date box right and indicate the date.

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

Step 3: Click Search.

Step 4: Press the button Export to.

Step 5: Type the file name and choose the file format (.xls or .txt).

System Log	Export and Backup L	Log Unusual Event	Counting Application	Counting Applica	tion (Diagram) Mt
Mode:	Basic Cour	nting 👻			
Channel:	All	•			
Date:	2014/1	1/11 🔹 🚔			Export to
Date Time:	2014/1	1/11 17:28:31 👻 🌲	to 2014/11/1	1 17:28:31 👻 📩	Search
Event Time	Chann	iel	In O	ıt	

Counting Application (Diagram)

Display the Counting Application data in diagram format.

Step1: Select the channel you want to check or select All from the drop-down menu for all channels.

Step 2: From the drop-down menu, set up how you would like the diagram to be displayed. You have the options of one day, one month, or one year.

Step 3: Select a specific date to make it the start point of the diagram.

Step 4: Click Search.

Step 5: Press the button Export to.

Step 6: Type the file name and the file will save as BMP files.

Mode: Basic Counting Channel: D-Link DCS-3511 (172. ▼) Period: One Day Date: 2014/11/11 ▼	agram) M. ┥
Period: One Day ✓ Date: 2014/11/11 ✓ ▲ 2014/11/11 In ─ Out ─ 100 90 80 70 60 50 40	
2014/11/11 In Out 100 90 00 70 60 50 40	Export to
100 90 80 70 60 50 40	Search
30 20 10 10 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	23 24

Metadata Log

View the Metadata Log history detected by the Smart Guard System.

Step1: Choose 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 Event include Transaction Start, Transaction End, Open Cash Register, Connection Lost, and special User defined event.

Step 2: Choose the camera channel you wish to view or select All for all the channels available.

Step 3: View the events that happened on a particular date or during a given time period by selecting search period.

For a particular date: check the Date box right and indicate the date. **For a period**: check the Date Time and then enter the date and time.

Step 4: Click Search. A link () will appear next to each event time where video is available. By clicking on the link, an instant playback window will pop up to show recorded video

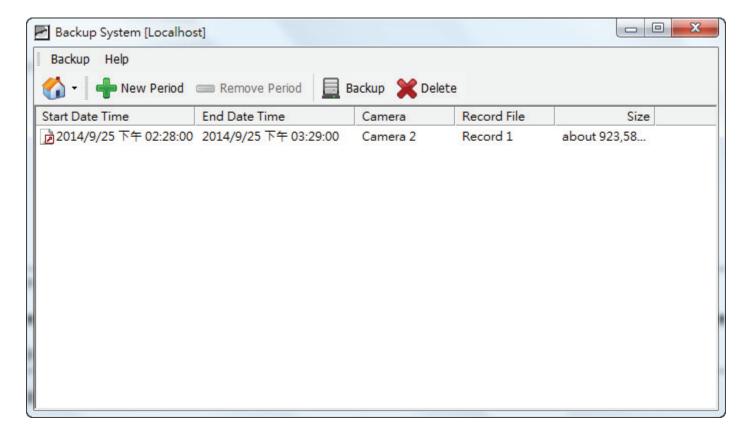
Step 5: Press the button Export to.

Step 6: Type the file name and choose the file format (.xls or .txt).

Log Type:	All	•			
Metadata:	All	•			
Date:	201	4/11/11 👻 🔹			Export to
Date Time:	201	4/11/11 17:28:31 * 🔺	to 2014/1	11/11 17:28:31 * 🔺	Search
Event Time		Event Name	Metadata Name	Camera Description	

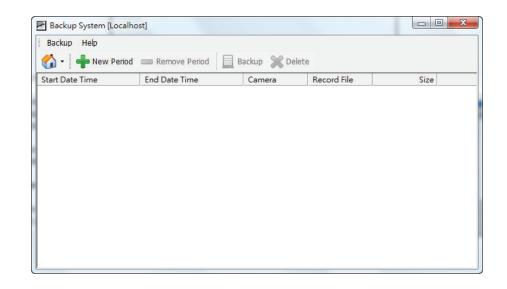
Backup

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 Step 1:** 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 ⁽¹⁾ 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.

mote Backup Site Mana	gement	
Server Setting		localhost (localhost)
Server Name:		
Address:		
Port:	5160	
User Name:		
Password:		
	Save Password:	
	Test Server	
Add De	lete Update	
		✓ OK 🖌 Cance

Section 3 - Configuration

- **Step 5:** Click on the camera number icon to add camera(s) or click + to 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, System Log, Counter Log, or Metadata Transaction), and then click **OK**.

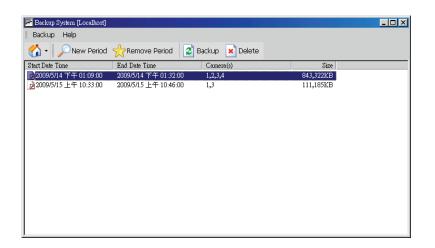
Note: The backup cannot exceed 7 days of recordings.

P 🔃 🕵 🔇 🔘	Event C	olor Displ	lay Settings				Video Previe Enable P			1	2:05:1
		Color	Foreign Missing Focus L	Motion Motion(De Object Object ost Occlusion							111
Show Recording Schedule											
Show Event Log tart Time: 2014/11/05	12:05:00	•	End Time:	2014	4/11/05	• 12:41:00	· · ·				
tart Time: 2014/11/05	12:05:00 1 2	• • 3	End Time:	0	4/11/05		10 11	12	13	14 15	5
tart Time: 2014/11/05								12	13	14 15	5
tart Time: 2014/11/05 									13	14 15	5
art Time: 2014/11/05 1/05 0 1/05 0 2014/11/05 0 1/05 0 1/									13	14 15	5
art Time: 2014/11.05 → → 11/05 0 → D-Link DCS-3511 → Camera 2 → Camera 3 → Camera 4									13	14 15	5
art Time: 2014/11.05									13	14 15	5
tart Time: 2014/11.05 → 11/05 → 0-Unk 0C5-3511 → Camera 2 → Camera 3 → Camera 4 → Camera 7 → Camera 7									13		5
tart Time: 2014/11/05 11/05 0 11/05 0 10 C-amera 2 10 C-amera 3 10 C-amera 4 10 C-amera 6									13		5

Backup	x
Summary Total backup data size: 52,997KB	
_ Media	
C Backup using CDROM	
O Backup using DVD	
Backup on HardDisk	
≽	
Coption	
F Backup Event Log	
🗖 Backup System Log	
🗖 Backup Counter Log	
🗖 Backup Metadata Transaction	
Backup Adv. IVS Counting Log	
F Backup IVS Event Log	
Include Playback application	
V OK X 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 the Remote Live Viewer software, remote users may watch real-time video channel per server from remote live streaming servers



Setting

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



General Setting

LiveView Setting	×
General Server Group Camera OSD Metadata Monitor Display Not Audio preview Enable audio on active channel	tification Joystick
Miscellaneous	
Run Remote Live Viewer On Monitor	
Startup Full Screen	
	V OK X 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.

Run Remote Live Viewer on Monitor

Select monitor to display Remote Live Viewer.

Startup

Full screen: Users can view the window as the full screen mode

Server Setting

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**.

	er Name: Test Address: 127.0.0.1	1	🕼 Test (127.0.0.1)	
	Port: 5150			
Use	er Name: admin			
	assword:			
*Second Pa	assword:			
1000 Contraction (1000)	to Login: 🗖			
	Test	Server		
Add	Delete	Update		
*Fill in second passv	vord while Dual Pa	ssword Validati	on is set.	

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.

LiveView	Setting								-		×
General	Server	Group	Camera	OSD	Metadata	Monitor Di	splay No	otification	Joystick		
Access of	🖀 Delet		ame			🖥 Login					
	ew Group				• • • •	∃ 🖾 Test	nk DCS-35	11 (172.17	.5.		
						• [m		Þ		
								-	ОК	×	Cancel

Camera Setting

Select the preferred stream type of each camera as default live view profile

Stream profile: Select a layout type and choose which stream profile you would like to apply on this layout.

For some layout with large and small grid, you are able to assign different stream profile.

Record 1: The system will follow the stream profile set in **main console > Schedule > Configuration.**

Record 2: The system will follow the stream profile set in **main console > Schedule > Configuration**.

Main / High / Normal / Low/ Minimum: The system will follow the stream profile set in main console > Schedule > Configuration.

Apply to All Layout: Apply the stream profile setting of current layout to the other layouts.

Copy to: Select in order to copy the preferred stream profile of a channel to all of the listed channels

≣ Login ⊟- ⊠ Test			
⊡ est □ D-Link DCS-3511 (172.17.5.4	Stream Profile	(4:3) 1x1	<u>_</u>
	Stream profile:]
	Video format:	-	
	Frame rate:	-	
	Resolution:	-	
	Quality:		
	Bitrate:	-	
			Apply to All Layout

OSD Setting

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

eneral Server 0	Group Camera OSD Metadata Monitor Display Notification J	Joystick
Enable camera OS	3D	
Foreground Font:	Tahoma ▼	
Size:	9 -	
Color:		
✓ Bold	✓ Edge	
Background		
Color:		
Transparency:	40	
nfo		
Camera Name	· · · · · · · · · · · · · · · · · · ·	
Date	2014/11/05 👻	
🗖 Time	下午04:27:15 -	
F Bitrate		
	Default Apply	

Metadata Setting

Select the font style and color for the Metadata overlay on the panel.

LiveView Setting				×
General Server	Group Camera OSD	Metadata Monitor	Display Notification J	oystick
Foreground Font: Size:	Tar Tahoma	<u> </u>		
Color:	Edge			
Background Color: Transparency:		40		
		Default	Apply	
			 ✓ 	OK X 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.

- **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.

#1	1366 x 768	Auto scan		
		Auto scan group:	All Camera 💌	
		Primary channel:	(Not Used)	
		Secondary channel:	(Not Used)	
		Auto scan interval:	2 sec.	
		Layout		
		NxN type:	5x5 💌	

Status display

Section 3 - Configuration

Notification Settings

monitor display.

Show camera event: Check to show the smart guard detected event appointed in main console on each channel.

Note: To execute this function, please General Setting "on screen display" as an action of Smart Guard instant response.

Switch live view layout to 1x1: Check to switch the display layout to 1x1 when smart guard detected event appointed in Mainconsole on each channel.

Play sound alert: Enable playing sound on event: Check to enable sound alerts on events.

Sound File: Choose a sound file to play. You may use the default file or define another.

Life Cycle: Choose to allow the sound alert to close when events disappear, or define a timer to close the sound alert automatically after a specific period of time.

Note: To execute this function, please General Setting "play sound" as an action of Smart Guard instant response.

Seneral Server Group Camera OSD Metadata Status display	Monitor Display Notifical	tion Joystick
C Show recording status		
Show event message on screen		
Switch live view layout to 1x1		
Show counting result		
Play Sound alert		
Enable playing sound on event		
Sound File		
Oefault		
C User defined wave file		î 📄
Life Cycle	· · · · · · · · · · · · · · · · · · ·	
 Automatic cancel sound alert when event disappea 	r	
C Stop sound alert after	10 sec.	
Miscellaneous		
Popup system event		

Joystick Settings

Settings are same to Main console joystick settings. For details please refer to page 53.

General Server Group	Camera OSD	Metadata Monitor D	isplay Notification	Joystick
Active Joystick:				~
F	thoax	Import	Default	
E	ixport	Import	Default	
E	ixport	Import	Default	

Server/Group/Camera

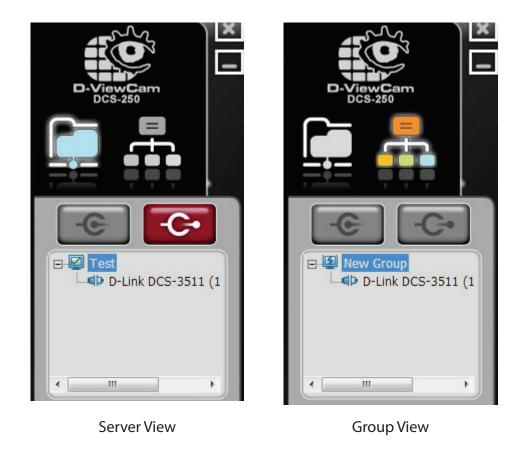
Display a complete list of the server(s), group(s), and camera(s) that are added to the system.



ck real icon to display cameras sorted by servers.



roup View: Click icon to display cameras sorted by group names.



Login/Logout Server

or the

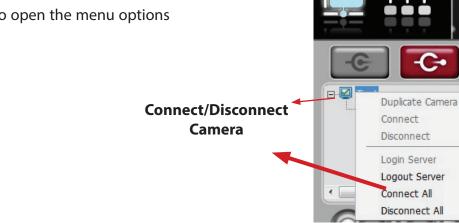
Option 1: Select a server on the list and then click on the -C• Log Out icon to leave the server.

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

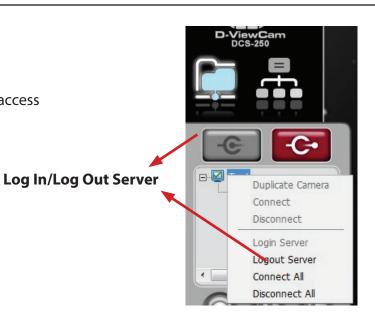
Connect/Disconnect Camera

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.



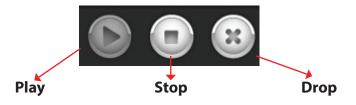
Log In icon to access



D-ViewCam

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** > **Setting** > **PTZ Config** > **Patrol**.

On Screen Menu

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

Enable Talk

With cameras that support two-way audio, select Enable Talk to utilize the function

Enable Audio

Select this option to enable the audio transmission along with video stream

Enable Digital PTZ

To enable the PTZ functions of the camera, select the Enable Digital PTZ option. Use the 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 correspondent view of the camera.

Enable Move

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

Fix Aspect Ratio

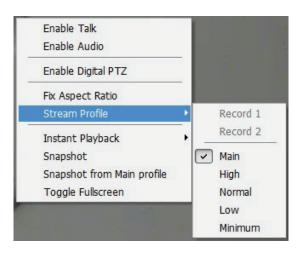
For some special camera resolution, user can enable Fix Aspect Ratio to view original ratio video, or disable this option to stretch 3:4 to fit window.

Stream Profile

Select different level Stream Profiles to downgrade video guality for bandwidth concerns.

Instant Playback

Instant Playback function allows you to play the last few minutes of any live video channel. Simply right click Live Channel and select Instant Playback to access the recorded video.



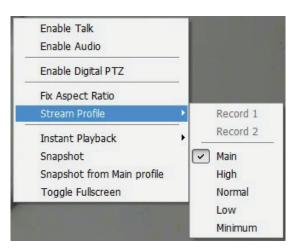
Snapshot

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

Snapshot from Main Profile

Select the snapshot function to capture a specific video image frame from the camera main profile immediately. You have the options to copy the image to clipboard or to save it **Toggle Fullscreen**

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



Playback

Select to open the Playback console and view video remotely.

Add Remote Playback Site

Click the **Remote Sever** icon for 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.

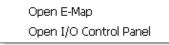
Access Remote Playback Site

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

29 13 14 15 16 17 18 19 30 20 21 22 23 24 25 26 31 27 28 29 30 31 1 2	30 20 21 22 23 24 25 26	Ren	note	Sei	rver	1 ((192	2.16	8.1.	.51)
30 20 21 22 23 24 25 26 31 27 28 29 30 31 1 2	30 20 21 22 23 24 25 26 31 27 28 29 30 31 1 2	Ren	note	Se	rver	2(192	2.16	8.1.	.52)
31 27 28 29 30 31 1 2	31 27 28 29 30 31 1 2	29	13	14	15	16	17	18	19	
		30	20	21	22	23	24	25	26	
	32 3 4 5 6 7 8 9	31	27	28	29	30	31	1	2	
32 3 4 5 6 7 8 9		32	3	4	-5	6	- 7	8	9	

🚰 Remote Playback Site Management	x
Server Setting	
🧭 Server Name:	
Address:	
Port: 5160	
User Name:	
Password:	
Save Password: 🗖	
Test Server	
Add Delete Update	
	V OK Cancel

Start Monitor





E-Map

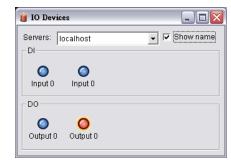
Select **Open E-Map** to open the E-Map window.

1	Мар	Select the map you want to show on E-Map Window.
1	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.

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 🗪 .

Step 1: Go to Start > All Programs > D-Link D-ViewCam Plus > Verification Tool.



Step 2: Enter the Username and Password to log in.

Login Verification Tool	×
Please enter password	for the administrator of Main Console :
User Name: Password:	admin
ОК	Cancel

Overview

J Verification	
File Name Watermark Start Time End Time C00002 2009/05/ 2009/05/ D-Link DC C:\Documents and Se	Video Preview
Status : Verify : Number of Verified Files : 0 files Number of Passed Files : 0 files Time left : 00 : 00 : 000	▶ & [[

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

Id Folder: Click to choose a folder with multiple files and then add it to the list for verification.

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

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 \checkmark .

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

Verification					
🗈 🖨 📑 🔡				٩	Video Preview
File Name 🛛 Wa	termark 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 ᆐ	2009/06/	2009/06/	Sanyo VD	C:\Documents and	
🖗 COOOO1 🗇 -	2009/05/	2009/05/	TRENDne	C:\Documents and	
🖗 COOOO1 🗇 -	2009/05/	2009/05/	TRENDne	C:\Documents and	
🗩 COOOO 1 💓 🗌	2009/05/	2009/05/	TRENDne	C:\Documents and	
🖗 COOOO2	2009/05/	2009/05/	D-Link DC	C:\Documents and	
🖗 COOOO2	2009/05/	2009/05/	D-Link DC	C:\Documents and	
า	0000/05/	0000/05/	D11100		
Status :		Verify	:		▶ & III ■
Number of file	Verified : 7 file	es Tim	e elapsed :	00:08:266	
Number of file	Passed: 7 file	es Tim	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 de-activate the license and activate it again in another PC.

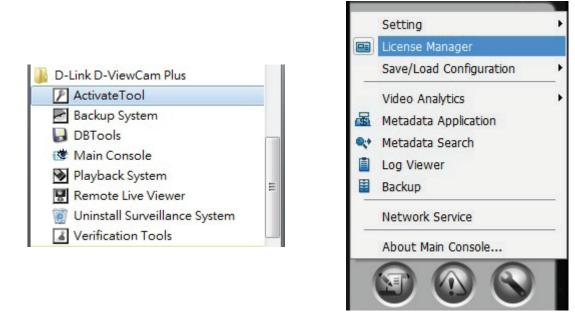
The following lists 4 types of license management process:

- 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 click Activate Tool in the installation folder or browse the installation folder and click **Activate Tool.exe**.



The License Manager Tool screen displays.

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.

SN Cł	nannel Product	Status
Activate type		
Online activation:		
Input SN:		
C Import SN file:		l i i i i i i i i i i i i i i i i i i i
C Activate from dongle		
		Activate
		Activate
C Offline activation:	Electronic Characteristics	
Step 1 : Export server info Manual key-in SN		
C Activate from dong	jie	
	Expo	rt offline pack
Step 2 : Use "Offline Tool file.	I" to activate license and	get offline license
Step 3 : Import offline lice	ense file:	
	· · · · ·	Import

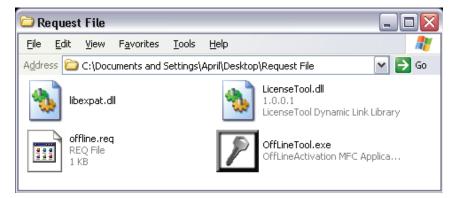
Activation Off line

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 , and then click Activate to send the Request File to the license server.

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

Step 6: Save this License file, and then copy it to the D-ViewCam Plus server.

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

SI	N type:	
	C Input SN:	
	C 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

Transfer Off line

Step 1: Start the License Manager Tool.

Step 1: Start the License Manager Tool.

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

Step 3: Select your SN (Serial number) and then click **Transfer**.

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

Step 3: Select SN (Serial number) and then click **Transfer**.

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

Channel	Product	Status
16		activated
		Transfer

License Management Tool				
Channel	Product	Status	_	
16		activated		
		Transfer		
			16 activated	

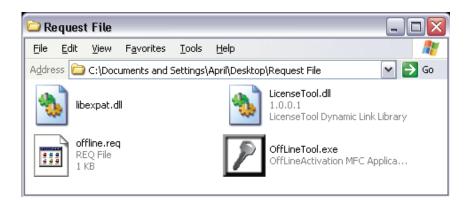
Step 4: Save the **Request File** and restart the MainConsole if activation is successful.

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.

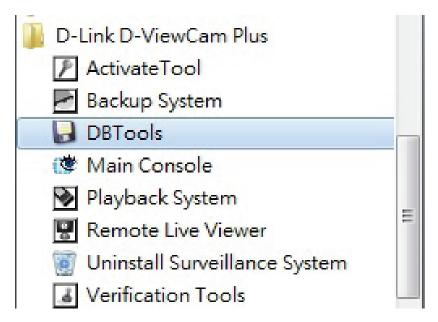


Z	Off Line Tool
	Information:
	Transfer activated SN.
	Transfer SN:
	5A71-D23C-09E1-7422
	Transfer Exit

7	Off Line Tool	X
	Information:	
	Complete! Transfer has finished.	
	=======================================	
	Transfer activated SN.	≣
	Transfer SN:	
	5A71-D23C-09E1-7422	~
	Transfer Exit	

DB Tool

Step 1: Execute DB Tools from the Start menu.



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

X
onsole :

Section 3 - Configuration

Repair Database

This page has three repair methods: **Modify Location**, **Verify Only**, and **Repair Index and Repair Database**.

Modify Location

Playback system can recognize all recording video in the folders which list on **Main Console** > **Config** > **Setting** > **General** page. For some reason, 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.

Step 1: Select **Modify Location** from the Method drop-down menu.

Step 2: Click on the 📴 button and select a new location.

To remove a database location, select it from the list and click on the *k* button to delete location.

Step 3: Click on the **Modify** button to save the location.

Method:	Modify Location	•
	Modify Location	
Start	Verify Only	
otart	Repair Index	
	Repair Database	
101		

12\

Modify Result:	2 locations confirmed.		
		Open Log	Modify

Step 3: Click is and select a new location.

To remove a database location, select it from the list and click 🔀 to delete location.

Video File Locations	
C:\Program Files (x86)\D-Link\DCS-210_220_23 C:\Program Files (x86)\D-Link\DCS-210_220_23	

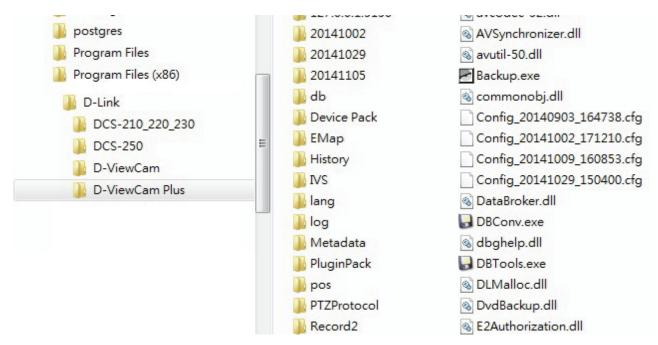
Step 4: Click **Modify** to save the location.

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.



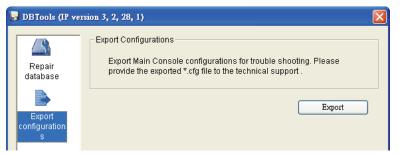
- 2. Manually paste all recorded video files to the default installation path or other user-defined storage path of the new PC.
- 3. Follow the previous page to add new location on new PC.
- 4. Old recorded video data can be viewed by the playback system on the new PC.

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

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
P 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.da File Broken: D:\Video/20080708/c00002/c00002s00A20080708114304625.da 41 files verified, 2 files broken, 0 files missing. Operation "Verify Only" is finished at (2008/07/14 12:01:19)	🗠 .t .t
Operation "Verify Only" is started at (2008/07/14 12:13:19) File Broken: D:\Video/20080708/C00002/C00002S00A20080708112323437.da File Broken: D:\Video/20080708/C00002/C00002S00A20080708114304625.da 41 files verified, 2 files broken, 0 files missing. Operation "Verify Only" is finished at (2008/07/14 12:13:20)	 t
Operation "Repair (Complete)" is started at (2008/07/14 12:13:58) File Repaired: D:\Video/20080708/c00002/c00002s00A20080708112323437. File Repaired: D:\Video/20080708/c00002/c00002s00A20080708114304625. 2 files fixed, 41 files inserted. Operation "Repair (Complete)" is finished at (2008/07/14 12:14:07)	dat dat
[4]	

Remote Desktop Viewer

How to install Remote Desktop Viewer

Step 1: Download the DCS-250 software from http://download.hq.dlink.com/DCS-250/ and extract it to a folder.

Step 2: In the newly created folder, open the **RemoteDesktopViewer** folder 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				

Intelligent Video Surveillance (IVS) Software

The Intelligent Video Surveillance(IVS) software provides cutting-edge instant video analysis by tracking both moving objects and static targets while factoring environmental changes.

There are two different IVS licenses available: the Counting License and the Presence License. For information on how to register your IVS license key and activate the IVS features, refer to "License Management Tool" on page 174.

Feature	Counting License	Presence License
Number Of Detection Zones Or Lines	40	40
People Counting	\checkmark	
Vehicle Counting	\checkmark	
Video Stabilizer	\checkmark	
Tamper Detection	\checkmark	✓
Presence Filter		\checkmark

- People Counting: This provides a bi-directional line-crossing filter, suitable for counting people in busy doorways and entrances.
- Vehicle Counting: This captures statistics on vehicle flow, and also provides speed estimates for vehicles.
- Video Stabilizer: In environments where stability is an issue, this helps compensate for any movement, providing a clear view.
- Tamper Detection: Detects any event that significantly changes the field of view of a camera, such as a loss of focus, the camera being covered, etc.
- Presence Filter: Detects when an object or individual has entered a defined area.

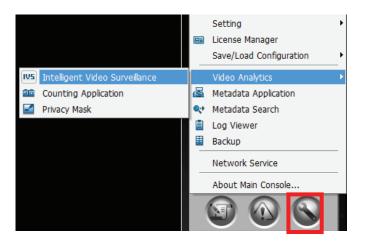
Accessing the IVS Interface

Step 1: To access the IVS interface, double-click the camera you want to analyze video for.

Step 2: Click the General Setting button. In the menu that appears, select Video Analytics,

then click Intelligent Video Surveillance to open the IVS window.





Section 3 - Configuration

Zones & Rules

In order to make detection zones and lines useful, it is essential that you define the zones and the rules used to monitor them. The Zones & Rules tab lets you fine tune the detection zones and detection rules.

Accessing the Zones & Rules Settings

Open the IVS interface and click on the **Zones & Rules** tab.

The Tracking Display

The tracking display shows all moving and static targets that are currently being tracked by IVS. Alarmed objects are marked red, and non-alarmed objects are marked yellow. The tracking display also shows how the trails of detected objects intersect your defined detection zones and lines.



Zones & Rules | Advanced | Tamper Detection

VCA Demo APP Ver[1, 2, 0,

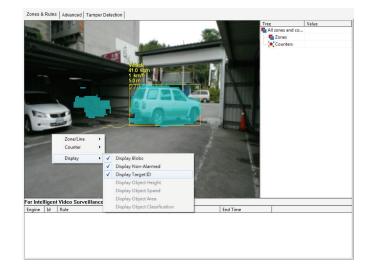
⊡^{JV}§IVS

👚 Insert 🗶 Delete 📷 Configure

Customizing the Tracking Display

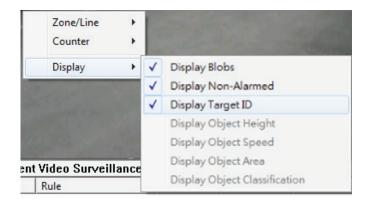
You can customize the tracking display window to show various tracking data.

Step 1: Right-click on the tracking display window, then select **Display** from the menu that appears.



Step 2: Here, you can choose whether or not to display specific tracking information.

Setting	Description	Default Setting
Display Blobs	Shows the algorithm coverage with a turquoise-colored blob.	Disabled
Display Non- Alarmed Objects	Displays all objects, including alarmed and non-alarmed objects, to show how the detection zones and object trails intersect in order to assist you with optimizing your detection settings. Alarmed objects are marked red, and non-alarmed objects are marked yellow.	Enabled
Display Target ID	Displays the object's ID number to help differentiate detected objects.	Disabled



D-Link D-ViewCam Plus User Manual

Creating Detection Zones and Lines

You can define detection zones and lines to help detect events of interest.

Creating a Zone or Line

Right-click on the video image, select **Zone/Line**, then click on **Create zone** or **Create line**.

Editing a Zone or Line	
------------------------	--

You can change the shape or size of a detection zone or line by clicking and dragging on their "nodes" at their corners.

Adding a Node

To add a node, double-click on the zone or line at the point where you want to add a new node. Alternatively, you can right-click on the area or line where you want to add a new node, select **Node** from the menu that appears, and click **Insert Node**.

Removing a Node

To remove a node, right click on the node, select Node from the menu that appears, and click **Remove Node**

							Color Detect/non-dete.	Zone 0-Presence
:1		t Video Surveillance				1		
	Id 0	Rule	Zone Name Zone 0	Object Class	Start Time 2012-09-01 21:29:39	End Time 2012-09-01 21:29:48		
	U	Object Presence	20ne U		2012-09-01 21:29:39	2012-09-01 21:29:48		

Zone/Line	×	Create zone
Counter	×	Create line
Display	•	Remove All zones/lines

Zones & Rules | Advanced | Tamper Detection

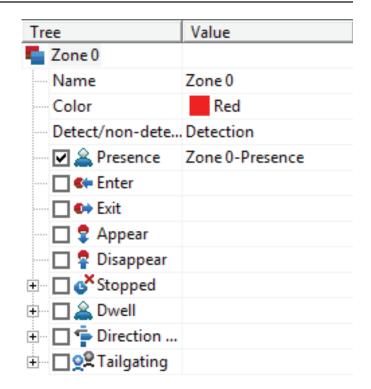


Detection Properties

When you select a detection zone or line, the properties for it will appear on the right side of the tracking display. You can click on a property to change its values, or you can click on a checkbox to enable or disable a detection option.

Each detection zone and line has the following properties:

Setting	Description	Default Setting
Name	Enter a name to help you identify the zone or line.	Zone [ID No.]
Color	Select a color to use for the zone or line.	Red
Detect/non-detect	Set whether the zone or line is to be used for detection.	Detection
	When a zone is set to Non- Detection, it will not be used for tracking or detection. This can be useful for preventing false alarms, such as foliage moving in the wind. Non-Detection areas will have a grid of Xs through them when shown in the tracking display.	



If you have an IVS Presence License, you can choose to enable this feature to trigger an alarm when an object is present inside a detection zone, or if an object passes through a detection line.



Counters

If you have a Counting License, you can create an on-screen counter to show how many alarms have been triggered by objects entering a specified detection zone or crossing a specified detection line. Counters can also show how many objects are currently in a specified detection zone or crossing a specified detection line.

Creating a Counter

Right-click on the tracking display, select **Counter**, then click **Add counter**.

Zone/Line	•	
Counter	•	Add counter
Display	•	Reset All counters
- A		Remove All counters

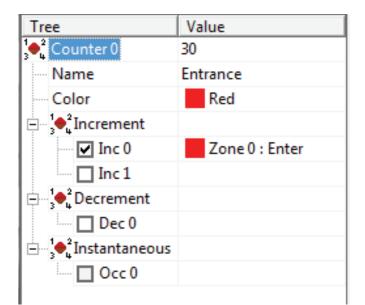
A counter will be added to the video image. You can click and drag it to move it to a desired position, and you can click and drag its corners to resize it. After creating a counter, you can adjust its properties on the right side of the screen to define its behavior. These properties are described on the next page.



Counter Properties

When you have a counter selected, you can adjust its properties and how it will adjust its count.

Setting	Description
Counter #	This is the current value of the counter.
Name	Enter a name to help you identify this counter.
Color	Select a color to use for this counter.
Increment	Increases the counter each time an object enters the specified detection zone or crosses the specified detection line.
Decrement	Decreases the counter each time an object enters the specified detection zone or crosses the specified detection line.
Instantaneous	This will set the counter to display the number of objects that are currently in the specified detection zone or crossing the specified detection line.



Advanced IVS Configuration

The Advanced tab on the IVS interface allows you to adjust various settings related to video stabilization and how alarms, object detection, and counting are performed.

Accessing the Advanced Settings

To access the advanced settings, click on the **Advanced** tab in the IVS interface.

Advanced Settings

The settings available may include the following:

Setting	Description
Camera Shake Compensation	Enabling this feature can help improve IVS performance if your cameras are installed in vibration-prone locations.
	If camera shake is not an issue for your cameras, this setting should be disabled.
Alarm Retrigger Time	After an alarm is triggered by an object, this sets the delay before another alarm can be triggered by the same object.
Tracker Configuration	This sets how large an object must be in order to track it, and how long to track an object for after it stops moving.
	Minimum tracked object size : This sets the minimum size for an object in order for IVS to track it. You can lower this value to track smaller objects, but this may result in more false detections and sacrifices noise immunity. Normally, there is no need to change this value.
	Object hold on time : This sets the amount of time to track an object after it stops moving. After this time expires, IVS will forget the object.
Counting Runtime	Reset every: This sets a daily time to reset the counters.
	Log every: This sets how often IVS will save the current counter values to a log file.

Zones & Rules Advanced Tamper Detection	
Camera Shake Compensation	
Alarm Retrigger Time Alarm Holdoff time: 5 secs	
Tracker Configuration Minimum tracked object size 0bject hold on time 60	
Counting Runtime Reset every 01:00 AM 💌 Log every 30 mins 💌	

Tamper Detection

Tamper Detection lets you detect events when the camera's view has been significantly changed or altered. This can be useful for detecting events like the camera view being blocked, the camera being defocused, redirecting the camera, spray-painting of the camera, etc. Tamper Detection relies on large, persistent changes in the video image.

Accessing Tamper Detection

To access the Tamper Detection settings, click on the **Tamper Detection** tab in the IVS interface.

Zones & Rules Advanced Tamper Detection

Tamper Detection Settings

The settings available may include the following:

Setting	Description
Enable Tamper Detection	This will enable or disable the Tamper Detection feature.
Tampered Duration until Alarm	Sets how long the camera's view must be changed for before an alarm is triggered to indicate tampering. Short times will give you faster notification of possible tampering, but may result in false positives.
Tampered Screen Area	This sets how much of the video image must change to trigger an alarm. Smaller values will make detection more sensitive, but may result in false positives.
Suppress alarm on lights on/off	Enabling this will help IVS filter out situations where there may be rapid changes in the lighting of the environment, such as turning indoor lighting on/off, to prevent false detection of tampering. Enabling this setting will sacrifice some detection sensitivity, so if your cameras are not viewing an area that may have fast lighting changes, this setting should be disabled.

Zones & Rules Advanced	Tamper Detection		
Enable Tamper Dete	ction		
Tampered Duration un	til Alarm 20	secs	
Tampered Screen Area	40	%	and the second
Suppress alarm on	lights on/off		

IVS Log Viewer

IVS works with D-ViewCam's Log Viewer to record detected events and alarms. You can also export these logs to file.

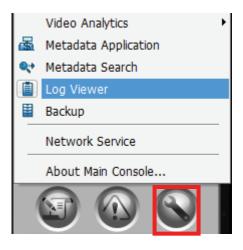
Accessing the Log Viewer

From D-ViewCam's Main Console, click the General Setting button, then select **Log Viewer** from the menu that appears.

The Log Viewer window will open. IVS adds three tabs to the Log Viewer: **Counting Application**, **Counting Application** (**Diagram**), and **IVS Event**.

Counting Application	Shows a log of the IVS counter values during a specified period of time.
Counting Application (Diagram)	Shows a bar graph of the IVS counter values during a specified period of time.
IVS Event	Shows a log of events detected by IVS.

The contents of these tabs are described in the following pages.



Export and Backup	Log Unusual Event Co	ounting Applicatio	n Counting Application (Diagram)	IVS Event Meta
Rule Type:	All	•		
Device:	All	•		
Date:	2012/09/08 -			Export to
Date Time:	2012/09/08 23:50	:12 * 📩 to	2012/09/08 23:50:12 *	Search
Event Time	Rule Type	Device Name	Description	
		1		

Counting Application

This tab shows a log of the IVS counter values during a specified period of time.

To view a log of your IVS counter activity:

- Step 1: Use the Mode dropdown box to select whether you want Basic Counting or Adv. IVS Counting.
- **Step 2:** Use the **Channel** dropdown box to select which channel you want to see activity for, or if you want a log for **All** channels.
- **Step 3:** Select the period of time you want to search for. Select **Date** if you want to show activity for a specific day, or select **Date Time** and enter the period of time you want.
- **Step 4:** Select **Search** to show the search results. You can click the **Export to...** button to export the log to an .xls or .txt file.

Counting Application (Diagram)

This tab shows a bar graph of the IVS counter values during a specified period of time.

To view a graph of your IVS counter activity:

- Step 1: Use the Mode dropdown box to select whether you want Basic Counting or Adv. IVS Counting.
- Step 2: Use the Channel dropdown box to select which channel you want to see activity for.
- **Step 3:** Use the **Period** dropdown box to select the period of time you want to search for, then set the **Date** you want to see activity from.
- **Step 4:** Use the **Counter** dropdown boxes to select which counters you want to see activity for. You can select up to 3 counters. Please note that if you select a counter that uses instantaneous counting, the counter value that will be displayed will be the last value recorded during the selected period.
- **Step 5:** Select **Search** to show the search results. You can click the **Export to...** button to export the graph to a .bmp file.

Log Viewer Unusual Event Cour	ting Application Counting Ap	plication (Diagram) IVS Ev	ent Metadata Log	
Mode:	Adv. IVS Counting			
Channel: Date:	All			Export to
Date Time:	2012/09/10 19:00:02 *	to 2012/09/10	19:00:02 *	Search
Event Time	Device	Counter	Result	
2012/09/10 17:59:32 2012/09/10 18:00:00 2012/09/10 18:03:31 2012/09/10 19:00:00	[01] 123 [01] 123	Counter 0 Counter 0 Counter 0 Counter 0	-13 -24 -74 -104	

🔎 Log Viewer	and the second diversion of	-	State of the local division of the	
System Log Export	and Backup Log Unusu	al Event Counting Ap	plication Counting Applica	ation (Diagram)
Mode:	Adv. IVS Counting	Counter:	Counter 0]
Channel:	[01] 1	•	N/A]
Period:	One Day	•	N/A	Export to
Date:	2012/08/28 🔹 🔹			Search
2012/08/2	8 Counter 0 ———	-		
1020				
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612				
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204			• • • • • • • • • • • • • • • • • • • •	
102				
	345678	9 10 11 12 13 14	4 15 16 17 18 19 20	21 22 23 24

IVS Events

This tab shows events recorded by IVS.

To view a log of events recorded by IVS:

- **Step 1:** Use the **Rule Type** dropdown box to select what type of event to view, or select **All** to view all event types.
- Step 2: Use the Device dropdown box to select which camera you want to see activity for.
- **Step 3:** Select the period of time you want to search for. Select **Date** if you want to show activity for a specific day, or select **Date Time** and enter the period of time you want.
- **Step 5:** Select **Search** to show the search results. You can click the **Export to...** button to export the log to an .xls file.

Rule Type:	All	-			
Device:	All	-			
Date:	2012/09	/08 • ≑			Export to
Date Time:	2012/09	/08 23:50:12 💌 🚖	to	2012/09/08 23:50:12 -	Search
Event Time	Rule Ty	rpe Device	Name	Description	

Frequently Asked Questions

1. What languages does the D-ViewCam Plus software support?

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

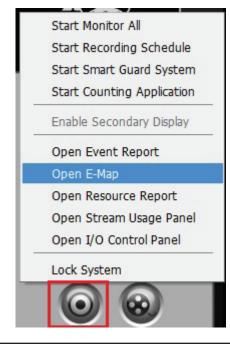
2. How do I set up E-Map?

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.



n E-Map		🛛
Device and Map E4 Map Department Image: Constraint of the second se	Map Coafig Map Image File: Map Name: C 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.

🛷 Е Мар		
Map 5. Floor1 5. Department Delink DC9-6100 (192.168. D-Link DC8-1000 (192.168. D-Link DC8-5230 (192.168. D-Link DC8-56100 (192.168. D-Link DC8-5710 (192.168. D-Link DC8-5100 (192.168. D-Link DC8-3710 (192.168. D-Link DC8-5100 (192.168. D-Link DC8-6100 (192.168. D-Link DC8-6100 (192.168. Department-Inpu10 Department-Inpu11 Department-Output 0 D-Link DC8-6100 (192.168. D-Link DC8-6100 (192.168.		Preview Proview Pro
Add Map Edit Map	Delete	7. ✓ Save

Section 4 - FAQs

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:

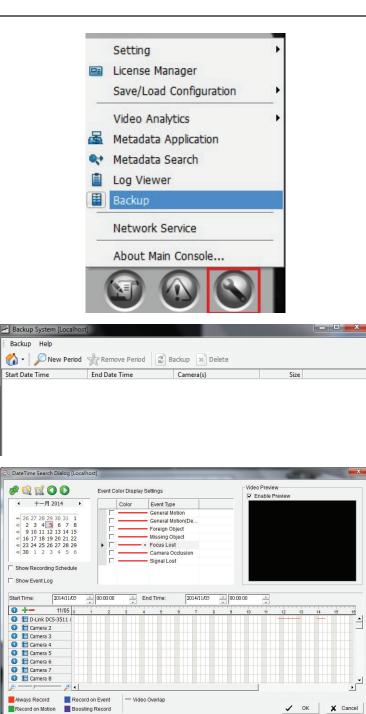
Step 1: Go to Main Console > General Setting > Backup.

Step 2: Click New Period.

Step 3: Set the Start and End Time.

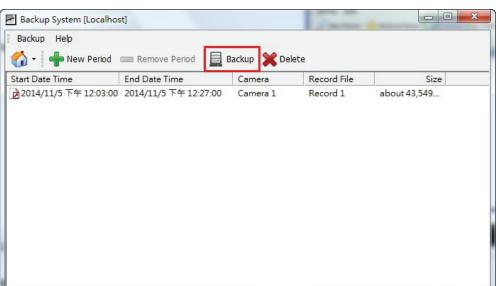
Step 4: Select the cameras that you want to backup.

Step 5: Click OK.



Step 6: Click Backup.

Step 7: Click New Period.



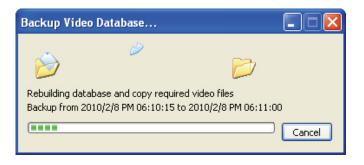
Step 8: Choose a location to backup media.

Step 9: Select Backup Event Log and Backup System Log.

Step 10: Click OK.

Step 11: You can now execute the playback.exe to check your backup files.

Summary	1000		
fotal backup data size: 43,549	ЭКВ		
Media			
C Backup using CDROM			
C Backup using DVD			
Backup on HardDisk			
		🗳	
Option Backup Event Log Backup System Log			
Backup Counter Log			
🗖 Backup Metadata Transa	ction		
Backup Adv. IVS Counting	Log		
Backup IVS Event Log			



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

	(ools thelp Disearch 🍋 Polders 🛄 -				
	Country 1				
Englocuments and Se	and a second sec	See	- Basic -	Date Hodfied	2
File and Folder Tasks	3 None 3 20071102	201	Type ~ File Folder	11/2/2007 6-53 PH	
The and reader takes			File Folder	11/2/2007 8:53 PM	
🔰 Make a new fulder	Sin Pertack	2,909 KB	Application	10/18/2007 11/18 PM	
Publish this folder to the	SAVSindronizer dl			10/16/2007 3:32 PM	
Web	Set.d	\$16 KB	Application Extension Application Extension	10/19/2007 1:51 PM	
😜 Share this folder	Noden a	1.600 KB		3/21/2006 5/32 AM	
Alter Concerner 1	B.pig	2.061 KB	Application Extension	10/19/2007 1:52 PM	
AN OWNER OF STREET		973 KB	Application Extension	3021/2006 5:32 AM	
Other Places	a Sintes2.dl Nintes2.dl	26.43	Application Extension	3(21)2006 5:32 AM	
Ca Delition	Service de	290.48	Application Extension	3/21/2006 5:32 AM	
A Hy Documents	Servet.d	316 KB	Application Extension	3/21/2006 5:32 AM	
	ShuCodec.dl	105 48	Application Extension	10(19/2007 1:53 PM	
Shwed Documents	Singers di	295 KB	Application Extension	10/16/2007 3:32 PM	
Hy Computer	Same di	11 88	Application Extension	16/19/2007 11:20 AM	
Hy Network Places	Scored di	1,096.60	Application Extension	10/16/2007 3-32 PM	
	Sparsedatapacket.dl	40.40	Application Extension	10/16/2007 3:32 PM	
Concerns of the second s	All and and a	560 KB	Application Extension	10/14/2007 3-32 PM	
Details	Bing di	77 KB	Application Extension	10/19/2007 1:50 PM	
	(C)EventLog	104 10	Mcrosoft Office Acc	10/14/2007 3:29 PM	
	(f) Factorian	290 KB	Microsoft Office Acc		
	(d) SystemLog	100 KB	Mcrosoft Office Acc		
	deracteout	1.00	Microsoft Office Acc		
		1.000	and a second second	a series of the	

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 > System Setting > General** and enable **Preview Active Channel**.

The default channel means the background audio of camera channel.

Startup	Storage	Status Display
Main Console Schedule Recording System Smart Guard System Counting Application	Location III C:\Program Files (x86)\D-Link\D-ViewCam	 ✓ Current Date ✓ Current Time ✓ Login User
Live Streaming Server Remote Playback Server G 3GPP Server	Enable Disk Load Balance (Recommend Same Volume Disk)	Free Disk Space I IP Camera Bitrate User Defined Text 1
Ger Server Remote Desktop Server Central Management Service Full Screen	Recycle Setup: Video Recycling Log Recycling	User Defined Text 2
Auto Lock System Auto Login Setup		Advanced Setting
Miscellaneous Automatically popup event report Minimize to system tray Synchronize video frames DDNS Ser	Audio Preview Default Channel [Not Used] F Enable Audio on Active Channel Volume vice	Auto Reboot

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.

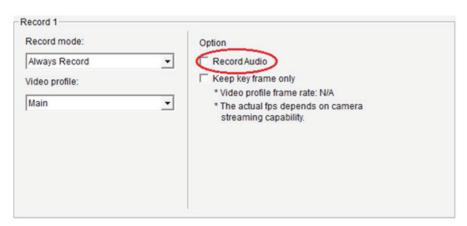
Note: If you don't choose any sub-screen, you will hear audio from the default channel.



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: Click on Start > 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 > System Setting > Camera.**

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

▶ ▶ ● ♥ ▶ CAM01 D-Link DCS-942L (172.17.5.3) ♥ ₽ CAM02 D-Link DCS-5222L (172.17.5.4)	TRIAL ^{® 24} - 16 - 16 - 16 - 16 - 16 - 16 - 16 - 1	3 1723.177.85.800)	
	HART TO ANTIN		
ſ	Camera Settings D-Link DCS-942L (172.17.5.31)	Show Video Infos	2014/10/22
[D-Link DCS-942L (172.17.5.31)	Show Video Infos	2014/10/22 PM03:15:00
		☐ Date	2014/10/22 PM03:15:00
	D-Link DCS-942L (172.17.5.31)	☐ Date ☐ Time	
	D-Link DCS-942L (172.17.5.31) Camera Settings Stream Profile	☐ Date ☐ Time ☞ Camera Number	

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

Set camera stream		
Enable Multi-stre		
	n't support Multi-stream.	
Camera : D-Link	DCS-942L (172.17.5.31	,
Image Quality		
Video Format	C MJPEG C M	PEG4 @ H264
Frame rate:	30	-
Resolution:	640x480	•
Bitrate Mode:	Constant bit rate	•
Bitrate:	2048	-
Quality:		Excellent
Image Adjustment -		
F Enable Flip		
F Enable Mirror		
Audio		
Enable Microp	hone	
F Enable Speak	er	
Fish eye setting —		
Mount Type		w.
Display mode		¥
		- 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20

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

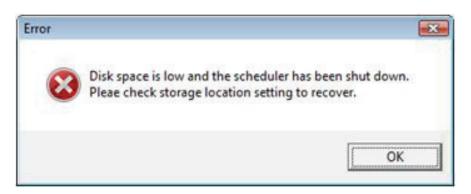
The Main Console allows you to set up several hard disk drives as storage. When the first hard disk is almost full (the capacity is less than 800 MB on system disks or 100 MB on non-system disks), the Main Console will try to find a second storage with enough capaity. If it is not available, then the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

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

Startup	Storage	Status Display	
🗖 Main Console	Location	Current Date	
Schedule Recording System	C:\Program Files (x86)\D-Link\D-ViewCam	Current Time	
Smart Guard System		🔽 Login User	
Counting Application		Free Disk Space	
Live Streaming Server	Enable Disk Load Balance (Recommend	IP Camera Bitrate	
Remote Playback Server	Same Volume Disk)	User Defined Text 1	
GRPP Server			
Remote Desktop Server	Recycle Setup:		
Central Management Service	Video Recycling	User Defined Text 2	
Full Screen	Log Recycling		
Auto Lock System	Log recording		
T Auto Login Setup		Advanced Setting	
Miscellaneous	Audio Preview	Auto Reboot	
Automatically popup event report	Default Channel (Not Used) -	Enable Auto Reboot	
Minimize to system tray			
Synchronize video frames	Enable Audio on Active Channel	Every Day 🚬	
	Volume	at 01:00 AM 👻	
DDNS Servic	e		

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.

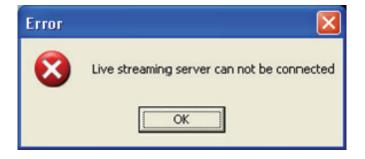
Step 2: Verify if the system stops recording which is caused by insufficient hard drive space.

- 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 "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.

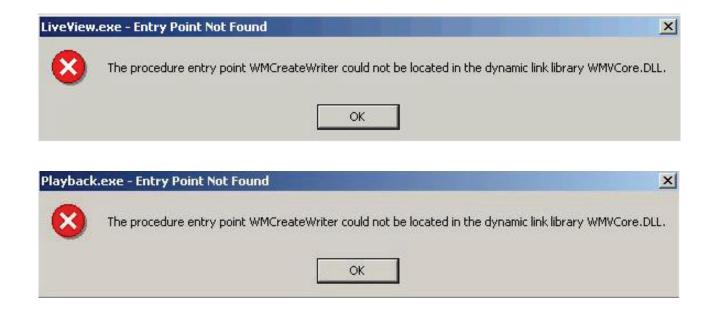


Step 1. Turn off UAC in control panel on Windows Vista.

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

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

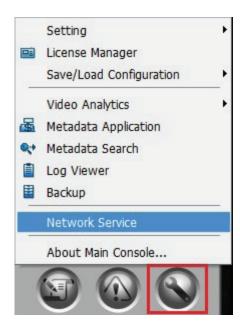
If you see this error message, then please upgrade your windows media player and this problem will be fixed.



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

12. 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.

Live	Client Count 0	Kill Kill All
Remote Playback	State IP Car	mera Bitrate (Kbps)
3GPP Service	Service Server Status: Stopped	Start Stop
Remote Desktop	Options Port: Maximum Connections: Use Default Web Server	5150 Default 128
Central magement	Port:	82 LiveServer.log
Push Notification		LiveServer.log

Section 4 - FAQs

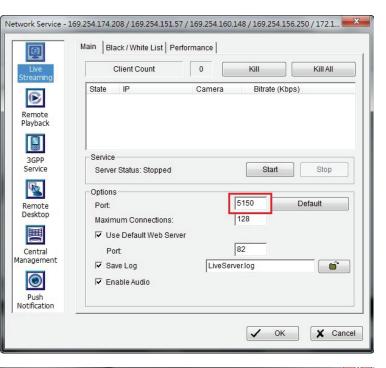
13. How to configure my PC/Server to allow remote access to Viewer and Playback?

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.



letwork Service - 1	.92.168.0.100	×
Live Streaming	Main Black / White List Performance User Count 0 Kill Kill All	
Remote Desktop	IP User Bitrate (Kbps) Service Service Start Stopped Start Stop	
Central Management	Options Port: 5160 Default Maximum Users: 64	
	Image: Web Server Port: Image: Web Server 80 Image: Save Log RemotePlayback.log	
	✓ OK X Cance	el

D-Link D-ViewCam Plus User Manual

Section 4 - FAQs

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.

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

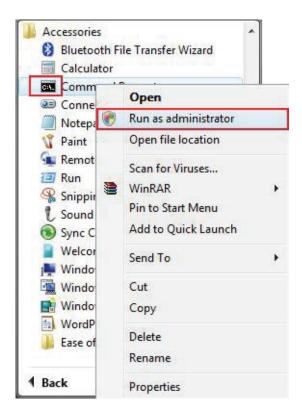
This is often caused by old temporary IE components in Windows. Please remove these IE components and reinstall ActiveX to solve the problem.

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.

Error

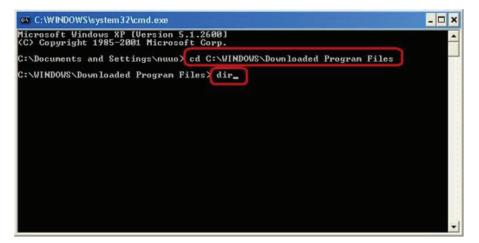


Can't start build-in web server. Please check if other application occupied port 80.



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

-	Type the name of a program, folde	r, document, or
	Internet resource, and Windows w	ill open it for you.
Open:	cmd	



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.

Step 3: Type cd C:\WINDOWS\Downloaded Program Files

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

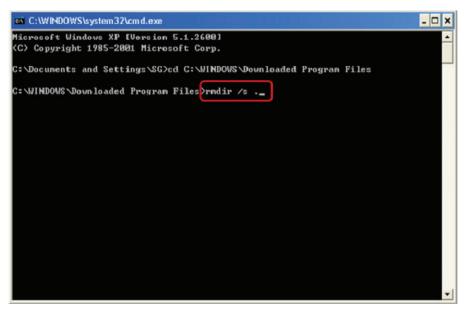
09/12/2008	04:05 PM	77,890	NUSrtp.dll	
08/28/2008	09:01 PM		NUSWebAll.inf	
12/09/2005	04:22 PM		P00RecImage.dll	
08/28/2008	08:05 PM		parsedatapacket.dll	
08/28/2007	02:24 PM		pmjpegaudio.ocx	
10/03/2007	08:41 AM		pmjpegcam.ocx	
11/30/2005	05:26 PM	76,024	ProfileAccess.dll	12
09/24/2008	12:02 PM	2.782.536	RACtr1.d11	
09/24/2008	11:58 AM	663	RACtrl.inf	
	12:07 PM	77,894	rtp.dll	
06/06/2007	09:54 AM	843,776	RtspVapgDecoder.d11	
12/14/2007	07:12 PM	947,712	RtspVapgDecoderNew.dl1	
01/17/2007	02:50 PM	897	setup.inf	
10/04/2008	08:08 PM	247	swflash.inf	
07/18/2007	02:54 PM	245,408	unicows.dll	
03/30/2005	10:18 AM	408,064	VAPGDecoder.dll	
09/13/2007	01:26 PM	827,392	VATDecoder.dll	
09/11/2008	09:57 PM	643,147	WebRPB.ocx	
08/21/2008	02:27 PM	1,072	WebUiewS.inf	
09/11/2008	09:54 PM	446,542	WebUiewS.ocx	
	39 File(s)	16,144,89	7 bytes	
	Ø Dir(s)	2,410,991,610	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.



15. 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

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

Please right click on the screen and select Enable Audio.

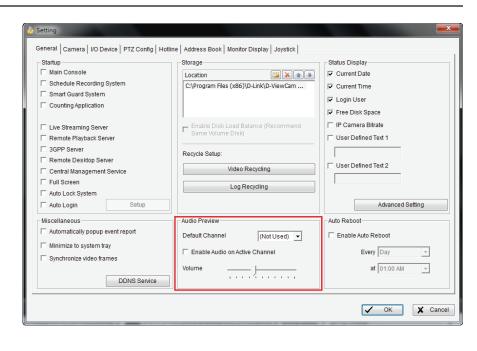
If you are using network cameras, go to Main Console > General Setting > Setting > Camera > Camera Settings.

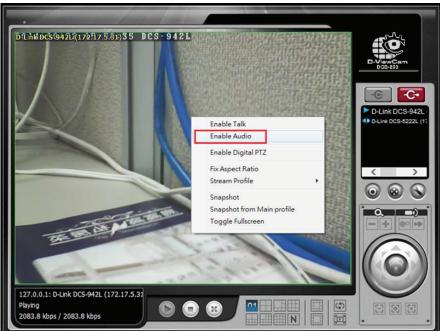
Enable Multi-strea	quality Im	
This camera doesn'	t support Multi-stream.)
Camera : D-Link D	CS-942L (172.17.5.31)	·
mage Quality		
Video Format	C MJPEG C MF	PEG4 @ H264
Frame rate:	30	•
Resolution:	640x480	•
Bitrate Mode:	Constant bit rate	•
Bitrate:	2048	•
Quality:		Excellent
mage Adjustment — 「 Enable Flip 「 Enable Mirror		
F Enable Flip		
Enable Flip	one	
Enable Flip		
Enable Flip Enable Mirror udio Enable Microph		
Enable Flip Enable Mirror Grable Microph Enable Speake		¥

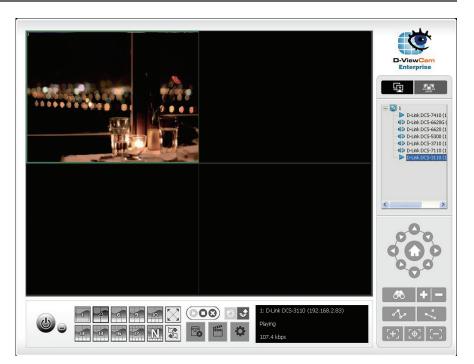
Right click on the screen and select Enable Audio.

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

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





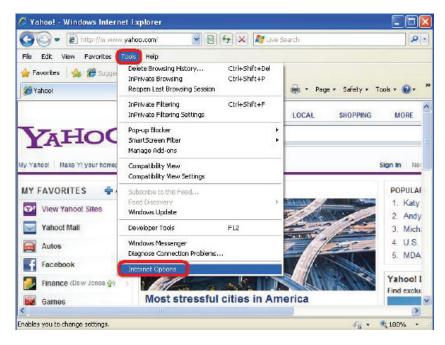


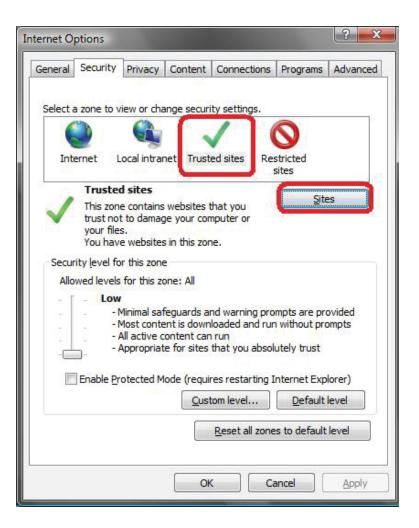
17. Why Internet Explorer 8 doesn't work well with software version 3.0?

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

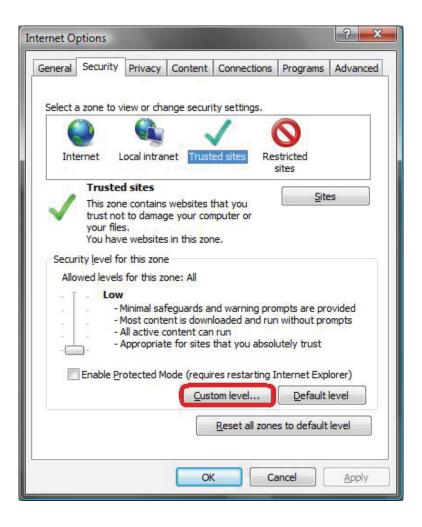
Ensure vcredist_x86.exe has already been installed.

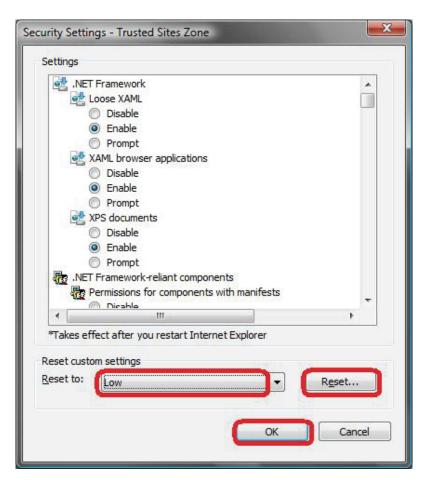
Step 1: Add the Server IP into Trusted Web Site.





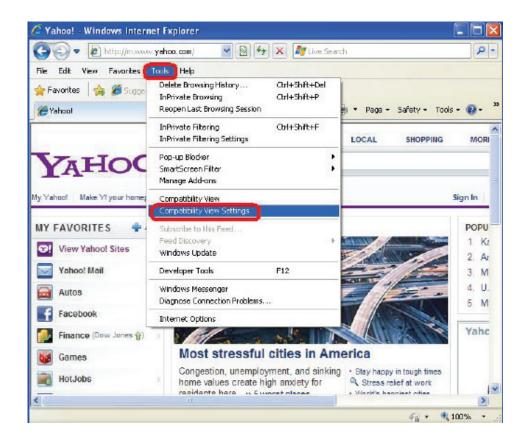
rusted sites					
You can add and remove websites this zone will use the zone's securi					
Add this website to the zone:	Add				
Websites:					
http://192.168.1.100	<u>R</u> emove				
Require server verification (https:) for a	all sites in this zone				
	Close				

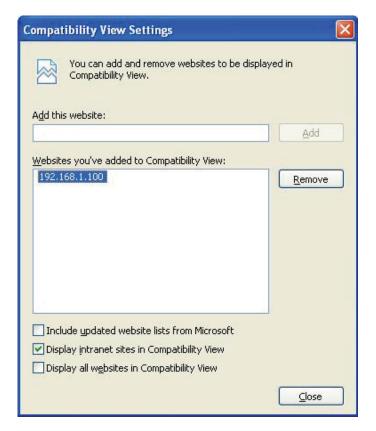


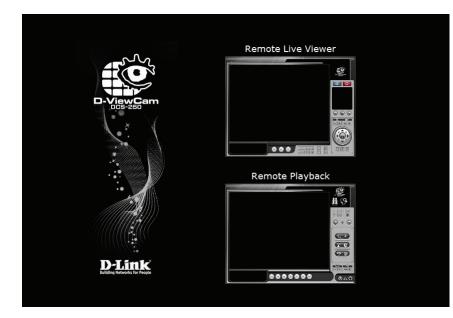


Step 2: Go to Tools > Compatibility View Settings and add the Server IP Compatibility View Setting.

Step 2: Add the Server IP Compatibility View Setting



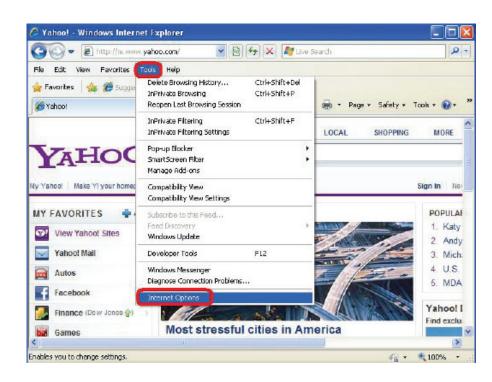


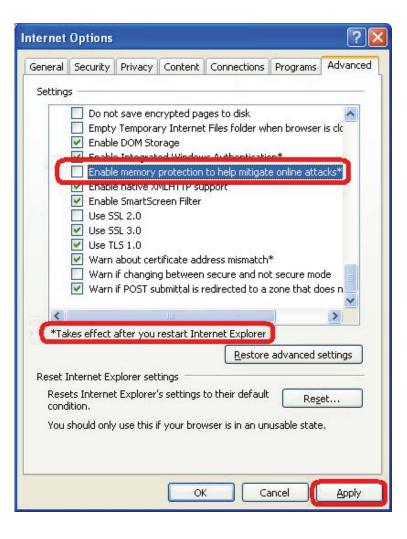


Enjoy 3.2 web live viewer with Internet Explorer 8.

	Courses and the second se
Login - 127.0.01	
OK Cancel	

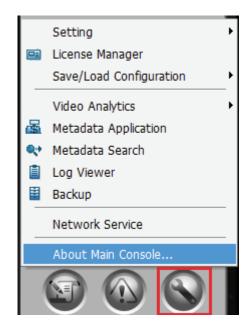
Step 3: If the instructions above doesn't work, please try the following method. (Optional)





18. What is the version of my software?

Go to Main Console > General Setting > About Mainconsole.



Abo	ut Main Console	×
(D-Link D-ViewCam Plus 1.0.0 Trial 2004-2015 D-Link All rights reserved. http://www.dlink.com/	🗸 ОК
	Product Information	
	Model Type: DCS-250 Device Pack Version: 2.0.4	
	Camera IP Camera License Number: 64	
	Metadata	
	POS License Number: 1 LPR License Number: 1	
	Access Control License Number: 1 Video Analytics License Number: 1	
	FirstAdapter MAC: f0-1f-af-3e-ec-10 Second Adapter MAC:	
		Build 5.0.41.2

19. 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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- Se Evera Vene		Otror	10/13/2008	4:42:40.891	Application Hang	(1010)	1002	NA	944444	
E ACEEver		Cotror	10/13/2008	10.32:36	Application Hanp	None	1001	NA	SHAWN	
Application 1		Cror	10/13/2008	10:32:35	Application Hang	None	1001	NIA	SHAWN	
E Offerve		Gever	10/13/2008	10:32:30	Application Hang	(1943)	1002	NA	SHAWN	
1 Internet	Explorer Office Diagnostics	Otror	10/13/2008	10:32:29	Application Hang	(104)	1002	NIA	SHAWN	
	Office Seasons	Dinformation	10/10/2008	5:36-40 PM	SecurityCenter	Nome	1800	NA	SHAWN	
TI Security	CLUCE Services	Cror	10/10/2008	5:36:40 PM	WINING4	None	1	N/A	SHAWNS	
TO DOUGHT		GError	10/10/2008	5-32-43 PH	Google Lipdate	None	20	54	SHAWN	
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The Shared For	Save Log File As	Civor	10/10/2008	5:26:14 PM	winning(4	None	1.	NGA	SHAMIN	
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# E Performan	Cear al Events	Otror	10/10/2008	2:51:50 PM	Google Update	None	20	59	SHAMN	
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R Storage	FREM WENDOW FEDER FREER	Conor	10/10/2008	12:51:49 PM	Google Lipdate	None	20	56	SHAMAN	
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	onliguration Manager	Cror	10/10/2008	11:52:00	WINNING4	None	1	NA	2HAMN	
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a be according	16.0	Disformation	10/9/2008	9:48:17 AM	SecurityCenter	None	1800	NGA	SHAMM	
		Cror	10/9/2008	9:40:34 AM	WINNING 8	None	1	N/A	SHAMME	
		CError	10/7/2008	10:06:24	Application Hang	None	1001	NGA	SHAWN	
		Dinformation.	10/7/2008	10:06:11	Outlook	None	30	NA	SHAWN	
		Cornor	10/7/2008	10:05:59	Application Hang	(101)	1002	N/A	SHANIN	
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		Dinformation	10/3/2008	11:30:56	Security/Center	None	1800	NA	SHAWNI	
		Cror	10/3/2008	11:30:53	WINNING4	None	1	N/A	SHAMN	
		Deformation	10/2/2008	11:30:17	SecurityCenter	None	1800	NA	SHAMN	
		CError	10/2/2008	11:10:15		None	1	NIA	SHAWN	
		Dinformation	10/2/2008	10:56:09		None	11707	55	35584455	
		Disformation	10/2/2008	10:53:43	Mullrotaler	None	11726	56	SHAWN	
		@information	10/2/2008	10:53:41		None	11707	94	SHAWN	
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Ay Documents							
My Computer	File name:	system			1	~	Save

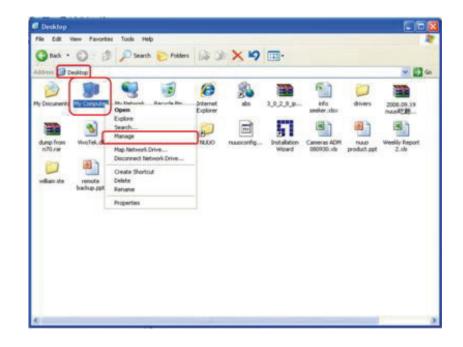
Step 4: Type **system** as file name and save file as .evt format Please name the file as **system** so we know that it is a system log file.

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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Column .		Quer	10/10/2008	5:30-40444	MiniMC4	Sizine	1	100	Shellowing	
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Carter Carter		Quere	10/10/2008	11/12/08	MINING	None	1	16/4	1940/099	
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· M terodote		Donators	10/16/2008	9-40 LT APR	Security Center	Rightman .	1408	1006	SHEEK	
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		-Potenanie	19/50300	110503	Outleak	Barren .	38	N/A	3H608	
		Donation	10/3/0308	12:04:55	Hubschaler	Taure .	DOTE:	-16	1246-045	
		Defendion	#4/5/1908	110046	Security/Letter	Nante	1808	14/4	246049	
		Otre	10/5/2008	13:00:00	Meditacia.	Taxes	1	160	1940 APR	
		Dotemator	INCOME	11.00:17		Figure	1808	804	SHARE	
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		Distantion	10220306	10/50/40		100mm	2178P	96	1940/491	
		Dotumation	19/2.0308	10:51:29	Publicialer	Three	11787	25	34600	
		Distantion	101.000	LE-MCR.		1acros	20	N/A	STRAINING .	

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.

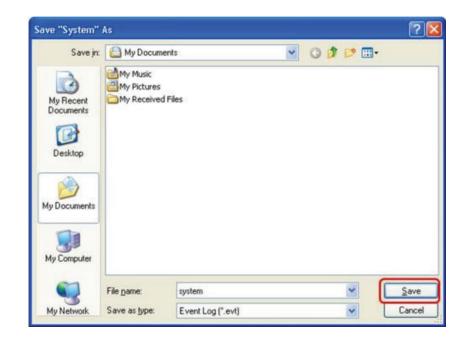
20. How many user accounts can I create?

You can create an unlimited number of user accounts.

21. How do I setup local area network?

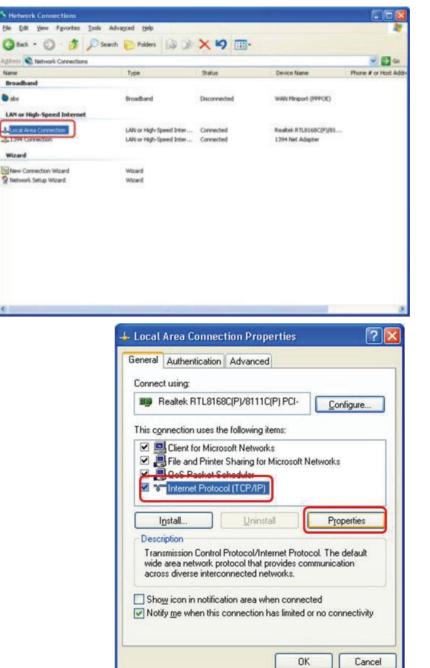
D-ViewCam Plus supports both LAN and WAN. If your surveillance system does not have Internet access, you can setup a private network or LAN to establish networking between Mainconsole and other network devices such as an IP camera.

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



Cotions	Add Hardware	Add or Restor	Advanctorative Tools	Automatic Updates	AV25 Media Control	Date and Tese	Cispiny	Folder Options	Fonts
Controllers	Ditarrat. Options	eyboard .	Dise	Redwork Network	Vetwork Setup Witrard	MVEDEA Control Panel	NHECA nivew Dealitop M	Phone and Moder	Tower Options
Prof Service	Printers and Failed	Realter HD Sound EV	Pegonal and Language	Scarners and Carners	Scheduled Tasks	Security Canter	Sounds and Audit Devices	2 Speech	System
Tasibor and Start Henu	See Accounts	Windows Pressal	Wheless National Sat	() 8019					

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



Alama

abs O

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

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 Plus server unless you manually rematch the camera's new IP address to D-ViewCam Plus server.

automatically if your network supports id to ask your network administrator for atically
aucany
192.168.1.10
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er addresses:

22. What type of network does the D-ViewCam Plus support?

D-ViewCam Plus 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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1.2 ffmpeg v51.46.0 (www.ffmpeg.org, GPL v2)

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