

IP CamSecure

User's Manual

Ver. 1.40-0708

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All features and functions are subject to change without notice. Please visit <u>www.level1.com</u> for the latest ones.

IP CamSecure

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Installation

Installation

Minimum System Requirement

System Total FPS (@ CIF)	64 channels	32 channels	16 channels	8 channels	4 channels
CPU	Intel Core 2 Quad	Intel Core 2 Duo	Intel Pentium D 930	Intel P4 2.8 GHz	Intel P4 2.4 GHz
RAM	1 GB	1 GB	1 GB	512 MB	512 MB
Mother-board	Intel 8	45 or 865 chip	or above, Intel Cl	nipset recomme	ended
Display	ATi Radeon 9200, nVIDIA GeForce FX-5200, Intel 845G/865G or above (ATi recommended)			5G or above	
Ethernet	100 baseT or above, Gigabit LAN recommended			I	
Hard Disk	80 GB or above				
OS	MS Windows 2000 / XP pro sp2 / 2003 / VISTA				

Install IP camera(s)

Step 1: Set up the IP camera referring to the quick installation guide provided.

Step 2: Check the network between the IP camera and the system.

Step 3: Add the IP camera to the system. See details on later pages.

Install capture card(s)

Step1: Insert the card onto an empty PCI slot. Connect the Audio/Video Cable to the connector in the same color.

Step 2: Turn on your PC and start Windows.

Step 3: Insert the included Software CD into CD-ROM.

Step 4: Run SetupDrv.exe from the CD-ROM driver/ directory to install the Capture Card driver.

Step 5: Run dxdiag.exe from start menu 'Start-> Run' to check your DirectX version. If the installed version is less than 9.0, install DirectX 9.0 from the CD-ROM directx9/ directory.

Step 6: After driver being installed, restart your PC.

Installation

IP CamSecure Installation

Run Setup.exe from the CD-ROM root directory and follow the onscreen instruction to complete installation.

Level One Surveillance System - InstallShield Wizard

Custom Setup Type:

them remotely.

You may install the system to the directory of your preference and choose which feature you want to install to the PC.

Hint: You may, for instance, install only Playback and/or LiveView on the PC at

home or other remote site from which you do not install the camera but are going to watch

Select the setup type to install.	
Please select a setup type.	
O Complete	
All program features will	be installed. (Requires the most disk space.)
⊙ Custom	
Select which program fe advanced users.	eatures you want installed. Recommended for
allShield	<pre>< Back Next > Cancel</pre>
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X

**IP CamSecure Lite32 is free bundled with LevelOne IP camera and Capture Card.

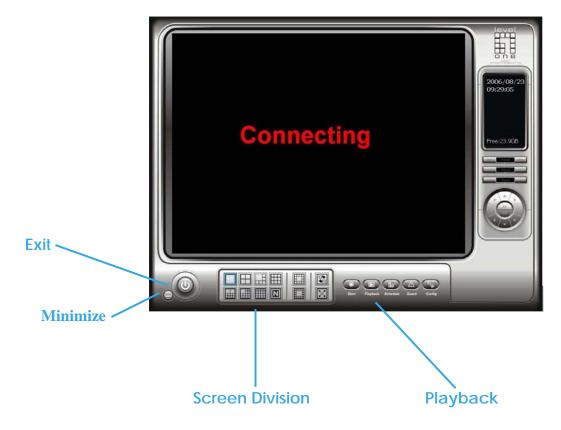
** IP CamSecure professional version is available upon purchase. While using IP CamSecure Pro/Pro Plus ,please plug the included USB dongle into USB port as a license key. Main Console

Main Console



The main operation system. To activate schedule recording, setup smart guard and configure system setting.

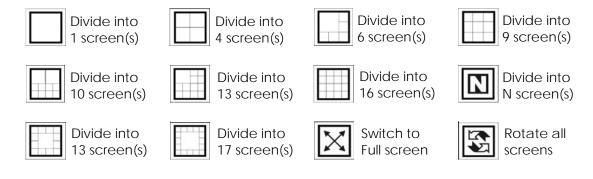
Main Console



Exit: Shut down the main console or log out current user.

Minimize: Minimize the Main Console.

Screen Division: Allocate the sub-screen displays of cameras by clicking on the icon of desired layout. Quick switch to single camera display by double click the particular sub-screen. Double click the single camera display again to regain previous screen division layout.



IP CamSecure

Main Console

On Screen Menu:

Enable Move Enable Talk	Right click on the camera screen and get the On Screen Menu from which you can Enable Move and Talk, and Connect / Disconnect the camera.
 Connect Disconnect	Enable Move : By selecting the enable move function, you may adjust the camera's view by clicking and dragging on the display screen. To cancel this function, right click on the screen and select Disable Move.
Show Camera	Note: You can only work on current camera after clicking enable
Snapshot	move.
Manual Record Toggle Fullscreen	Enable Talk : With cameras that support audio function, you may select enable talk to utilize the function.

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 to be displayed from the Show Camera Menu.

Snapshot: Select the snapshot function to capture a specific video image immediately. You have the options to copy the image to the clipboard or to save it.

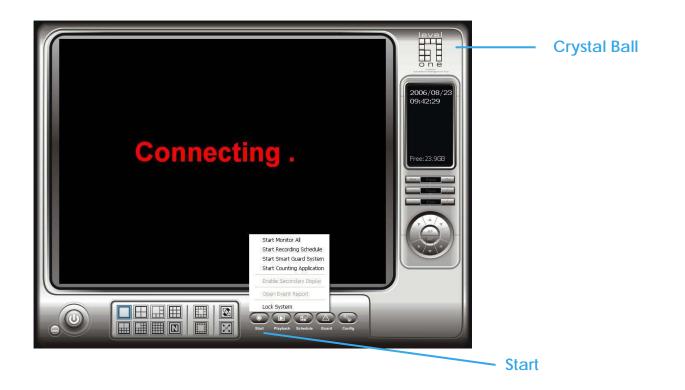
Manual Record: Start recording video by selecting manual record.

Toggle Full Screen: To view a specific channel with full screen.



Playback: Click the icon to get Playback Console. You can watch recorded video, search, adjust image from records data, save video pictures and print images, check log in information, event records and setup recording function configuration. See Playback in detail on later pages.

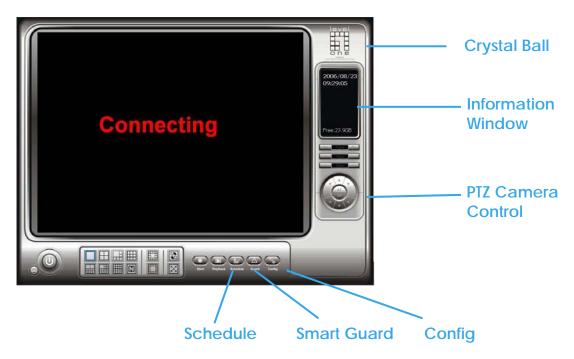
Main Console



Start: Click on the pull down menu to Start/Stop Schedule System, Start/Stop Smart Guard System, Start/Stop Counting Application or click on Start/Stop Monitor All to activate/ deactivate all the functions above. Stop alarm by clicking Open Event Report. You can also cancel all events by click the Crystal Ball, see it in detail on later pages.

Note: The system will consider everything in the screen is normal when you click Start to activate monitor function. Therefore, for example, if you want to detect Missing Object, be sure the object that you want to protect is in its position when you click Start bottom.

Main Console



Schedule: Schedule recording time table and setup recorder configuration. See Schedule in detail on later pages.

Smart Guard: Add/edit type(s) of events which you want to detect; setup reaction(s) responding to events. See Guard in detail on later pages.

Config: Setting, Save/Load Configuration, Counting Application, Log Viewer and Backup.

PTZ Camera Control: Control the movement of installed PTZ camera.

Information Window: Shows the system information including date, time, free HD space and customized text. You can customize the setting of Information Window in Config > Setting > General.

Crystal Ball: Indicates the working status of the system. In blue color rolling when system is recording; in red when event detected. When the Crystal Ball is red, click it can you can cancel event(s).

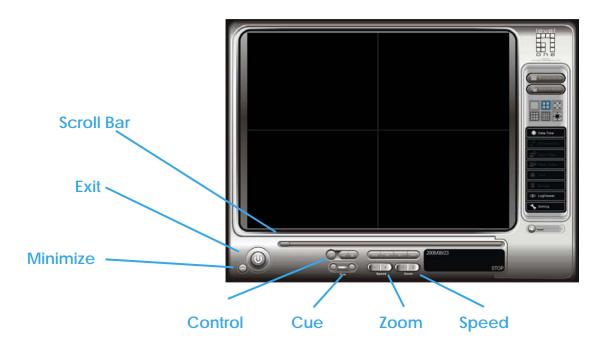
Playback

Playback



Watch the recorded video, view and/or search for unusual events and recorded system information.

*There is only 1 channel displayed in Playback in IP CamSecure Lite32 while there are up to 16 channels displayed in IP CamSecure Pro/Pro Plus simultaneously.



Scroll Bar: Quick search on the video, drag it to where you want to review.

Exit: Turn off the Playback Console.

Minimize: Minimizes the playback Console window.

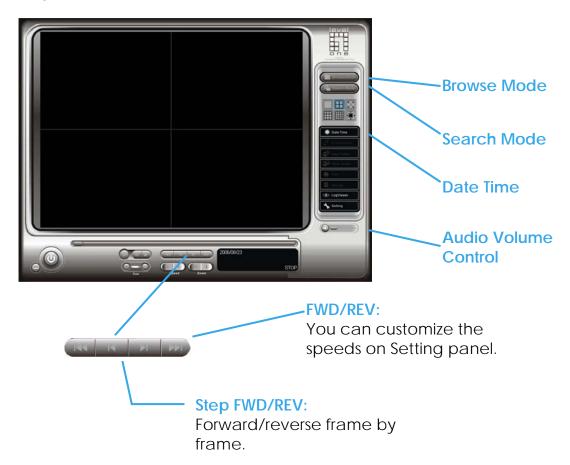
Control: Play, pause and stop the video.

Cue: Set up the Cue In and Cue out points of the clip you want to save as a video clip or a back up file with all the information recorded (including log info, events reported and so on).Cue In and Cue Out time will show on the Playback Information display once they are set.

Speed: Controls the play back speed, speed up and down.

Zoom: Zoom in and zoom out. You can get a close up view of the recorded video and move to the spot you want to view by dragging the screen.

Playback



Browse Mode: Play the recorded video.

Search Mode: Click on the Search Mode icon and get the Intelligent Search Tool panel. You can setup unusual events here to detect abnormality that occurred during the video was recorded. To setup unusual events, see this in detail on later pages.

SCREEN DIVISION: Allocate the sub-screen display by clicking on the desired layout icon. To switch to single camera display, double click on a particular sub-screen. Double click on the screen again to regain previous screen division layout.

INFORMATION DISPLAY WINDOW: Display video date and time, current video status, cue in/ out points' time, and speed.

Date Time: By clicking on Date Time bottom, you can withdraw the video record that you want to review. As you click on the Date Time bottom, a control panel will show up. Follow the instruction on the next page to withdraw the record.

Audio Volume Control: Adjust the sound level.

IP CamSecure	
Playback	
Dav-Time Panel	
Step 1	ep 4
🕼 Date Time Search Dialog - Browse Mode	
• Record Date Date Time Period Video Preview • Start Time: 2006/08/01 Video Preview • Select Camera(e) • I-16 17-32 • Interview	ep 2
Step	5

To withdraw the record

Step 1: From the window at the top left of the Day-Time Panel, select the date you want to check, and you will see red/green lines show on the time table implying available recorded video.

Step 2: You can select the video clip you want to review by left-clicking and dragging to highlight the time period. Besides using the time-table, you may indicate the time period of video that you want to see by using the Start Time and End Time in Date Time Period section.

Step 3: In Select Camera(s) section, select the camera(s)/channel(s) from which you want to see the video. You can select all the cameras by clicking Select All bottom.

Step 4: Check the box of Enable Preview to get the preview of the video you select.

Step 5: Click OK when you are satisfied with the setting.

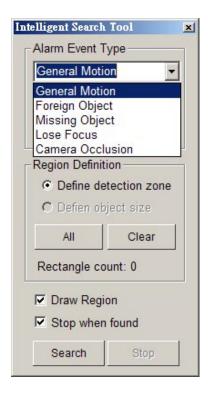
Playback Search Mode Unusual Event - General Motion

Intelligent Search Tool panel:

Click on the Search Mode icon and get the Intelligent Search Tool panel. You can setup unusual events here to detect abnormality that occurred during the video was recorded.

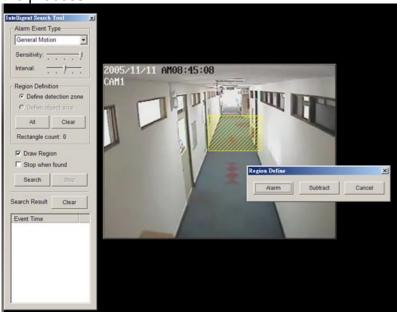
There are 5 types of unusual events: General Motion Foreign Object Missing Object Lose Focus Camera Occlusion

*IP CamSecure Lite32 only has General Motion option in Search Mode.



General Motion: Detect any movement in the defined detection zone.

Define detection zone: To detect General Motion, you have to define a detection zone. Left-click and drag, and draw a detection zone. You may define more than one zone on the screen by repeat the process.



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Playback Unusual Event - General Motion

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection. Set up an appropriate Sensitivity value will reduce the chance of false alarm. For example, you can lower the Sensitivity to avoid the alarm being triggered by a swinging tree in the breeze.

Interval: Click and move the control bar to the right to increase interval time, so that the alarm will only be triggered when the movement lasts longer. Move to the left to reduce the interval time.

	Tool	×
Alarm Event T	ype	
General Motio	on 💽	·
Sensitivity: -	į	
Interval: -		
۹,		
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Define de		
C Defien obj	ject size	
All	Clear	
Rectangle co	unt: 1	
✓ Draw Region		
Stop when		
Stop when	lound	r.
Search	Stop	
earch Result	Clear	-
caren ressur	Cieai	
Event Time		
2005/11/11 08		
and the second se	:49:25	

Stop when found: Check the box, and the video will stop at the point when a motion in the detection zone is detected. Otherwise, the video will keep rolling and all the events detected will show on the list in Search Result box. Click on the listed event date/time, you will jump to the point in the video where a motion is detected.

Click on the listed event date/ time, you will jump to the point in the video where a motion is detected.

Playback Unusual Event - Foreign Object

Intelligent Search Tool panel:

Click on the Search Mode icon and get the Intelligent Search Tool panel. You can setup unusual events here to detect abnormality that occurred during the video was recorded.

Foreign Object: Alarm is set off when an object appears in the defined area on the screen.



Foreign Objec	
General Motio	
Foreign Objec	
Missing Object	ct
Lose Focus	
Camera Occlu	
Region Definiti	on
Define det	tection zone
C Defien obj	ect size
All	Clear
Rectangle co	unt: 0
Draw Regional Draw Region	on
_	found
Stop when	found

Define detection zone: To detect Foreign Object you have to define a detection zone. Left-click and drag, draw a detection zone. Alarm will be triggered when an object appears in the detection zone.

Define object size: Drag and draw a square on the screen to define the size of a foreign object.

Playback Unusual Event - Foreign Object

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection.

Interval: Click and move the control bar to the right to increase interval time, so that the alarm will only be triggered when the object has been removed from the area for longer. Move to the left to reduce the interval time. Set up an appropriate Interval value will reduce the chance of false alarm. For example, you can lower the Interval to avoid the alarm being triggered by a pedestrian.

Playback Unusual Event - Missing Object

Intelligent Search Tool panel:

Click on the Search Mode icon and get the Intelligent Search Tool panel. You can setup unusual events here to detect abnormality that occurred during the video was recorded.

Missing Object: Alarm is set off when the defined object is removed from the defined area on the screen.

Define detection zone: To detect Missing Object you have to define a

detection zone. Left-click and drag, draw a detection zone. Alarm will be triggered when the defined object is removed from the detection zone.

Define object size: To tell the system how big the defined object is. Drag and draw a square on the screen, on the object that you want to protect.

lligent Searc) Alarm Event ⁻	and the second se
Missing Obje	ect 💌
General Moti	
Foreign Obje Missing Obje	
Lose Focus	-GL
Camera Occ	lusion
Region Defini	tion
Define de	etection zone
C Defien of	oject size
All	Clear
Rectangle co	ount: 0
Draw Reg	ion
Stop when	n found
Search	Stop

Playback Unusual Event - Missing Object / Lose Focus / Camera Occlusion

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection.

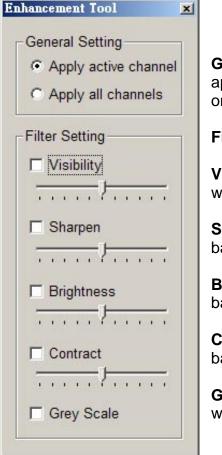
Interval: Click and move the control bar to the right to increase interval time, so that the alarm will only be triggered when the object has been removed from the area for longer. Move to the left to reduce the interval time.

Lose Focus: System will inform you when the camera(s) are losing focus.

Camera Occlusion: Alarms when any of the cameras is blocked.

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Playback Enhancement



General Setting: Check the circle and chose whether you want to apply the setting to all the channels or only to those currently show on the screen.

Filter Setting

Visibility: Check the box and adjust the gamma value of the image, which means, you may enhance the image and make it cleaner.

Sharpen: Check the box to activate the function. Move the control bar to the right to sharpen the image, to the left to soften it.

Brightness: Check the box to activate the function. Move the control bar to the right to make the image brighter.

Contrast: Check the box to activate the function. Move the control bar to the right to increase contrast.

Grey Scale: Check the box to show the record in grey scale mode, which is, in black and while.

Save Video

Step 1: Choose the camera display you want to save as a video clip.

Step 2: Set up the Cue In and Cue Out points, the cue in and cue out time will show up on the display.

Step 3: Click Save Video icon, choose the folder where you want to save the file, enter the file name and click SAVE. You may export (save) the record with both audio and video or you can explore the video only.

Step 4: Choose the compression format and then save the video.

Save Image

Step 1: Chose the camera display from which you want to save pictures.

Step 2: Click Save Image bottom and when the image you want is on the screen. You may click Pause to freeze the video, use Step Forward/ Step Backward function to find the picture you want to save.

Step 3: Choose the folder and the format of image (BMP or JPEG) you prefer and then click save.

Note: You may pre-set a folder and format that you want to save the images (see this in detail on later pages.), thus skip Step 3.

Print

Print Setup
Page Setting
 Original size
○ Fit to page
Align Image: Top
Print Content
Print active channel image
C Print all channels in the current view
Print X Cancel

Page Setting: Print in original size or fit the page.

Align Image: Top,Center or Bottom

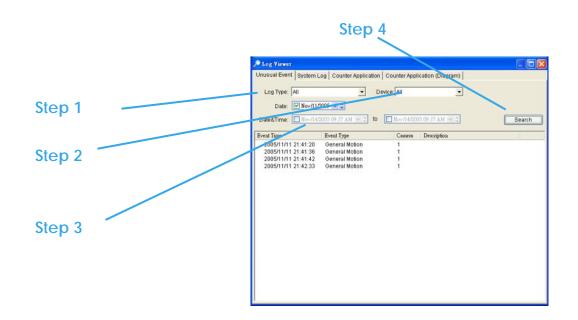
Print Content: Print the image from selected channel or all the channels shown on the screen

Backup: Different from Save Video, the Backup function saves everything from the Playback panel, including log information.

You can open the Backup file on any PC with Windows OS and have the full function Playback panel on it and take the backup file to elsewhere to work on the recorded video.

Playback Log Viewer

*IP CamSecure Lite32 only has System Log option in Log Viewer.



Unusual Event: You can check out the history of Unusual Event that had been detected by Smart Guard System.

Step1: Choose the type of event you want to check or select "All" on the pull-down menu for all types of events.

Step 2: Choose from which camera you want to check the event(s) or select "All" for all the channels available.

Step 3: You can either view the events on a particular date or during a given time period. To search and view Unusual Event on a particular date, mark the box right after "Date" and indicate the date you want to check.

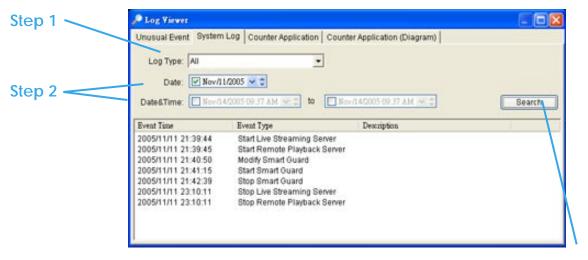
You may also point out two different time points and search for Unusual Event between them. Mark the box in the Date &Time column and then enter the date and time.

Step 4: Click Search

Note: When you are working with a video record,

1. Log Viewer will search Unusual Event in the video record by default, that is, to search in Date &Time mode, start from the beginning of the record and to the end of the record.

2. There will be a link icon right beside the event time; by clicking on the link icon you will jump to the point where the Unusual Event took place.





System Log: You can choose the Log Type form the pull-down menu, including: Console Startup, Console Shutdown, User Login, User Logout, Start Schedule, Stop Schedule, Execute Recycle, Execute Backup, Enable Channel, Disable Channel, Start Smart Guard.

Step1: Choose the type of event you want to check or select "All" on the pull-down menu for all types of events.

Step 2: You can either view the events on a particular date or during a given time period. To search and view Unusual Event on a particular date, check the box right after Date and indicate the date you want to check. You may also point out two different time points and search for Unusual Event between them. Mark the box in the Date &Time column and then enter the date and time.

Step 3: Click Search.

Playback Log Viewer - Counting Application

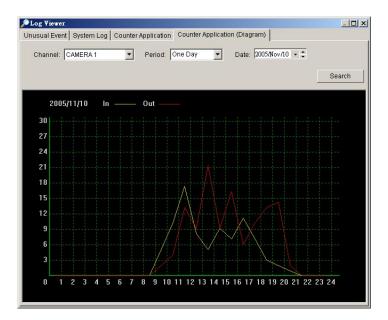
Counting Application:

You can see the results of Counting Application during the time period you set.

⊃Log ¥iewer				
Jnusual Event System	Log Counter Application	Counter Application	(Diagram)	
Channel: All	-			
Date: 🔽 2005/N	lov/10 - ≑			
Date&Time: 2005/N	lov/21 01:35 PM 👻 🐥 to	2005/Nov/21 01:3	5 PM 👻 🗘	Search
	-		-	
Event Time	Device	In	Out	<u>.</u>
2005/11/10 02:00:00	CAMERA 1	0	0	
2005/11/10 03:00:00	CAMERA 1	0	0	
2005/11/10 04:00:00	CAMERA 1	0	0	
2005/11/10 05:00:00	CAMERA 1	0	0	
2005/11/10 06:00:00	CAMERA 1	0	0	
2005/11/10 07:00:00	CAMERA 1	0	0	
2005/11/10 08:00:00	CAMERA 1	0	0	
2005/11/10 09:00:00	CAMERA 1	5	2	
2005/11/10 10:00:00	CAMERA 1	10	4	
2005/11/10 11:00:00	CAMERA 1	17	13	
2005/11/10 12:00:00	CAMERA 1	8	9	
2005/11/10 13:00:00	CAMERA 1	5	21	
2005/11/10 14:00:00	CAMERA 1	9	9	
2005/11/10 15:00:00	CAMERA 1	7	16	
2005/11/10 16:00:00	CAMERA 1	11	6	
2005/11/10 17:00:00	CAMERA 1	7	10	
2005/11/10 18:00:00	CAMERA 1	3	13	
2005/11/10 19:00:00	CAMERA 1	2	14	
2005/11/10 20:00:00	CAMERA 1	1	2	
2005/11/10 09:00:00	CAMERA 1	0	0	
2005/11/10 10:00:00	CAMERA 1	0	0	
2005/11/10 11:00:00	CAMERA 1	Û	0	-

Counting Application (Diagram):

The Counting Application result data will show in a diagram.



Playback **Setting**

Database Source:

Choose from which location you are going to withdraw the record, from the PC you are working with or to get the access a database via the Internet. See Config > Remote Playback Server in detail on later pages.

Play:

Play when open: Check the box and set the system to play the video clip every time when you withdraw it from the database.

Next interval: Set the interval with which the video goes forward when you click Next icon on the control panel.

Previous interval: Set the interval with which the video goes backward when you click Previous icon on the control panel.

Capture Image: Setup how you want to save image.

Save in clipboard: The image will be saved in the clipboard and be able to paste on other application software.

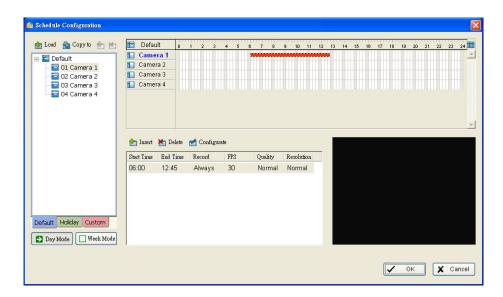
Manually save the image file: You can manually choose where you want to save the image, name the saved file and which format you want to save the image.

Automatically save the image file: By giving the system a path/URL and the image format, it will automatically save the image accordingly every time you click Save Image bottom.

Option	٤
Database Source	
Cocal Machine	
C Remote Playback Server	
Host	Port 5160
Play	
F Play when open	
T Auto skip when record motion only	r mode
Next interval: 1 - min	
Previous interval: 1 🕂 min	
Capture Image	
C Save in clipboard	
Manually save the image file	
C Automatically save the image file	
	10 ¹ 123
Preferred Image format	1
🗸 ок 🗶 с	Cancel

Guard

Schedule



Click on Schedule icon on Main Console and get the Schedule configuration panel to setup the time schedule for video recording.

Guard	fig Schefahr Configuration 🕅
Load	Isol & Graph & M Image: Compression of the compre
Camera / Channel	Baset Mail Configurate Baset Time Recold F72 Quality Recolding 06.00 12.45 Always 30 Normal Normal
Day Mode	Defauit Hokkay Castom
	Cancel

Day Mode

Schedule the cameras on a daily basis, which means that the recorder will be on and off, at the same time every day, according to the same schedule you setup.

To setup the time schedule for each camera, you may

- 1. Load the preset Modes or
- 2. Insert a new schedule manually.

To load preset Modes

Click on the Load icon and get a pull-down menu.

Regular Mode: Record video 24 hours a day with the setting of 30 FPS (frames per second), Normal video quality and Normal resolution.

Office Mode: Record video from 8 am to 8 pm (08:00 – 20:00, shown as a red bar on Schedule Configuration panel) with 30 FPS, Normal video quality and Normal resolution.

Shop Mode: Record video from 10 am to 10 pm (10:00 – 22:00) with 30 FPS, Normal video quality and Normal resolution.

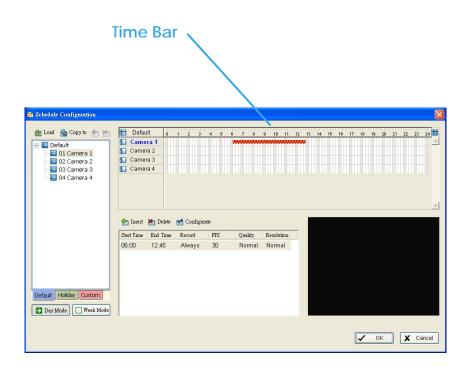
High Security Mode: Record video 24 hours a day with the setting of 30 FPS, Highest video quality and High resolution.

Disk Saving Mode: The system will start recording only when a motion on the screen is detected, 24 hours a day (shown as a green bar on Schedule Configuration panel), with the setting of 30 FPS, Normal quality and Normal resolution. You can adjust the sensitivity, interval and detection area of motion detection in schedule Configure

Minor Mode: The system will start recording only when a motion on the screen is detected, 24 hours a day (shown as a green bar on Schedule Configuration panel), with the setting of 15 FPS, Low quality and Low resolution. You can adjust the sensitivity, interval and detection area of motion detection in schedule Configure.

Adjust the scheduled setting: Although you have loaded the Modes by Load function, you can still manually make some changes of it.

Option 1: Move the cruiser to the Time Bar to change the length of it or move the bar sideway to change the start and stop points.



Option 2: Click the Configure icon or double click schedule information on the screen (highlighted in blue), to obtain the Encoding Options panel and change the setting as wished.

Note: The time schedule setting is based on 15 minutes.

	🛃 Schedule Configuration																		×
Сору То	Losd & Copyto & K Copyto & Copyto Comera 1 Comera 2 Comera 3 Comera 4		Defaul Camer Camer Camer Camer	a1 12 13	1	2 2	4 5	6 7 9	9 10	11 12	12	14 15	18 17	10	19 25	2 21	22 22	2 24	
Configure			land	Mg Delet		Configme													z
		-	t Time	End Tim 12:45	e Re	cond ways	FP3 30	Quality	Resolution										
Schedule information —	Defauit Holday Coston																		
														~	0K		×	Cancel	

Copy To: You may set up the schedule for each channel/camera by repeating the process above, or simply apply the setting of a single camera to all the others.

		ĺ	Select Event
		,	Smart Guard: CAM01 Main Gate General Motion CGeneral Motion CAM02 Driveway CAM02 Driveway
Encoding Options Original Video			General Motion
			G - CAM05 Room B General Motion G - CAM06 Back Door
			General Motion
			Digital Input:
			Pool Input:0
			Pool Input:2
			V OK X Cancel
Time	Mode Always Record		Select Event Panel
Start Time: 00:00	C Record on Event Select Event		Select Event Panel
End Time: 23:59 🔹	C Record on Motion:		
Pre-record: 5 sec. (Max: 60)	Sensitivity Normal		
Post-record: 3 sec. (Max: 60)	Frame Interval - 2		Always Record
	Rectangle Count: 0 (Max: 10)		Record on Event
Audio			Record on Motion
Record Audio	All Clear Default		
	V OK X Cancel		Pre-record/ Post-record

Encoding Options Panel

IP CamSecure

Guard Always Record: Select this option to record the video at all time.

Record on Event: Select this option to obtain the Select Event panel. From the Smart Guard/Digital Input list, check the box of the camera(s) that you want to trigger the recording action. Click OK to complete the setting.

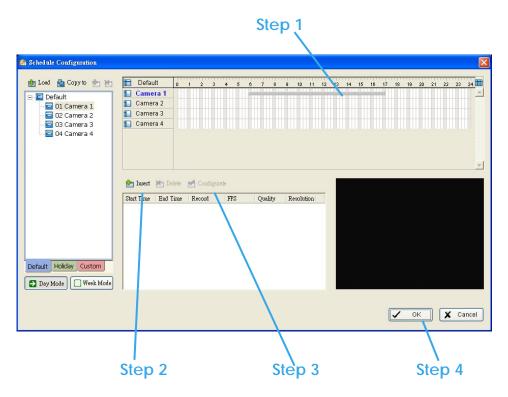
*Smart Guard is only in IP CamSecure Pro/Pro Plus.

Record on Motion: Select this option to start recording when there are motions detected. You may adjust the sensitivity and the frame interval.

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.

To insert a new schedule manually

Step 1: Left-click and draw the length you want on time table. The scheduled time will show as a grey bar.



Step 2: Click on the Insert icon and add a new schedule with the setting of Regular Mode, that is, to record video during the time period you set with 30 FPS, Normal video quality and Normal resolution.

Step 3: Change the setting if you want, by click on the Configure icon or double click the schedule information.

Step 4: Click OK.

No.																6
🏚 Load 🔮 Copy to 👘 街	E Cam	era 1 o	1 2	3 4 5	6 7 8	9 10	11 12	13	14 1	5 10	17 1	10	20 2	21 22	20 2	-
🖃 🔛 Default	Sund		110111011	10 1 10 11 10 1	1 10 1 10 1 10 1	111111							-			4
B Camera 1	Monda Tuesd					11111				1111	11111					
Monday	Wedn			6	+ # + + 20 + 1 40 - 1								-			
Tuesday	1 Thurs						-					-	-		-	
- Wednesday - Wednesday	Friday		10111011	8	1 10 1 10 1 10	10.101				1111						
Friday	Sature	lay	18.1.8.1.	R.L.R.LINI	TRUCK OF	, et al esta						1988 A	20.00			
Saturday																-
8 2 02 Camera 2 9 2 03 Camera 3	😭 Insert	1 Delete	Confi	iguzete												
🗉 🔛 04 Camera 4	Start Time	End Time	Record	FPS	Quality	Resolut	tion	2								
	00:00	23:59	Alway	s 30	Normal	Norm	al									
Default Holday Custom																
Default Holiday Custom																
												· 0	ĸ	×	Can	cel
												′ 0	K.	×	Can	cel
											~	* 0	ĸ	×	Can	cel
												* 0	K.	×	Can	cel
					/ /											cel

Week Mode: Schedule the cameras for each day of the week differently. Besides that, you may appoint extra holidays in Week Mode.

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

Holiday: You may appoint Holiday(s) on which the system will work as the setting of Sunday.

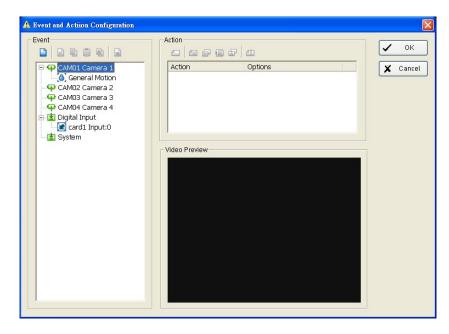
Custom: Or you can appoint a particular date(s) on which the system will work on a special schedule different from the others.

To insert a new schedule manually

You can also setup schedules manually in Week Mode by following the same process as in Day Mode.

Guard Guard

*Guard is only in IP CamSecure Pro/Pro Plus.



Click on the Guard bottom on the Main Console and start Event and Action Configuration panel. You need to assign an event you want to detect and then set up an action with which the system will react when the assigned event is detected.

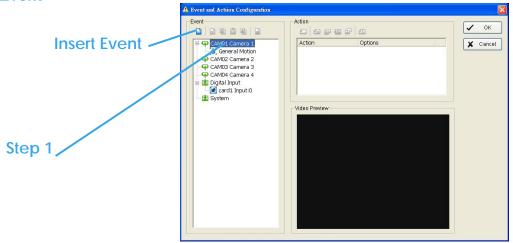
Crystal Ball: Indicates the working status of the system. In blue color rolling when system is recording ; in red when event detected. When the Crystal Ball is red, click it can you can cancel event(s).

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

IP CamSecure

Guard

Event



There are three sources of events: Camera (video image), Digital input (device that connected to you PC) and System (condition of your hardware). You can assign multiple events by following the instruction below.

Assign a Camera event

Step 1: Choose a channel from cameras and click the Insert Event icon.



Step 2: There are 6 types of events, Signal Lost, General Motion, Foreign Object, Missing Object, Lose Focus and Camera Occlusion. Select the event you want on Event Type list and then click OK.

Step 3: Configure the setting of the Event Type. See the following instruction.

Guard Event - Signal Lost

isic	
Camer	a 1 - Signal Lost
En:	able Event
Life (Cycle
œ.	Automatic cancel event when event disappear
0	Manual cancel event or event last triggered
Activa	ated Period
œ.	Always Activated
C.	Activated only in the following period
	08:00 × to 22:00 ×

Basic

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

Guard Event - General Motion

Detect any movement in the defined detection zone.

	Alarm Event Configuration	×
Enable Event	Basic Advanced	
	Camera 1 - General Motion	
Life Cycle	Life Cycle • Automatic cancel event when event disappear • Manual cancel event or event last triggered	
Activated Period	Activated Period Always Activated Activated only in the following period	
	08:00 × to 22:00 ×	
	V OK X Can	cel

Basic Setting

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

Guard Event - General Motion

Sensitivity	Alarm Event Configuration	×
ochistivity	Basic Advanced	
Interval	Alarm Event Option Camera 1 General Motion Sensitivity:	
Region Definition ———	Region Definition © Define detection zone © Define object size	
Start Simulation	All Clear	
	Start Simulation	;el

Advanced setting

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection. Set up an appropriate Sensitivity value will reduce the chance of false alarm. For example, you can lower the Sensitivity to avoid the alarm being triggered by a swinging tree in the breeze.

Interval: Click and move the control bar to the right to increase 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: To detect General Motion, you have to define a detection zone. Left-click and drag, and draw a detection zone. You may define more than one zone on the screen by repeat the process.

Start Simulation: Click Start Simulation bottom and test the function on the preview screen.

Guard Event - Foreign Object

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

	Alarm Event Configuration	×
Enable Event	Basic Advanced	
	Camera 1 - General Motion	
Life Cycle	Life Cycle	
	Activated Period	
Activated Period	C Activated only in the following period	
	Cance	

Basic Setting

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

Guard Event - Foreign Object

Sensitivity	Alarm Event Configuration	
	Basic Advanced	
Interval	Alarm Event Option Camera 1 General Motion Sensitivity:	
Region Definition	Interval:	
Define object size ——	C Define detection zone C Define object size All Clear	
Start Simulation	Start Simulation	
	OK Can	cel

Advanced setting

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection. Set up an appropriate Sensitivity value will reduce the chance of false alarm. For example, you can lower the Sensitivity to avoid the alarm being triggered by a swinging tree in the breeze.

Interval: Click and move the control bar to the right to increase 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: Region Definition: To detect Foreign Object, you have to define a detection zone and define the size of the object you want to detect. Left-click and drag, and draw the detection zone (Region 1).

After defining detection zone, check the dot right beside Define object size, and then left-click and drag and draw an area of the size of object you want to detect.

Guard Event - Foreign Object

Hint: For example, if you want to prevent somebody leaving a briefcase in a hallway, you may put a briefcase in the hallway where the camera is aiming on. On the screen of the camera, draw an area fit the size of the briefcase and define it as the object size; and then remove the briefcase before activate Smart Guard function on Main Console. The system will consider everything in the screen is normal when you click Start to activate monitor function.

Start Simulation: Click Start Simulation bottom and test the function on the preview screen.

Guard Event - Missing Object

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

	Alarm Event Configuration	×
Enable Event	Basic Advanced	
	Camera 1 - General Motion	
Life Cycle	Automatic cancel event when event disappear	
	C Manual cancel event or event last triggered Activated Period C Always Activated	
Activated Period	C Activated only in the following period	
	V OK X Cancel	

Basic Setting

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

IP CamSecure	
Guard Event - Missing Object	
Operativity	Alarm Event Configuration
Sensitivity	Basic Advanced
	Alarm Event Option Video Preview
Interval	Camera 1 General Motion
	Sensitivity:
	Interval:
Region Definition	Ignore Lighting Change
	Region Definition
	Define detection zone
Define object size —	C Define object size
	All Clear

Start Simulation

Advanced setting

Start Simulation.

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection. Set up an appropriate Sensitivity value will reduce the chance of false alarm. For example, you can lower the Sensitivity to avoid the alarm being triggered by a swinging tree in the breeze.

V OK X Cancel

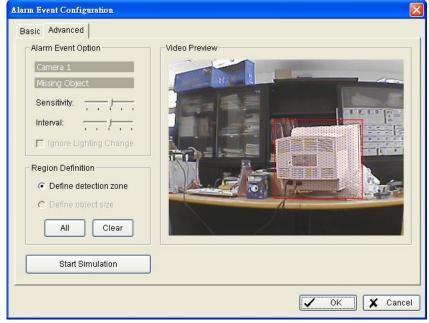
Interval: Click and move the control bar to the right to increase interval time, so that the alarm will only be triggered when the movement lasts longer. Move to the left to reduce the interval time.

Region Definition: Region Definition: To detect Foreign Object, you have to define a detection zone and define the size of the object you want to detect. Left-click and drag, and draw the detection zone (Region 1).

After defining detection zone, check the dot right beside Define object size, and then left-click and drag and draw an area of the size of object you want to detect.

Guard Event - Missing Object

Hint: For example, if you want to prevent somebody remove the computer monitor on the desk; draw an area fit the size of the monitor on the screen.



Start Simulation: Click Start Simulation bottom and test the function on the preview screen.

Guard Event - Lose Focus

Alarms you when any of the camera is losing focus and has blur image.

	Alarm Event Configuration	
Enable Event	Basic Advanced	
	Camera 1 - General Motion	
Life Cycle ———	 Automatic cancel event when event disappear 	
	Manual cancel event or event last triggered Activated Period Atways Activated	
Activated Period	C Activated only in the following period 08:00 at to 22:00 at 22:00 at 20:00 at	
	OK Cancel	100 M

Basic Setting

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

IP CamSecure Guard **Event - Lose Focus** larm Event Configuration Sensitivity Basic Advanced Alarm Event Option Video Preview Camera 1 Lose Focus Interval ~ Sensitivity: 1.1 Interval 🔽 Ignore Lighting Change Ignore Lighting. C Define detection zone C Define object size Start Simulation ~ All Clear Start Simulation 🗸 ок 🖌 Cancel

Advanced setting

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection. Set up an appropriate Sensitivity value will reduce the chance of false alarm. For example, you can lower the Sensitivity to avoid the alarm being triggered by a swinging tree in the breeze.

Interval: Click and move the control bar to the right to increase 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.

Start Simulation: Click Start Simulation bottom and test the function on the preview screen.

Guard Event - Camera Occlusion

Alarms you when any of the camera is blocked.

	Alarm Event Configuration	×
Enable Event	Basic Advanced	
	Camera 1 - General Motion	
Life Cycle	Automatic cancel event when event disappear	
	C Manual cancel event or event last triggered Activated Period Avays Activated	
Activated Period	C Activated only in the following period	
	V OK X Cance	

Basic Setting

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

Guard Event - Camera Occlusion

	Alarm Event Configuration	×
Sensitivity	Basic Advanced	
	Alarm Event Option	
	Camera 1	
Interval	Lose Focus	
Interval —	Sensitivity:	
	Interval:	
	Ignore Lighting Change	
Ignore Lighting	Region Definition	
	C Define detection zone	
	C Define object size	
Start Simulation	All Clear	
	Start Simulation	
	OK Can	cel

Advanced setting

Sensitivity: Click and move the control bar to the right to increase sensitivity, that is, a relatively small movement will trigger the alarm. Move to the left to reduce the sensitivity of movement detection. Set up an appropriate Sensitivity value will reduce the chance of false alarm. For example, you can lower the Sensitivity to avoid the alarm being triggered by a swinging tree in the breeze.

Interval: Click and move the control bar to the right to increase 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.

Start Simulation: Click Start Simulation bottom and test the function on the preview screen.

Guard Event - Digital Input Event

	A Event and Actiion Configuration	
Step 1	Card1 1 (switch) Card1 2 (Input 2) Card1 3 (Input 3)	V OK X Cancel
Step 2	card1 4 (Input 4) card1 5 (Input 5) card1 6 (Input 6) card1 7 (Input 7)	

Step 1: Click and highlight Digital Input on the event type list and click Inset Event icon.

Step 2: Select the device that connected to your system, that is, the PC you are working.

Basic Setting

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/action will be off once the abnormality is fixed or ends.

Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.



Guard	A Event and Action Configuration	
Step 1	Event Event CAMO1 2010 CAMO2 20:5 Event Select Event Event	Cancel
tep 2	V OK X Cancel	

Step 1: Click and highlight System Event on the event type list and click Inset Event icon.

Step 2: Select the Event Type (Disk Space Exhausted) and then click OK.

Basic Setting: for Disk Space Exhausted

Enable Event: Check the box to activate.

Life Cycle

Automatic cancel event when event disappears: the alarm/ action will be off once the abnormality is fixed or ends.

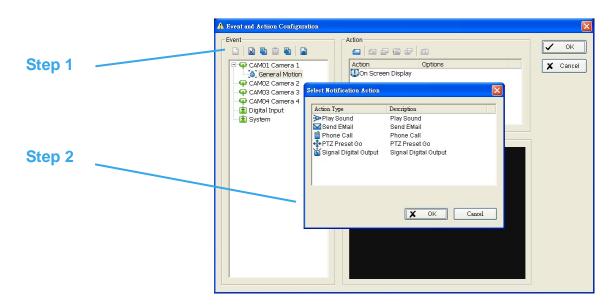
Manual cancel event or event last triggered: The alarm/action will continue until being cancel from the Main Console (Start>Open Event Report>Cancel All). Therefore, when the user is currently not at seat watching the screen he or she will be notified by the alarm.

Activated Period: You can set the system to react during certain time period; for example, office hours.

Alarm Event Configuration	×
Basic	
Disk Space Exhausted	1
Enable Event	
Life Cycle	
C Automatic cancel event when event disappear	
Manual cancel event or event last triggered	
Activated Period	
Always Activated	
C Activated only in the following period	
08:00 * to 22:00 *	
Cancel	

Guard Action

Insert Action: To setup actions responding to an unusual event.



Step 1: Choose an event and click the "Insert Action" icon.

Step 2: There are 6 types of actions: On Screen Display, Play Sound, Send E-mail, Send SMS Message, PTZ Preset Go and Signal Digital Output. Select the action you want on Action Type list and then click OK.

Step 3: Configure the setting of the Action Type if needed.

Guard Action - 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.

Play Sound: Sound alarm warning. Choose a Wave file (.wav) and the system will play the sound as alarm when an unusual event is detected.

Send E-mail: The system will send an E-mail immediately to given accounts indicating the type of event, the time, and attaching a picture taken while the event is detected. To give the system the E-mail accounts, go Config > Setup > Hotline. See Config at page 62 for detail.

Phone Call: The system will call a given phone number when an unusual event is detected. To setup the phone number and make an audio record for the phone call, go Config > Setup > Hotline. See Config at page 57 for detail.

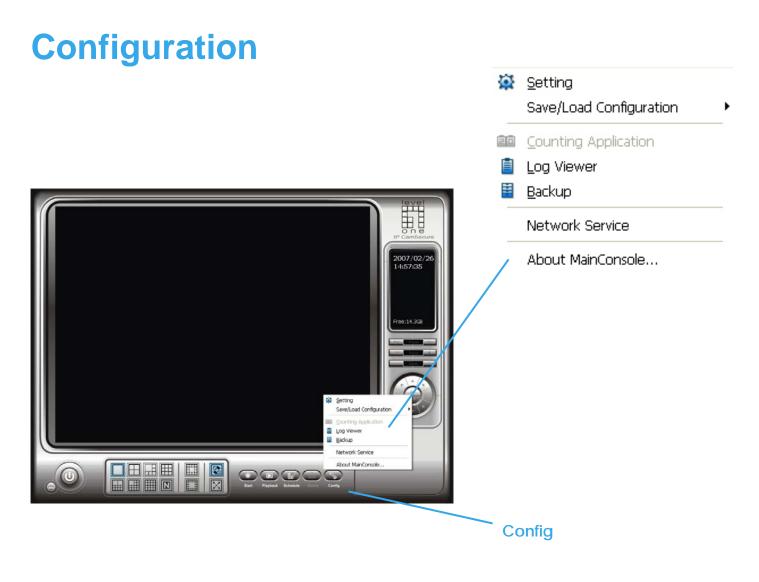
PTZ Preset Go: The PTZ (pan/tilt/zoom) camera will go to a preset spot when an unusual event is detected. Select the PTZ camera on the pop-up panel, and then, at Alarm On section, select the Preset number with which you want the PTZ camera to go when an event is detected; and assign a Preset configuration for Alarm Off.

Note: You need to configure your PTZ camera before using this function. See Config at page 61 for PTZ camera configuration.

PTZ Camera Pres	et Go	×
Camera:	CAM01 (Camera 1) 👤	
	Pelco D	
Alarm On:	Preset 01	
Alarm Off:	Preset 02	
		10
	OK X Cancel	
·		

Signal Digital Output: Triggers traditional alarming devices that connect to the system, such as alarm lights and sirens.

Config



Modify the setting and access counting application, log viewer, backup, and network services. Click on the Config icon, select from the drop-down menu and open the Configuration panel.

	Setting General Camera I/O Device PTZ Con	nig User Account Monitor Display	
Startup	_ Startup	Storage	Status Display
Panel Resolution	Main Console Schedule Recording System Smart Guard System Counting Application Live Streaming Server Remote Playback Server Auto Login User Account Password:	Location ■ ▼ ● ▼ C:\Program Files\LevelOne\IPCa ✓ Automatic Recycle Recycle Range 6 hours ✓ Keep Video 7 ✓ Keep Event Log 7	 Current Date Current Time Free Disk Space CPU Temperature Celsius Degree Fahrenheit Degree CPU Fan Speed User Defined Text 1 User Defined Text 2
DDNS Service	Panel Resolution Auto Fit DDNS Senice Miscellanies Automatically popup event report	Image: Constraint of the second se	

Startup: Check the box and activate the functions as the system starts. You may start/stop the function in Monitor panel on the Main Console.

Panel Resolution: Set up the resolution of the control panel. You may select Auto Fit to have the system choose the best one for you.

DDNS Service: Dynamic Domain Name Server (DDNS) function allows you to monitor with IP cameras even if you have a dynamic IP address.

Click on the DDNS button to obtain the Dynamic DNS Setup panel. Set up the DDNS function by selecting the provider type, filling in user name, password and hostname, and adjusting the update period.

*DDNS Service is only in IP CamSecure Pro/Pro Plus.

Dynamic DNS Setu	19 🔀
Enable DDN	IS
Provider	DtDNS
User name	
Password	
Host name	
Update period	16 minutes
✓	OK X Cancel

Automatically Popup Event Report: Check the box to receive popup reports when there are events detected. Make sure to stop Smart Guard System before you modify the setting, otherwise the modification will not

eneral Camera VO Device PTZ Confi - Startup Main Console	g User Account Monitor Display Storage		
	Storage		
Schedule Recording System Smart Guard System	Location 📴 🗙 💿 💽 C:\Program Files\LevelOne\IPCa	Status Display Current Date Current Time Free Disk Space	Storage Location
Counting Application Live Streaming Server Remote Playback Server	✓ Automatic Recycle Recycle Range 6 hours ▼	CPU Temperature C Celsius Degree C Fahrenheit Degree C CPU Fan Speed	 Automatic Recycle
Auto Login User Account: Password:	Recycle Range 6 hours Keep Video 7 days Keep Event Log 7 days Keep System Log 14 days	User Defined Text 1	Keep Video Keep Event Log
Panel Resolution Auto Fit DDNS Service Miscellanies	Keep Counting Log 90 days Audio Preview		 Keep System Log Keep Counting

Storage Location: Assign the path and folder in which the system saves the files. Automatic Recycle: The system will automatically delete the oldest file when the storage space is low.

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

Keep Video: Deletes the video records older than the number of days set.

Keep Event Log: Deletes the event log data older than the number of days set.

Keep System Log: Deletes the system log data older than the number of days set.

Keep Counting Log: Deletes the counting application data older than the number of days set.

IP CamSecure

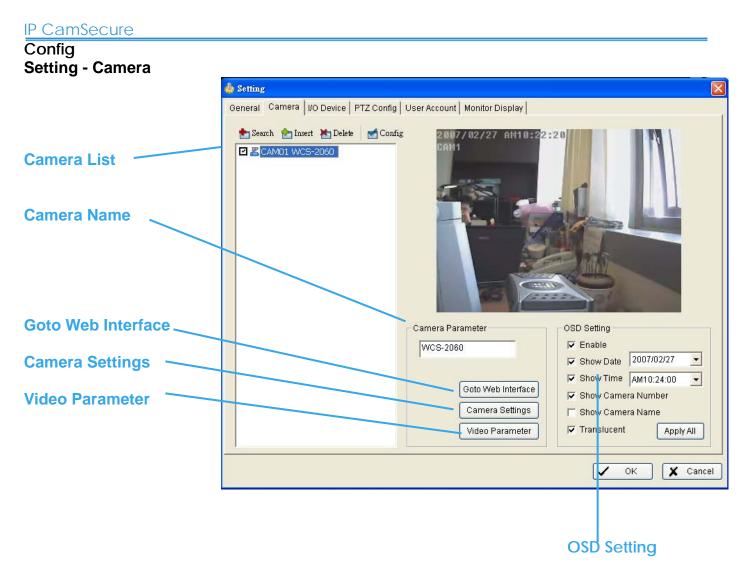
Config Setting – General

A Setting	in 1 there is a count 1 Maritan Directory	X	
General Camera VO Device PTZ Confi Startup Main Console Schedule Recording System Smart Guard System Counting Application	Storage	Status Display ↓ Current Date ↓ Current Time ↓ Free Disk Space ↓ CPU Temperature	Status Display
Live Streaming Server Remote Playback Server Auto Login User Account: Password: Panel Resolution Auto Fit DDNS Service	 ✓ Automatic Recycle Recycle Range 6 hours ▼ ✓ Keep Video 7 days ✓ Keep Event Log 7 days ✓ Keep System Log 14 days ✓ Keep Counting Log 90 days 	Celsius Degree Fahrenheit Degree CPU Fan Speed User Defined Text 1 User Defined Text 2	— Audio Preview
Miscellanies	Default Channel (Not Used) Preview Active Channel Volume	✓ OK X Cancel	

Audio Preview: Assign the audio channel to preview and the sound volume.

Status Display: Select which information you want to show on the information-display on Main Console.





Camera List: The camera(s) connected to the system will show on the panel, click the name of the camera to adjust the setting.

Camera Name: Name the camera for your convenience.

Goto Web Interface: Go to Website interface to configure the camera setting.

Camera Setting: Adjust the camera parameters in the camera setting dialog.

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

OSD Setting: Select what you want to put in the On Screen Display, showing on the sub-screen of the camera.

Config Setting - IP Camera

	Setting General Camera VO Device PTZ Config User Account Monitor Display
Search	Search Insert Delete Delete Sert Config
	Camera Parameter WCS-2060 Show Date 2007/02/27 Show Time AM10:24:00
	Goto Web Interface Image: Show Camera Number Camera Settings Image: Show Camera Name Video Parameter Image: Translucent
	OK X Cancel

Search: Click on the Search icon to obtain the Search IP Camera panel. The system will start scanning automatically once the panel is opened; feel free to stop scanning by clicking on the Stop Scan button.

Fill in the user name and password for each IP camera found and click OK to add it to the camera list.

IP	Vendor	Model	MAC	
IP Camera Option				
Camera Name:			1	
Camera Name: User Name: Password:				

Insert: Click on the Insert icon to obtain the IP/Video Server Setting panel and add IP cameras to the list.

Delete: Click on the delete button to remove the selected IP camera(s) from the system. Click OK to finalize the modification.

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

Config Setting - IP Camera

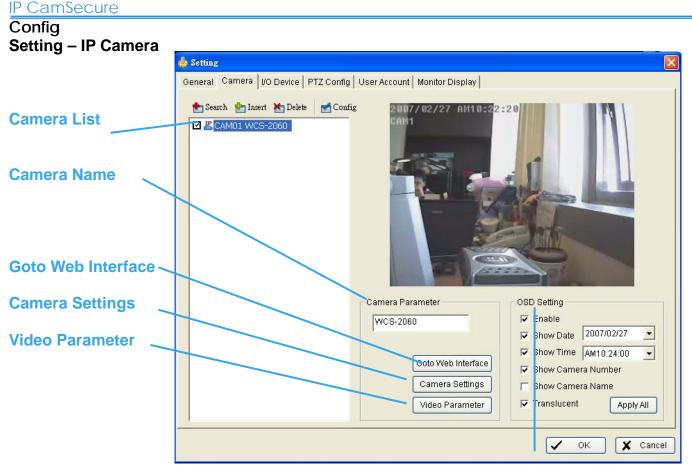
IP/Video	Server	Setting	panel
----------	--------	---------	-------

	IP Camera / Video Server Setting 🛛 💈
Network	Network Name: IP Address: Http Port: 80
Device	User Name: Password: Protocol: Device
Description	Vendor: LevelOne ▲uto Detect Camera Model: WCS-2040 ✓ Camera: I
	Description Video Codec: MJPEG MPEG4 Audio Codec: G.722.1 G.729A AAC Camera:1, DI:1, DO:1

Network: Fill up the Network field (including Name, IP Address, Http Port, User Name, Password and Protocol) referring to the instruction provided by the manufacturer. Check "Use DNS" to use domain name instead of IP address.

Device: Choose the manufacturer of the IP camera from the pull-down menu. Click on "Auto Detect" and the model name will be shown in the box.

Description: Shows information of the IP camera.



OSD Setting

Camera List: The camera(s) connected to the system will show on the panel, click the name of the camera to adjust the setting.

Camera Name: Name the camera for your convenience.

Goto Web Interface: Go to website interface to configure the camera setting.

Camera Settings: Set the camera parameter offered by camera vendor.

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

OSD Setting: Select the information that you wish to see in the on-screen display, or the sub-screen of the camera.

Camera Settings	×
Image Quality	1
Frame Rate: 30	
Quality: Normal	
Resolution: J 320x240	
🗸 OK 🗶 Cancel	

IP CamSecure

Config Setting - I/O Device	Device Setting
	Setting General Camera WO Device PTZ Config User Account Monitor Display
Module Setting	W0 Device Setting Add Digital input/output pins of selected V0 module Module: 2010 Modify Device: Y Pin
List of devices	ID: ID:
Input Monitor	Digital Input Monitor O 0 Digital Ouput Simulation O 0
	OK X Cancel Output Monitor

Module Setting: Name the module device and ID that has been connecting the digital input/output device(s) to your system.

Device: This column displays the device(s) already installed to the system.

ID: Select the number of the I/O port to which you plug the ribbon cable.

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

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

Device Setting

Name: Insert the name of the device (input and output).

Type: Select the device type from the drop-down menu. **N/O** represents that the digital signal is on in normal condition; **N/C** represents that the signal is off in normal condition.

General Camera VO Device PTZ Config Hotline User Account Address Book Monitor Display Basic Setting Camera Model: PCamera Com Port: Baud Rate:	etting - PTZ Config	
dvanced Setting Advanced Setting Pan Speed:	asic Setting	Basic Setting
Pan Speed:	dvanced Setting	Com Port.
CHINE CONTRACTOR OF CONTRA		Pan Speed: 3
		Zoom Speed: 0

Install the PTZ camera following the instruction of the manufacturer. The PTZ camera is usually connected to the PC with RS-485/RS-422.

Check the box on the camera list to activate the PTZ control function of a PTZ camera.

Basic Setting: Select the camera model, com port, baud rate, and address according to your PTZ camera.

Advanced Setting: You may setup the pan speed, tilt speed, zoom speed and auto pan speed. Adjust the settings by dragging the bars.

Config Setting – Hotline

👍 Setting	
General Camera VO Device PTZ Config Hottline User Acco	Address Book Monitor Display Telephone Modern: SoftV90 Data Fax Modern with SmartC Wave File: Automatic hangup after 30 sec Make Test Phone Call Phone Number: Dial Hang Up
User Account: Password: Send Test Mail	
	V OK Cancel

*Hotline is only in IP CamSecure Pro/Pro Plus.

Configure the settings of hotlines, including E-mail and telephone calls, once an unusual event is detected.

E-mail: Input the following information: server, sender's E-mail address, E-mail's subject title, and body content. You may click on the Send Test Mail button to test the settings.

Telephone: Select the modem that the system is going to dial the info call with, and then insert the phone number.

Note: You may select a Wave format file; it will be played in the phone to alarm the person who picks up the phone call.

* indicates mandatory areas

Config Setting - User Account

🎄 Setup			
General Camera VO Device PTZ Config Hotline User Acco	ount Address B	ook	
User Account Setting	Name	Group	Description
Name:	admin	Admin	Administrator
Group:			
Description:			
Password:			
Password Confirm:			
🖵 Disable User Account			
Privilege:			
Main System Chain System Schedule Start/Stop Smart Guard Start/Stop Smart Guard Setting PTZ Control System Setting Counting Application Live Streaming Server Remote Playback Server			
Add Delete Update			
		(🗸 OK 🗶 Cance

User Account: The administrator may manage the user accounts here. From the list on the right, highlight each account and modify the privilege setting.

Config Setting - Address Book

🎄 Setting					×
General Camera	I/O Device PTZ Confi	g Hotline Use	r Account Ac	Address Book	
Please input the n	ame and contact inforn	nation			
Name:	Pr	one:		E-Mail:	
Description:				_	
Decembrican 1					
			Add	Clear Modify Remove	
Contact persons					
Name	Phone	E-Mail		Description	
				V OK X Cance	1

*Address Book is only in IP CamSecure Pro/Pro Plus.

Address Book: Manage the address book from which you want to give a call or E-mail when an unusual event is detected.

IP CamSecu Config	ure			
Setting				
•	nlov			
Monitor Dis	piay			
I Setting	evice PTZ Config	Hottine User Acc Junt Addre		
		Primary Seconda y		– Auto Scan
🐨 01 Camera 1	~	🐨 01 Camera 1	Auto Scan	
O2 Camera 2 O3 Camera 3		O2 Camera 2 O3 Camera 3	Primary Channel (Not Used) 🔻	
1 Camera 3		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Secondary Channel (Not Used) 🗸	
@05 FCS-3000		@ 05 FCS-3000	Secondary Channel ((Not Used)	
@ 06 FCS-1050	>	@ 06 FCS-1050	Auto-scan Interval 2 sec.	Layout
@07 FCS-1010-01		@07 FCS-1010-01		
@08 FCS-1010-02	<	@08 FCS-1010-02	Layout	
@09 WCS-2010-v2		@09 WCS-2010-v2	Layodt	
10 FCS-1030-v1		@ 10 FCS-1030-v1	NxN Type: 5x5 -	
@ 11 \&/CS-2010-v1		@11 WCS-2010-v1		

Playback Option: Execute Playback on the secondary monitor by checking the box. Make sure to adjust the display setting of your computer in advance to avoid system error.

V OK X Cancel

5

X

N

Cameras List: The left side displays a list of all cameras; modify the cameras shown on primary/ secondary monitor in the right window.

*The dual monitor is only in IP CamSecure Pro/Pro Plus.

12 FCS-1030-v2

13 WCS-2030-v1

14 WCS-2030-v2

15 WCS-2030-v3

16 FCS-1040

17 WCS-2040
18 FCS-1060

19 FCS-1070

20 WCS-2070

12 FCS-1030-v2

@13 WCS-2030-v1

@14 WCS-2030-v2

15 WCS-2030-v3

@ 16 FCS-1040

🐨 18 FCS-1060 🐨 19 FCS-1070

20 WCS-2070

17 WCS-2040

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

For instance, 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 16 channels by turns. 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.

Save/Load Configuration

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

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

٩	<u>S</u> etting		
	Save/Load Configuration	間	Save
20	Counting Application	D	Load
İ	Log Viewer		
	<u>B</u> ackup		
	Network Service		
	About MainConsole		

Load Configuration: To load a specific setting, go

to Config > Save/ Load Configuration > Load. In the popup window, go to the directory that you saved the cfg files at, select any one of them and then click OK to load the file.

Video Source

When you use LevelOne CamCon Capture Card series , like FCS-8004, you need to set up your video source before you start to activate schedule recording .

eo Source		
Video Standard:	NTSC	-
Video Resolution:	640x240	•
🖌 ок	X Cancel	1

Video Standard: Select the Standard that you apply, from NTSC and PAL.

Video Resolution: Select the resolution you want, from 320 x 240, 640 x 240 and 640 x 480.



Config

Counting Application				
	Scounting			
Step 1	CAM01 (Front Gate) GAM02 (Camera 2) CAM03 (Camera 3) CAM04 (Camera 4)	Video Preview	2	
Step 2				
Step 3	Operation C	Dptions	Runtime	Result
Start Simulation	C Define object size	C 1 Way Counting	Show counting result Show object bounding box Reset every 1 hour	In: 0 Out: 0
	/ Option	IS	Runtime	

*Counting Application is only in IP CamSecure Pro/Pro Plus.

Step 1: Check the box of the camera to apply the Counting Application on it.

Step 2: In Operation section, define the detection zones you want. Drag the cruise to draw Region 1 and Region 2

Step 3: Define the object size on the screen. Objects in the size going across these two Regions will be counted.

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 Region 2 to Region 1.

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

Start Simulation: Click to test the setting.

Config Log Viewer

Step 4 Unusual Event | System Log | Counter Application | Counter Application (Diagram) og Type: All Device: All • Step1 Date: Vov/11/2005 V \$ 10 Nov/14/2005 09:37 AM Search Date&Time: 2005/11/11 21:41:20 2005/11/11 21:41:36 2005/11/11 21:41:42 2005/11/11 21:42:33 neral M General Motion General M General M Step 2 Step 3

*IP CamSecure Lite32 only has System Log option in Log Viewer.

Unusual Event: You can check out the history of Unusual Event that had been detected by Smart Guard System.

Step1: Choose the type of event you want to check or select "All" on the pull-down menu for all types of events.

Step 2: Choose from which camera you want to check the event(s) or select "All" for all the channels available.

Step 3: You can either view the events on a particular date or during a given time period. To search and view Unusual Event on a particular date, mark the box right after "Date" and indicate the date you want to check.

You may also point out two different time points and search for Unusual Event between them. Mark the box in the Date &Time column and then enter the date and time.

Step 4: Click Search

	🔎 Log Viewer			
	Unusual Event System	Log Counter Application Counter	r Application (Diagram)	
\leq			7.442005-09.37 AM (MLC)	Search
	2005/11/11 21:39:44	Event Type Start Live Streaming Server	Description	
	2005/11/11 21:39:45	Start Remote Playback Server		
	2005/11/11 21:40:50 2005/11/11 21:41:15	Modify Smart Guard Start Smart Guard		
	2005/11/11 21:42:39	Stop Smart Guard		
	2005/11/11 23:10:11	Stop Live Streaming Server		
	2005/11/11 23:10:11	Stop Remote Playback Server		/

System Log: You can choose the log type from the drop-down menu, following is a complete list of all log types:

- 1. Main Console Startup
- 2. Main Console Shutdown
- 3. User Login
- 4. User Login Failed
- 5. Start Schedule
- 6. Stop Schedule
- 7. Execute Recycle
- 8. Execute Backup
- 9. Enable Channel
- 10. Disable Channel
- 11. Start Smart Guard

- 12. Stop Smart Guard
- 13. Modify Smart Guard
 - 14. Modify Schedule
- 15. Modify Configuration
- 16. Start Live Streaming Server
- 17. Stop Live Streaming Server
- 18. Modify Live Streaming Server
- 19. Start Remote Playback Server
- 20. Stop Remote Playback Server
- 21. IP Camera Connection Lost

Step1: Choose the type of event you want to check or select "All" on the pull-down menu for all types of events.

Step 2: You can either view the events on a particular date or during a given time period. To search and view Unusual Event on a particular date, check the box right after Date and indicate the date you want to check. You may also point out two different time points and search for Unusual Event between them. Mark the box in the Date & Time column and then enter the date and time.

Step 3: Click Search.

Config Log Viewer - Counting Application

Counting Application:

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

DLog ¥iewer	and the second			
Jnusual Event System	Log Counter Application	Counter Application	(Diagram)	
Channel: All	-			
Date: 🔽 2005/.	Nov/10 - 🗧			
Date&Time: _ 2005/.	Nov/21 01:35 PM 👻 🕇 to 👖	2005/Nov/21 01:35	5 PM - ≑	Search
	- Instance -		I	
Event Time	Device	In	Out	
2005/11/10 02:00:00	CAMERA 1	0	0	
2005/11/10 03:00:00	CAMERA 1	0	0	
2005/11/10 04:00:00	CAMERA 1	0	0	
2005/11/10 05:00:00	CAMERA 1	0	0	
2005/11/10 06:00:00	CAMERA 1	0	0	
2005/11/10 07:00:00	CAMERA 1	0	0	
2005/11/10 08:00:00	CAMERA 1	0	0	
2005/11/10 09:00:00	CAMERA 1	5	2	
2005/11/10 10:00:00	CAMERA 1	10	4	
2005/11/10 11:00:00	CAMERA 1	17	13	
2005/11/10 12:00:00	CAMERA 1	8	9	
2005/11/10 13:00:00	CAMERA 1	5	21	
2005/11/10 14:00:00	CAMERA 1	9	9	
2005/11/10 15:00:00	CAMERA 1	7	16	
2005/11/10 16:00:00	CAMERA 1	11	6	
2005/11/10 17:00:00	CAMERA 1	7	10	
2005/11/10 18:00:00	CAMERA 1	3	13	
2005/11/10 19:00:00	CAMERA 1	2	14	
2005/11/10 20:00:00	CAMERA 1	1	2	
2005/11/10 09:00:00	CAMERA 1	0	0	
2005/11/10 10:00:00	CAMERA 1	0	0	
	CAMERA 1	0	0	

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

Step 2: You may view events happened on a particular date or during a given time period. To search and view unusual event happened on a particular date, mark the box right next to "Date" and indicate the date. You may also point out two different time points and search for unusual events happened during the period. Mark the box in the Date&Time column and then enter the date and time.

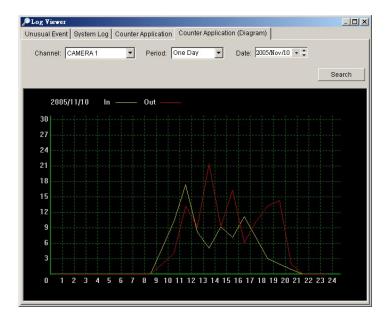
Step 3: Click Search.

IP CamSecure

Config Log Viewer - Counting Application (Diagram):

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.

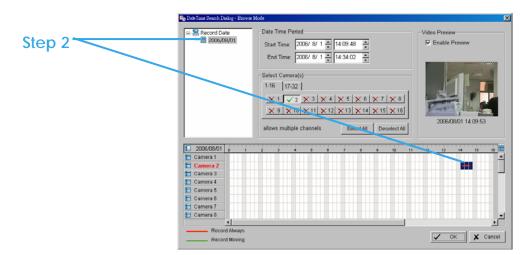
Config

Backup

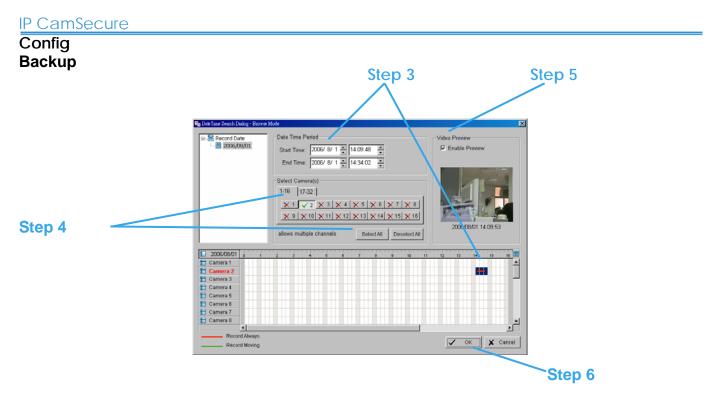
The backup function saves video record and other log information. User may open backup files on any PC with Windows Operation System and operate the full function Playback panel on it. Follow the instructions below to obtain backup files.

	📴 未命名標題 - Backup			
	Backup Help			
	New Period 🤺 Re	move Period 🛛 🔁 Backup	💌 Delete	
	Start Date Time	End Date Time	Camera(s)	Size
Step 1	▶2005/10/29 上午 11:20:10	2005/10/28 上午 11:21:52	1,2,3,4	1,429KB

Step 1: Click on "New Period" to obtain the Select DateTime Period panel.



Step 2: From the record date section, select the date you want to backup from. You will see color lines appear in the time table implying available data recorded. Red, green, and blue stands for record always, record on motion, and record on event data files, respectively.



Step 3: Select the data you want to backup by highlighting the time period. Besides the time-table, you may also set up start time and end time in the Date Time Period section.

Step 4: Click on the camera number icon to add camera(s) or click Select All to add all the cameras.

Step 5: Check the box of Enable Preview to get the preview of the video you select.

Step 6: Click OK when the settings are complete and go back to the Backup panel.

IP CamSecure Config					
Backup	図 未命名標題 - Backup Backup Help	move Period [🖉 Backup	× Delete		
Step 7	Start Date Time 2005/10/28 上午 11:20:10	End Date Time 2005/10/28 上午 11:21:52	Camera(\$) 1,2,3,4	Size 1,429KB	

Step 7: Click the Backup icon and you can see the size of the file.

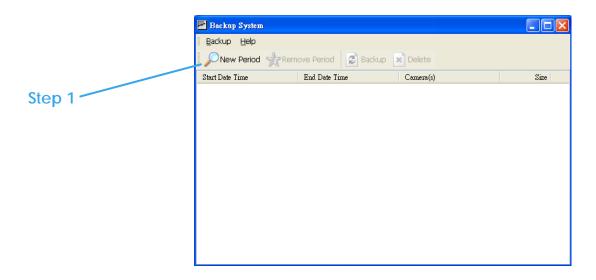
Step 8: Choose the path you want to save the file or, burn the file into a CD (direct CD burning for Windows XP only).

Step 9: Select which log information you want to backup (Event Log, System Log and/or Counter Log) and then click OK.

	Backup
Step 8	Sumary
	Total backup data size: KB
	Media
Stop 0	Backup using CD/DVR Writer
Step 9	O Backup on HardDisk
	URL
	Option
	Backup Event Log
	🗹 Backup System Log
	☑ Backup Counter Log
	OK Cancel

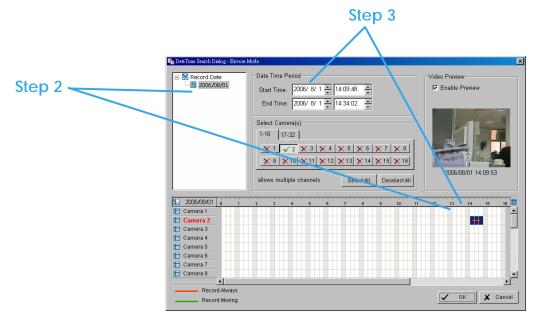
Config Delete recorded information from the system

Step 1: Click on "New Period" to obtain the Select DateTime Period panel.



Step 2: From the record date section, select the date you want to delete the file from. You will see color lines appear in the time table implying available data. Red, green, and blue stands for record always, record on motion, and record on event data files, respectively.

Step 3: Select the data you want to delete by highlighting the time period. Besides the time-table, you may also set up start time and end time in the Date Time Period section.



Config

Step 4: Click on the camera number icon to add camera(s) or click Select All to add all the cameras.

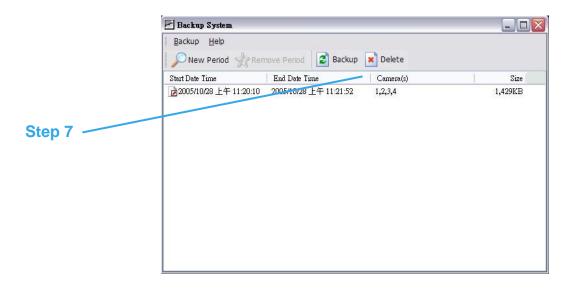
5

Step 5: Check the box of Enable Preview to get the preview of the video you select.

Step 6: Click OK when the settings are complete and go back to the Backup panel.

	C Date Time Search Dialog - Browse Mode	
Step 4	Start Time: 2005/08/01 Video Preview Start Time: 2005/08/01 Start Time: 2005/08/01 Select Camera(s) 1.16 17-32 If 1/2 if	Step
	1 206/08/01 0 1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 10 11 11 Camera 1	
Step 6	Record Moving	

Step 7: Click on the "Delete" icon and delete the data.



Config

Network Service

There are 3 types of network services: live streaming server, remote playback server, and 3GPP service. From the Main Console, go to Config > Network Service to obtain the Network Service panel.

*IP CamSecure Lite32 only has Live Streaming in Network Service.

Live Streaming Server

When starting the live streaming function of your computer, you allow other people to log on to the specific computer and view cameras that are connected to it. As system administrator, you are able to monitor these accounts in order to maintain the system efficiency.

Live Streaming Server – Main

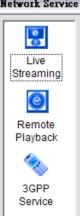
On Live Streaming Server panel, you can see the clients who are currently logging on to your computer and watching the live video from the remote side.

Start: By starting the system, you turn the computer into a live streaming server; thus allow other people to log on to the system.

	Live Streaming Server
	Main Black / White List Performance
	Client Count 0 Kill Client Kill All Clients
	State IP Camena Bitrate (Kbps)
Kill Client	
Cill All Clients	Service
Start	Server Status: Stopped Start Stop
	Options Port: 5150 Default Maximum Image: Construction of the server Port: 8080
	Save Log LiveServer.log
	OK Cancel

Kill Client: Highlight an IP address and click on the "Kill Client" button to block a client from your system.

Kill All Clients: By clicking on this button, you may block all the clients logging to your system.



Network Service

IP CamSecure

Config

Stop: Stop broadcasting live stream video.

	Live Streaming Server	×
	Main Black / White List Performance	
Maximum Users	Client Count 0 Kill Client Kill All Clients	
	State IP Camera Bitrate (Kbps)	
Port _		
	Service	
Web server	Server Status: Stopped Start Stop	
	Port: 5150 Default Maximum 100	
Save Log	Use Default Web Server Port 8080	
Save Log	✓ Save Log LiveServer.log	
	V OK X Cance	8

Options: You may only adjust the setting when the server is stopped.

Port: Assign a port for the clients to connect to your system to the network.

Use Default Web Server: Activate the Web server by checking the box; clients will be able to watch live video via Internet Explorer. The port is set to 80 by default.

Maximum Users: Number of connections that are allowed to connect to your system. One camera video counts as one connection.

Save Log: Save the log information at appoint folder.

	Live Streaming Server	
	Main Black / White List Performance	
Black/White List	Enable White List F Enable Black	<list< td=""></list<>
	· · · to	
P Field	Add to White List Add to Bl	ack List Delete
Add/Delete	ID IP Range 0 192.168.1.1 - 192.168.1.20	Access Accept
Apply to All Live Streaming Servers		
		Apply to All Network Servers

White List: Check the box to activate White List filter. Only IPs from the White List are allowed to log-in.

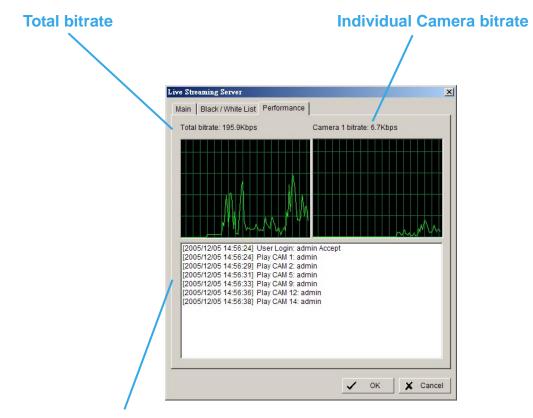
Black List: Check the box to activate Black List filter. IPs from the Black List will be blocked.

IP Field: Enter the IP in the field at the left or, 2 sets of IP to indicate a series of IPs.

Add/Delete: To Add the IP(s) onto the list or remove it from the list.

Apply to All Network Servers: To apply the setting to all the servers.

Config Live Streaming Server – Performance



Live Streaming Server log information

IP CamSecure

Config Remote Playback Server

	Remote Playback Server	4
	Main Black / White List Performance	
	User Count 0 Kill User Kill All Users IP User Bitrate (Kbps)	
Kill Client		
Kill All Clients		
	Service	
	Server Status: Running Start Stop	
	Options	
Star	Port: 5160 Default	
otai	Maximum Users: 8	
	Save Log RemotePlayback.log	
	OK Cancel	

*Remote Playback is only in IP CamSecure Pro/Pro Plus and there are up to 16 channels displayed simultaneously.

When starting the remote playback function of your computer, you allow other people to log on to the specific computer and withdraw data files that are stored on it. As system administrator, you are able to monitor the accounts that log on in order to maintain the system efficiency.

Remote Playback Server - Main

On Remote Playback Server panel, you can see the clients who are currently logging on to your computer and watching the live video from the remote side.

Start: By starting the system, you turn the computer into a remote playback server; thus allow other people to access the system.

Kill Client: Highlight an IP address and click on the "Kill Client" button to block a client from your system.

Kill All Clients: By clicking on this button, you may block all the clients logging to your system.

Stop: Stop broadcasting playback video.

Config

R	emote Playback Server
	Main Black / White List Performance
	User Count 0 Kill User Kill All Users
	IP User Bitrate (Kbps)
Port	
Maximum Users	Service Server Status: Stopped Start Stop
	Options Port 5160 Default
	Maximum Users: 8
Save Log	Save Log RemotePlayback.log
	✓ OK X Cancel

Options: You may only adjust the setting when the server is stopped.

Port: Assign a port for the clients to connect to your system to the network.

Maximum Users: Number of connections that are allowed to connect to the Remote Playback Server. One camera video counts as one connection.

Save Log: Save the log information at appoint folder.

Config

Remote Playback Server - Black/White List Remote Playback Server x Main Black / White List Performance Balck/White List -🔽 Enable White List 📃 Enable Black List to **IP Field -**Add/Delete-ID IP Range Access 0 192.168.1.1 - 192.168.1.20 Accept 1 192.168.1.21 - 192.168.1.30 Denv **Apply to All Remote Playback Servers** Apply to All Network Servers OK 1 X Cancel

White List: Check the box to activate White List filter. Only IPs from the White List are allowed to log-in.

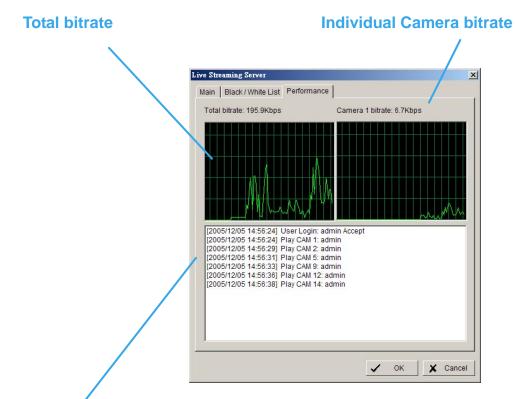
Black List: Check the box to activate Black List filter. IPs from the Black List will be blocked.

IP Field: Enter the IP in the field at the left or, 2 sets of IP to indicate a series of IPs.

Add/Delete: To Add the IP(s) onto the list or remove it from the list.

Apply to All Network Servers: To apply the setting to all the servers.

Config Remote Playback Server – Performance



Remote Playback Server log information

About

Click About on the pull-down menu, and then the version of IP CamSecure will show up on the screen.

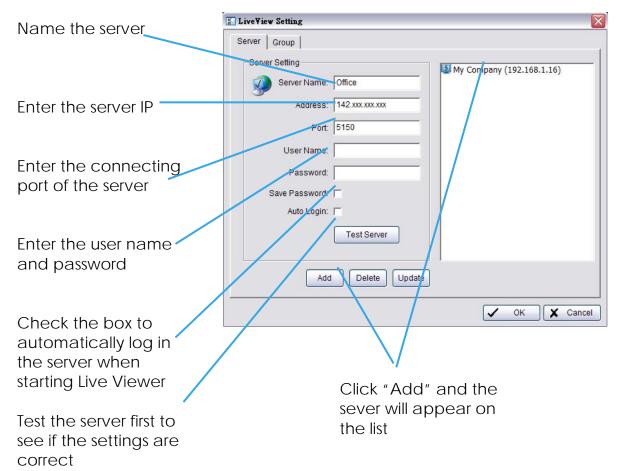
Live Viewer



With the Live Viewer console, you may watch real-time video from remote live streaming servers.

*There is only 1 channel displayed in Live Viewer in IP CamSecure Lite32 while there are up to 16 channels displayed in IP CamSecure Pro/Pro Plus simultaneously.





You may put different cameras into the same group when utilizing the Live Streaming Server function.

Step 1: Go to the Group tab of the LiveView Setting panel.

Step 2: Log in to all the servers that contain the camera(s) you would like to put into the group(s).

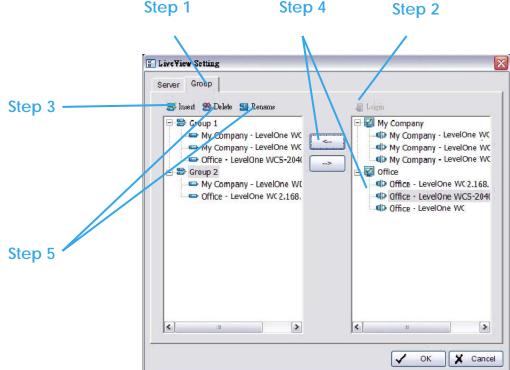
Step 3: Click "Insert" to create a new group; name the group for future reference.

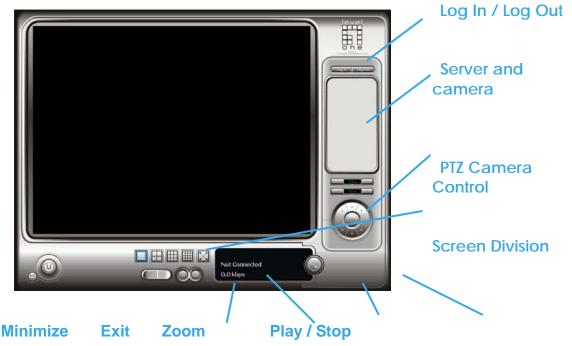
Step 4: From the window at the right, highlight the camera(s) that you would like to add to a group and then click on the "<--" button. Repeat the process until you are satisfied with the group setting.

Step 5: Click on the Delete and Rename button to remove or rename a specific group.

Step 6: Repeat Step 3 to 5 until you are done with creating and setting groups.

Step 7: Click OK. Step 1





Select a camera(s) from the server/ camera list on the right and then drag it to where you want the image to be displayed.

On the server/ camera list, right click on a camera to connect/ disconnect it.

Log In/ Log Out: Select a server or a group and click on the log in/ out icon to access/ leave the server. You may also log in/ out from the server by right clicking on it.

Server and Camera List: Display a complete list of the server(s) and camera(s) that are added to the system.

PTZ Camera Control: You may control the camera view by utilizing the PTZ camera control panel to adjust the camera's view. This is only available with cameras that support PTZ function.

Minimize: Minimize the Live View Console window.

Exit: Shut down the system or log out current user.

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

Play / Stop: Select a camera/video and click Play / Stop to play/stop the particular channel.



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IP CamSecure
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Other—View Real-Time Video on the Internet **IP of the Server Cameras** LevelOne Surveillance Remote Live View - Microsoft Internet Explorer File Edit View Favorites Help Tools 🌔 Back 🔹 🌔 🕽 Search 🛛 👷 Favorites 🖉 • 🚵 🔜 🦓 × 2 Address 🛃 http://192.168.10.169/ Camera 1 Decamera 2 Camera 3 **₫**Þ Camera 4 PCS-3000 **D** ECS-1050 PCS-1010-0 PCS-1010-0 **WCS-2010** PCS-1030-D WCS-2010-D FCS-1030-\ WCS-2030 N < 1111 > Log In / Log Out **Screen Division** Play / Stop Disconnect

*There is only 1 channel displayed in Live Viewer via web browser in IP CamSecure Lite32 while there are up to 4 channels displayed in IP CamSecure Pro/Pro Plus simultaneously.

Server IP: Open an Internet Explorer and enter the IP number of the server followed by the connecting port.

Example: http://192.168.10.169/

Connect / Disconnect: Select the camera from the server, hold the left click and drag the camera to where you want to put the image, or double click the camera on the list to connect it.

Select the camera on screen or on the list and click the Disconnect icon to disconnect the camera.

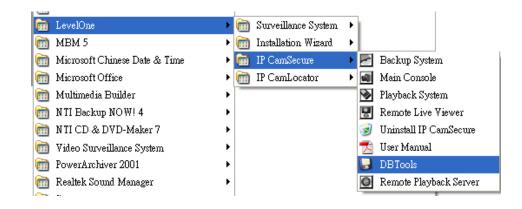
Play / Stop: Select a camera/video and click Play / Stop to play/stop the particular channel.

DBTools

DBTools

The DBTools : Export/import database/files; export configurations and edit storage location.

Step 1: Execute DBTools from program files.



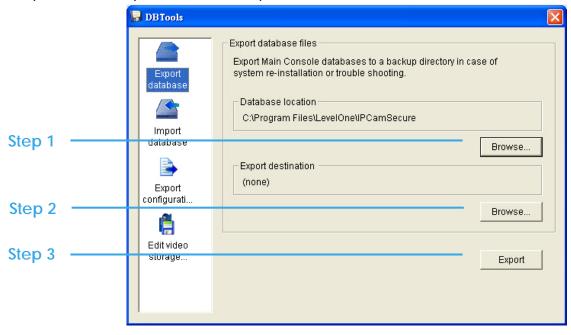
Step 2: Enter the password of administrator to login.

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

Export database

Step 1: Select the database you want to export.

- Step 2: Select the destination you want to export.
- Step 3: Press "Export" to start to export database.



Import database

Step 1: Select the database location you want to import.

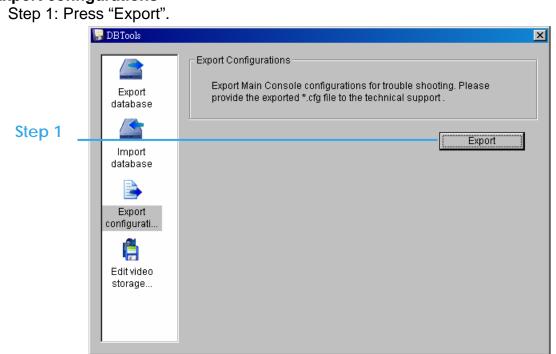
Step 2: Select the installation path you want to import.

Step 3: Press "Import" to start to import database.

	Export database	Import database Import Main Console databases into the installation path from a backup directory. Database location (none)
Step 1 —	database	Browse Installation Path C:\Program Files\LevelOne\IPCamSecure
Step 2 — Step 3 —	Edit video storage	Browse

DBTools

Export configurations



Step 2: Select the location you want to Export and type the name of the configurations.

Step 3: Press "Save" to start to import database.



IP CamSecure

DBTools

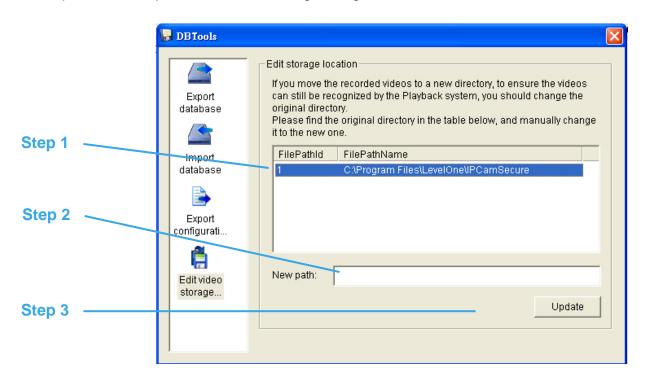
Edit storage location

If you move the recorded videos to a new directory, to ensure the videos can still be recognized by the Playback system, you should change the original directory.

Step 1: Select the original directory in the table.

Step 2: Type the new path you want to save the recorded videos.

Step 3: Press "Update" to finish editing storage location.



Backup

Backup

The backup function saves video record and other log information. Users may open backup files on any PC with Windows Operation System and operate the full function Playback panel on it. Follow the instructions below to obtain backup files.

Step 1: Execute DBTools from program files.

🛅 LevelOne	🔹 🕨 📷 Surveillance System	•
mbm 5 mbm 5	🕨 🛅 Installation Wizard	•
🛅 Microsoft Chinese Date & Time	🕨 🛅 IP CamSecure	🔸 🛃 Backup System
🛅 Microsoft Office	🕨 🛅 IP CamLocator	🕨 🚮 Main Console
🛅 Multimedia Builder	►	🔊 Playback System
🛅 NTI Backup NOW! 4	•	📳 Remote Live Viewer
🛅 NTI CD & DVD-Maker 7	•	🥑 Uninstall IP CamSecure
🛅 Video Surveillance System	•	📩 User Manual
🛅 PowerArchiver 2001	•	🛃 DBTools
🛅 Realtek Sound Manager	•	🙆 Remote Playback Server

Step 2: Click on "New Period" to obtain the Select DateTime Period panel.

	🖻 Backup System			
	<u>B</u> ackup <u>H</u> elp			
	New Period 🤿	Remove Period Bad	ckup 🗙 Delete	
	Start Date Time	End Date Time	Camera(s)	Size
Step 2				

Step 3: From the record date section, select the date you want to backup from. You will see color lines appear in the time table implying available data recorded. Red, green, and blue stands for record always, record on motion, and record on event data files, respectively.

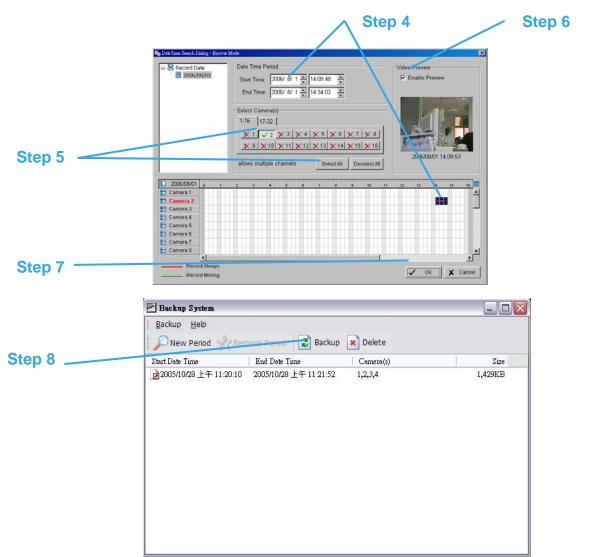
Step 4: Select the data you want to backup by highlighting the time period. Besides the time-table, you may also set up start time and end time in the Date Time Period section.

Step 5: Click on the camera number icon to add camera(s) or click Select All to add all the cameras.

Step 6: Check the box of Enable Preview to get the preview of the video you select.

Step 7: Click OK when the settings are complete and go back to the Backup panel.

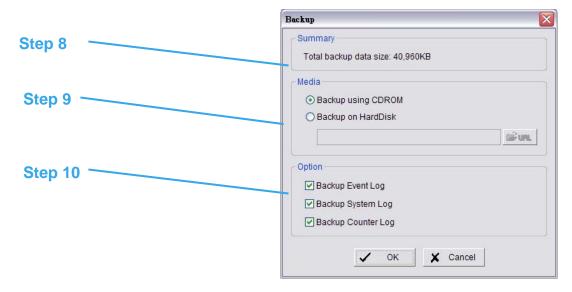
Backup



Step 8: Click the Backup icon to see the size of the file.

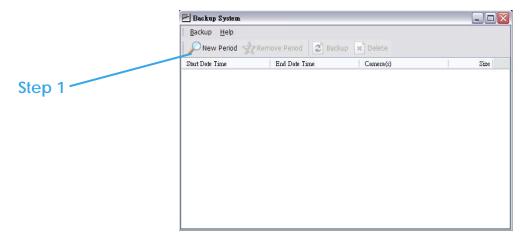
Step 9: Choose the path you want to save the file or burn the file into a CD (direct CD burning for Windows XP only).

Step 10: Select the log information you would like to backup (Event Log, System Log and/or Counter Log) and then click OK.



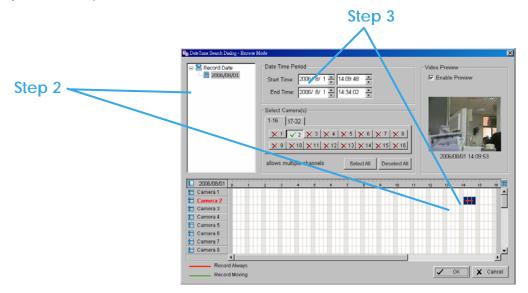
Backup Delete recorded information from the system

Step 1: Click on "New Period" to obtain the Select DateTime Period panel.



Step 2: From the record date section, select the date you want to delete the file from. You will see color lines appear in the time table implying available data. Red, green, and blue stands for record always, record on motion, and record on event data files, respectively.

Step 3: Select the data you want to delete by highlighting the time period. Besides the time-table, you may also set up start time and end time in the Date Time Period section.



Backup

Step 4: Click on the camera number icon to add camera(s) or click Select All to add all the cameras.

Step 5: Check the box of Enable Preview to get the preview of the video you select.

Step 6: Click OK when the settings are complete and go back to the Backup panel.

	Sg. Date Time Search Dialog - Browse Mode	step 5
Step 4	Star Time: Z006/08/01 Star Time: Z006/08/01 Star Time: Z006/08/01 Star Time: Z006/08/01 Select Camera(s) 14/34/02 1/16 17/32 X1 V2 X2 V3 X4 V5 X6 V7 X1 V2 X2 V3 X4 V2 X4 V2 X4 V2 X4 V2 X4 V2	Video Preview E Enable Preview State of the state of th
	20060901 0 1 2 4 6 7 8 1 Camera 2 Camera 3 Camera 4 Camera 6 Camera 7 Camera 8	
Step 6 _	Record Moving	V OK X Cancel

Step 7: Click on the "Delete" icon and delete the data.

Note: the deleted video cannot be recovered.

	🛃 Backup System				
	Backup Help				
	New Period 👷 Remove Period 😰 Backup 💌 Delete				
Step 7	Start Date Time	End Date Time	Camera(s)	Size	
-	▶2005/10/28上午 11:20:10	2005/10/28 上午 11:21:52	1,2,3,4	1,429KB	

Backup

How to Use IP CamSecure in VISTA

Step 1: Start->Control Panel

Step 2: Click "User Accounts"

Step 3:

Click "Turn User Account Control On or Off"

Step 4:

Disable "Use User Account Control(UAC) to help protect your computer", then click "OK". Now, you can use IP CamSecure in VISTA.

