



Real-time Mobile Surveillance

PC Application User Manual

Introduction

Inca X iNowCU allows your webcam to become an intelligent motion detection security device that can send image alerts directly to your mobile phone or as email attachments.

You can also connect from your mobile phone and see in real-time what your webcam is viewing, start and stop webcams and adjust their settings so you can make sure you only receive alerts on your mobile when you want to.

Prerequisites

To use the iNowCU software you need to have the following.

- PC with either Windows XP or Windows Vista 32bit
- High speed 'always on' Internet connection such as ADSL broadband
- One or more USB webcams
- Windows Mobile 5/6 phone
Or iPhone
Or mobile device with Java MIDP-2.0 (most modern mobile phones have this pre-installed)

Before you start

If your mobile is not a Windows Mobile device or iPhone, then it is important that you first download and install the iNowCU mobile application to check that your phone is compatible with the software.

Visit <http://www.iNowCU.com> from your mobile phone and download then run the iNowCU application. If the application successfully runs and shows you the login screen, then exit the application and continue by setting up iNowCU on your PC.

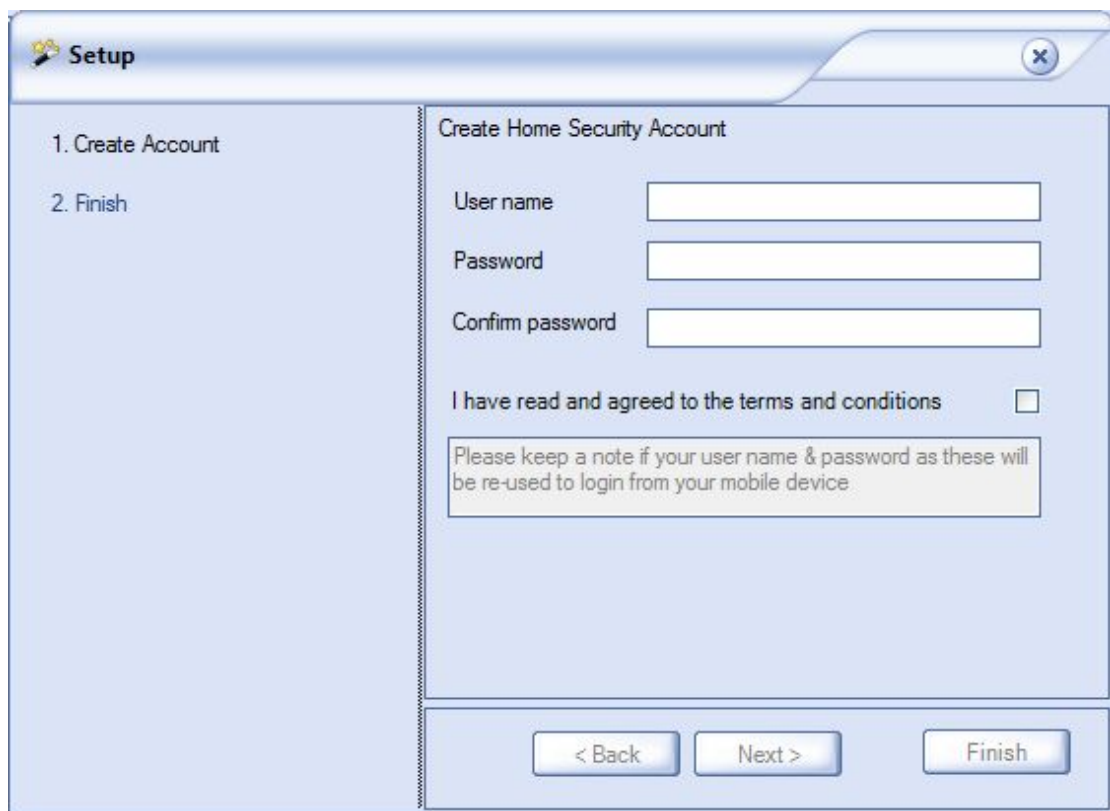
When you have setup your account on your PC run the mobile application and login using the same details you used on the PC.

Getting Started

Assuming your mobile is compatible, download and install the iNowCU PC application from <http://www.iNowCU.com>

When the application starts it will test that your Internet connection is available. If no Internet connection is available the application will exit.

Assuming your Internet connection is active you will be presented with a wizard screen, shown below to setup your account, which is required later on so you can connect from your mobile phone to the PC application.



The screenshot shows a Windows-style window titled "Setup" with a close button in the top right corner. On the left side, there is a vertical list of steps: "1. Create Account" and "2. Finish". The main area of the window is titled "Create Home Security Account" and contains the following elements:

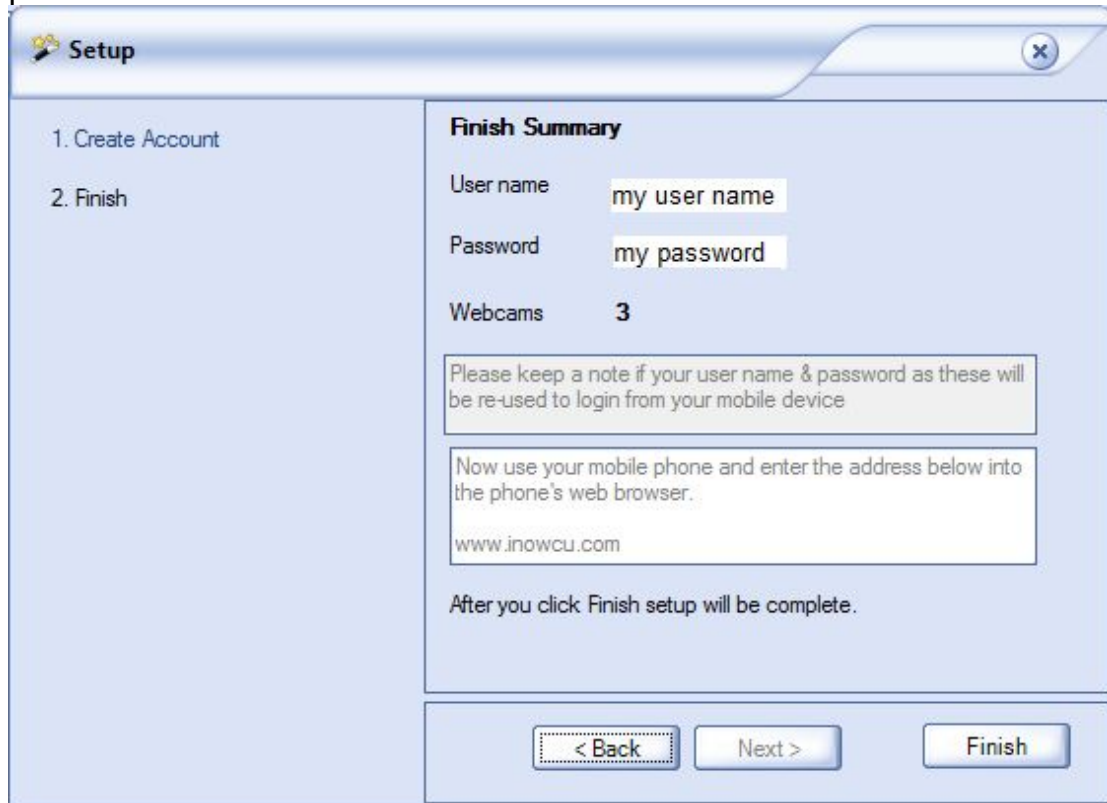
- Three text input fields labeled "User name", "Password", and "Confirm password".
- A checkbox labeled "I have read and agreed to the terms and conditions" which is currently unchecked.
- A text box containing the instruction: "Please keep a note of your user name & password as these will be re-used to login from your mobile device."
- At the bottom, there are three buttons: "< Back", "Next >", and "Finish".

To create your account, select a unique user name and password of your choice and click the terms and conditions checkbox. The Next button will then be enabled.

Click the next button.

If the user name you have chosen is already in use by another person the application will prompt you to select a different user name. The simplest way to avoid any conflicts is to use your email address as your user name.

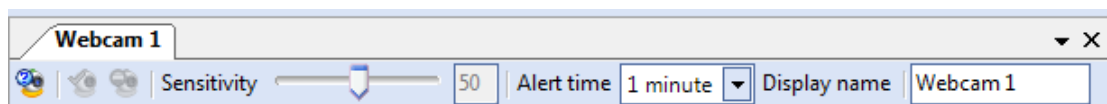
When you have successfully created your user account you will be presented with a summary so you can write down your user name and password. It is important that you keep a note of these details as you will need to use them to login to your PC from your mobile phone.







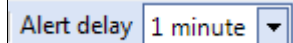
Click to Finish button to complete the account setup.

Configuring you webcam

Each of your connected webcams has its own window that allows you to view and configure the setting specific to that camera.



The toolbar options from left to right perform the following tasks.

	Start web camera
	Enable web camera to send alerts
	Disable web camera
	Controls the motion detection sensitivity. Drag the slider to the right to increase the sensitivity or to the left to decrease the sensitivity.
	The Alert Delay specifies how long before

	resuming motion detection after an alert has been sent.		
<table border="1"> <tr> <td>Display name</td> <td>Webcam 1</td> </tr> </table>	Display name	Webcam 1	To change the display name of the selected webcam, for example "Back Door" type in the name and then press the Enter key.
Display name	Webcam 1		

Calibrating alert sensitivity


It is important that when you start your webcam(s) they are facing in a direction where there is initially no movement.

After starting a webcam for the first time, do not move in front of the camera until the status bar shows "Detection enabled".


Next move in front of the camera and if an alert is triggered then the default sensitivity (50%) is correct. If no alerts are fired, then try increasing the sensitivity until you see an alert.

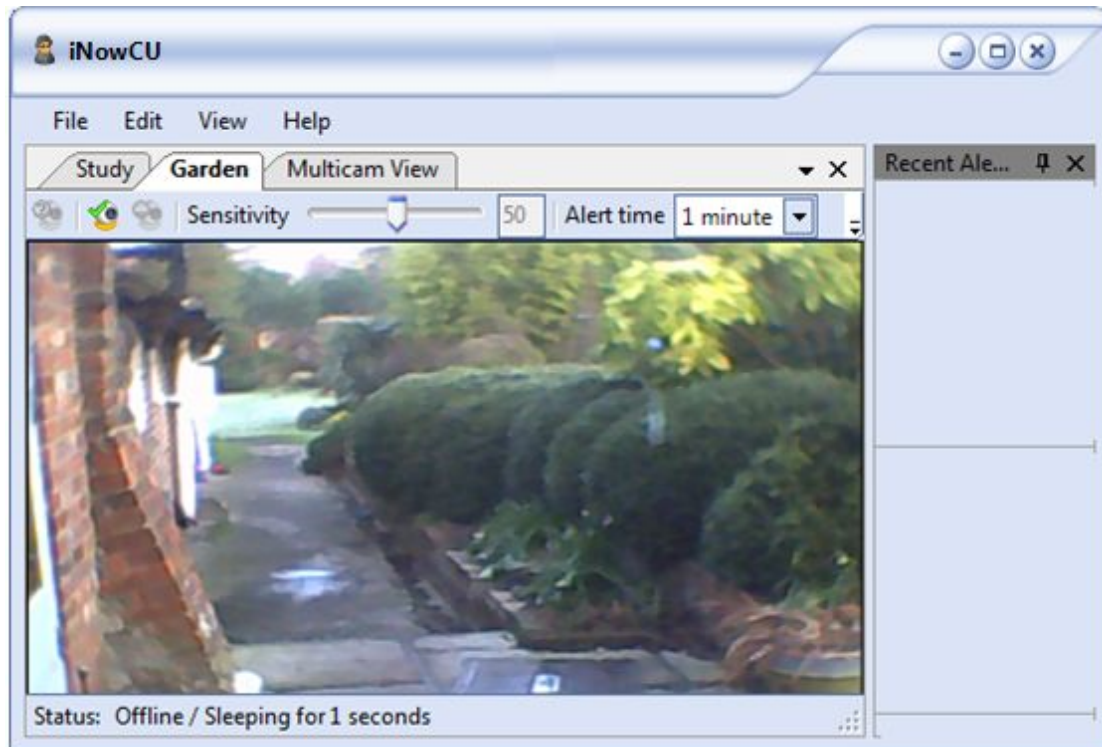
Different webcams and different surrounding will affect how the sensitivity needs to be set, for example if a webcam is facing out of a window and there are trees or plants moving in the wind, you will need to lower the sensitivity so the movement of those objects do not fire alerts.

In general terms, the brighter the light the lower you will need to set the sensitivity, because small objects that move will be easily detectable and will trigger alerts. However, with low light you might need to increase the sensitivity so larger objects that are moving can be detected.

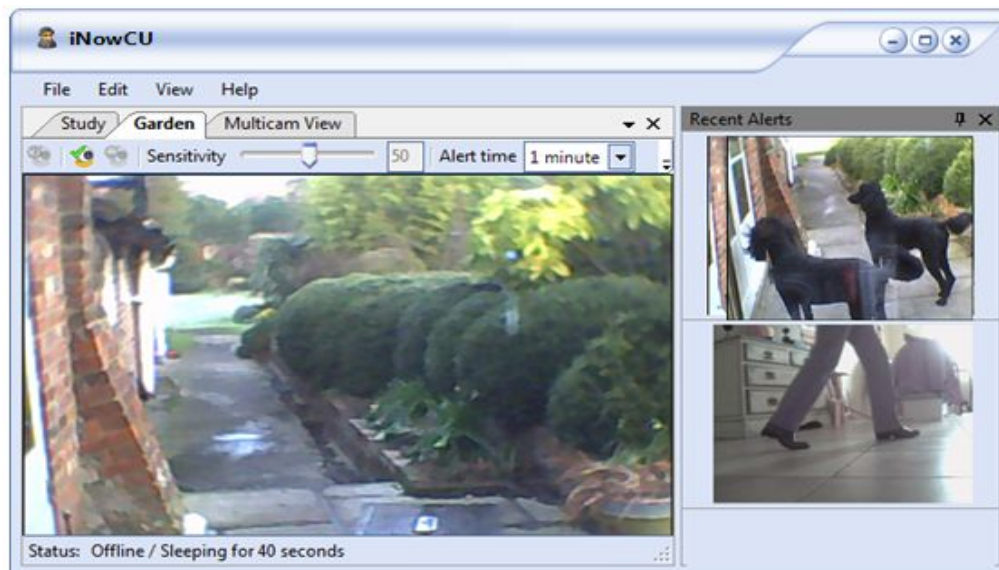
The best thing to do is to play around with the sensitivity and see what movement triggers alerts in the "Recent Alerts window". Then when you have the settings that suit the type of alerts you want to see (for example large objects only moving) then click the  Enable webcam to send alerts toolbar button.

Recent Alerts Window

Once you have started your webcam by clicking the  button, the application will first “sleep” for the time period specified as the “Alert delay”.



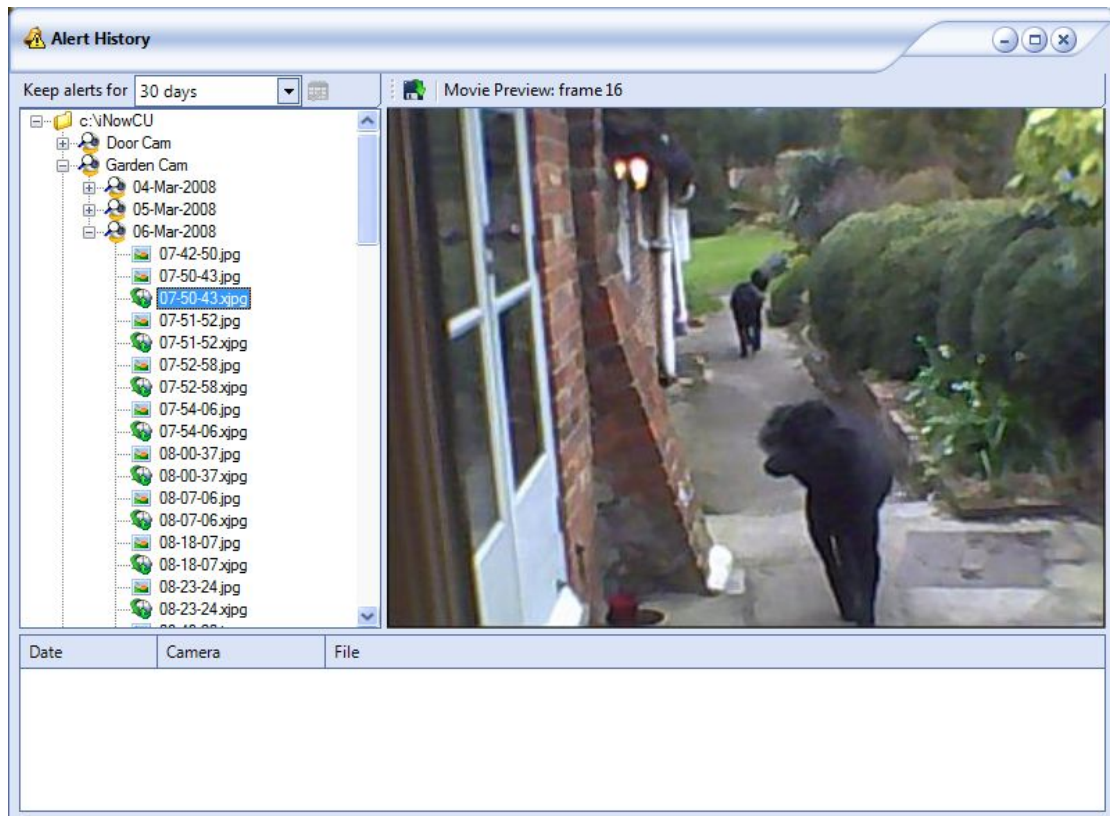
As soon as the Alert delay time has lapsed the application will be in motion detection mode and alerts will start to be displayed.



Alert Image Archives

All detected alerts are also stored on your computer as both a snapshot image and a small movie clip showing the 5 seconds preceding the alert and upto15 seconds after the alert.

To view previous alerts use the View | Alert History menu option.



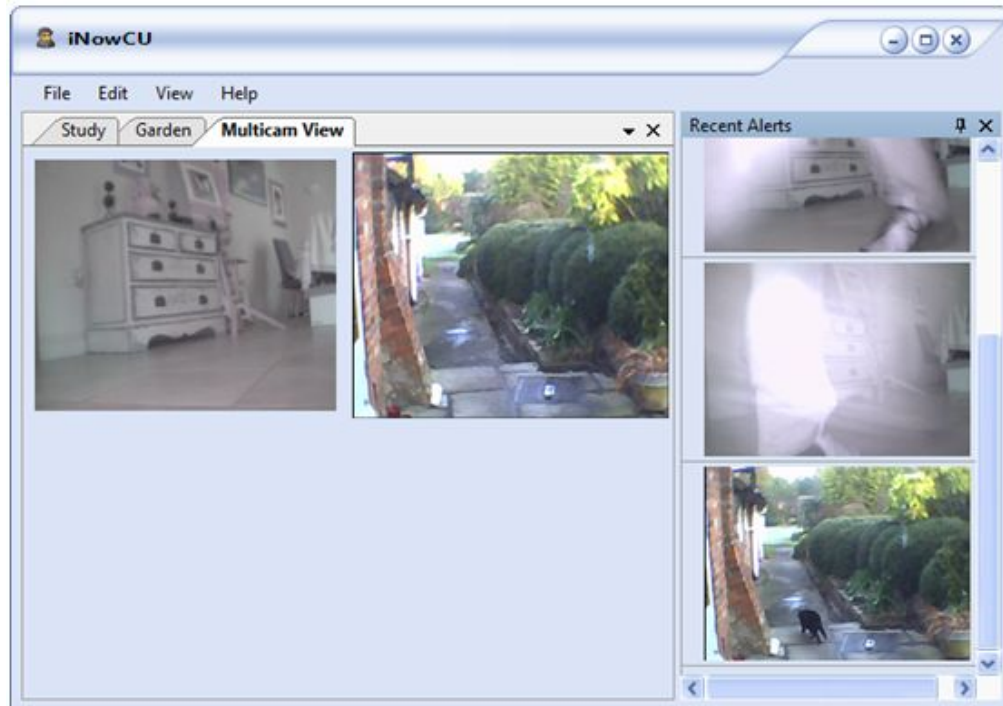
The Alert History window has three panels.

- File system view
- Alert Image/Movie preview – displays the selected file
- Recent alerts – shows a list of alerts that have occurred whilst the application is running.

Multicam View

If you have more than one webcam connected to your PC an additional tabbed window will appear as shown below.

The Multicam view supports up to four webcams.



General Settings

To configure additional settings use the Edit | Settings menu option.

Application options

Automatically connect to cams on start up	Select this option so that your webcams automatically go into detection mode when you start the application
Run in Taskbar when minimized	Select this option if you want the application to run in the background
Save Window Size and Location	Select this option if you want the application to start with the same size and location.

Other options

Archive / Persistence	Use the option to select how many days archived images and alert videos will be stored on your computer.
Email	Use these options if you want to receive image or movie clip email alerts.

Advanced options



Record for	Use the option to set the duration that iNowCU records video for after an alert has been triggered. <i>Please note email alerts containing a movie clip will be limited to 15 seconds..</i>
Location	Use this option to change the alerts directory on your computer.

Support and Feedback

Please send any support questions or comments to Inca X Mobile at

livemedia@ix-m.com

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