

# ISIS DVR SYSTEM

version 4.1.1.0



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**Appendix 1**  
**POS DVR**

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1.1.1 Parts

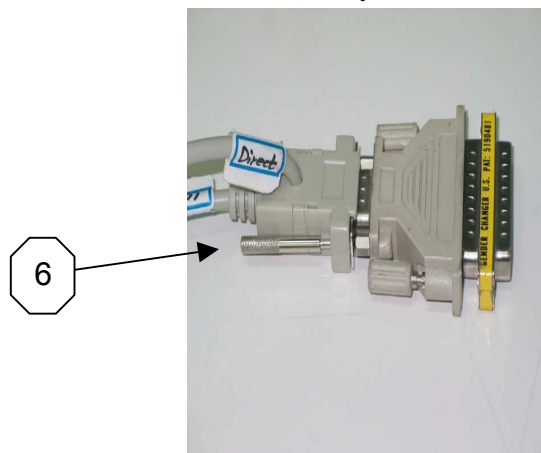
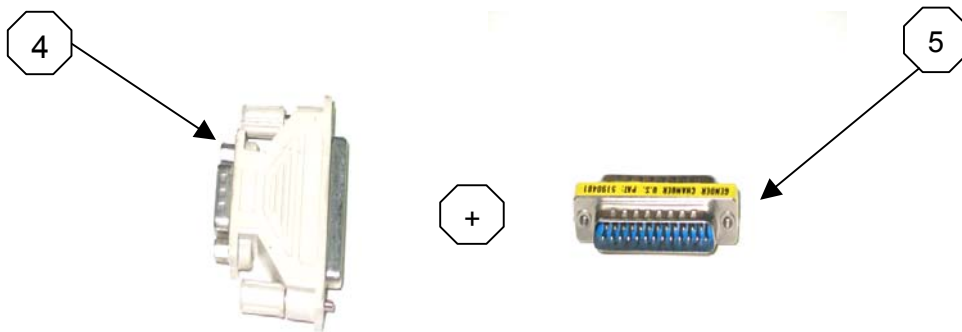
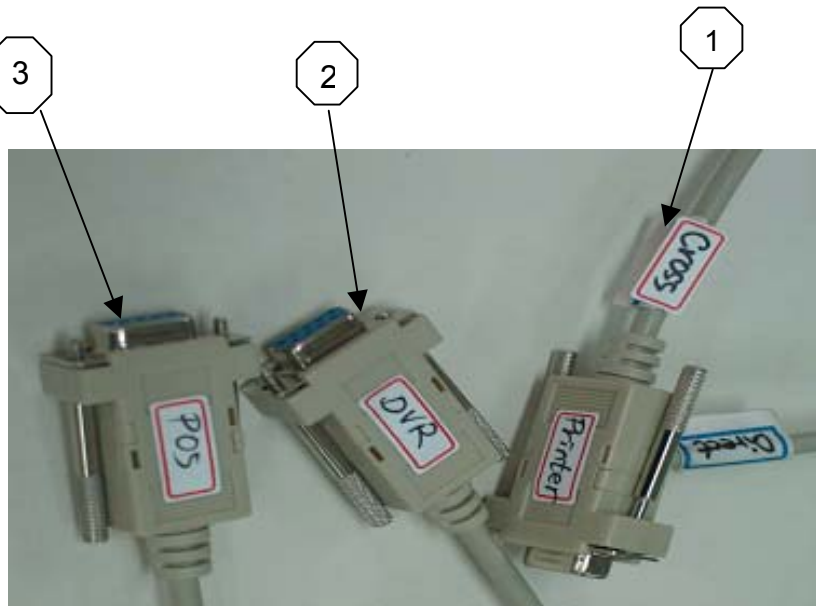
1.1.2 Installation

1.2 Software Installation

1.2.1 Installation & Setup

## 1.1 Hardware Installation

### 1.1.1. Parts



## Part Names

1. RS232 Serial Cables (Cross & Direct)
2. RS232 Serial Cable
3. RS232 Serial Cable
4. RS232 Serial Converter (9 pins into 25 pins)
5. Gender Changer
6. #1 + #4 + #5
7. DVR
8. POS Printer
9. Point of Sales (POS)



7



8



9

### 1.1.2 Installation

Part # 2 goes into  
COM Port 1 of Part # 7.



Part # 1 goes into  
Serial Port of Part # 8.



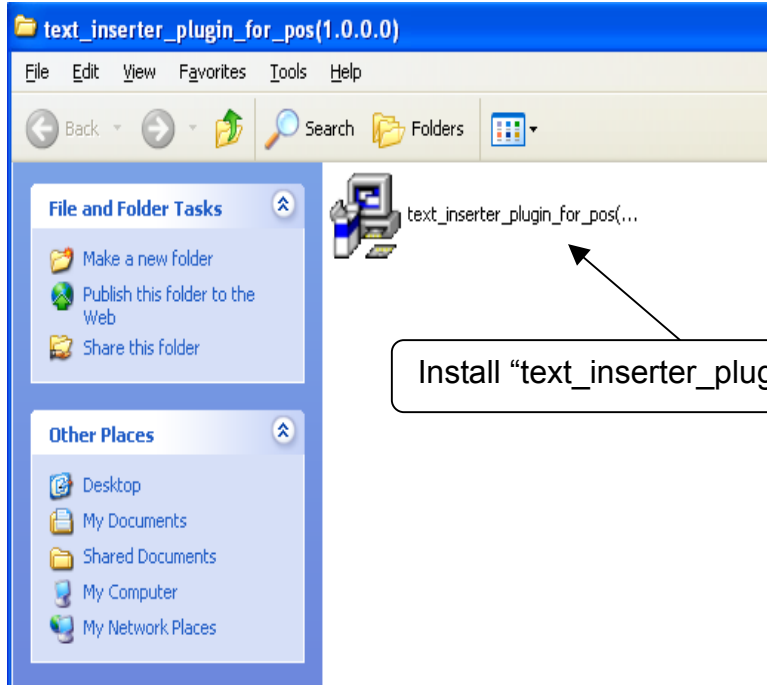
Part # 3 goes into  
Serial Port of Part # 9.





## 1.2 Software Installation

### 1.2.1 Installation & Setup



Install "text\_inserter\_plugin\_for\_pos" on DVR Server.



Click "Next" to start.

**Text Inserter PlugIn for POS**

Select Installation method.



**Typical Installation**

It will be installed at C:\dvr.plugins\posti folder with predefined common way.

**Custom Installation**

With this option, you can select explicit software modules to install

Select "Typical Installation" for automatic installation.

< Back   Next >   Cancel

**Properties**

Device Connection   Text Filter   About...

Specify the serial port connected to each POS machine.

<input checked="" type="checkbox"/> Channel 1 : COM1	...	<input type="checkbox"/> Channel 9 : COM9	...
<input type="checkbox"/> Channel 2 : COM2	...	<input type="checkbox"/> Channel 10 : COM10	...
<input type="checkbox"/> Channel 3 : COM3	...	<input type="checkbox"/> Channel 11 : COM11	...
<input type="checkbox"/> Channel 4 : COM4	...	<input type="checkbox"/> Channel 12 : COM12	...
<input type="checkbox"/> Channel 5 : COM5	...	<input type="checkbox"/> Channel 13 : COM13	...
<input type="checkbox"/> Channel 6 : COM6	...	<input type="checkbox"/> Channel 14 : COM14	...
<input type="checkbox"/> Channel 7 : COM7	...	<input type="checkbox"/> Channel 15 : COM15	...
<input type="checkbox"/> Channel 8 : COM8	...	<input type="checkbox"/> Channel 16 : COM16	...

OK   Cancel   Apply

Select camera channels and click the Com Port buttons for serial port configuration.

**Serial Port Configuration**

Port Name: COM1

Baudrate: 9600 bps

Databits: 8

Parity: None

Stopbits: 1

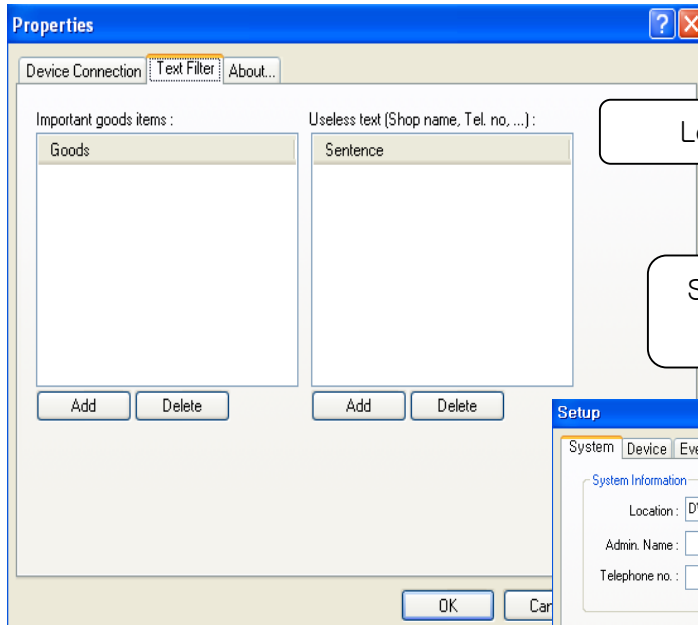
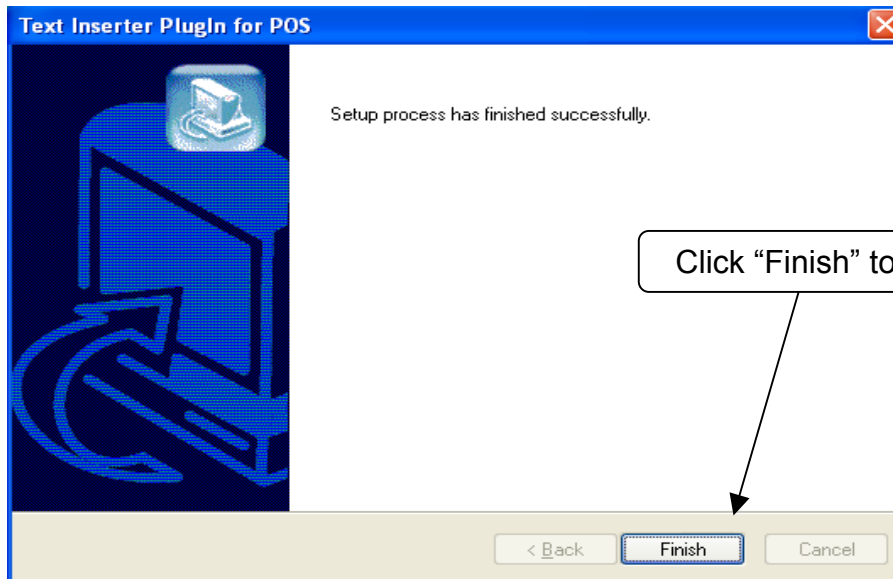
Flow Control:  DTR / DSR  
 RTS / CTS  
 XON / XOFF

OK   Cancel

Make sure to select "COM1" if POS printer is connected to Com Port 1.

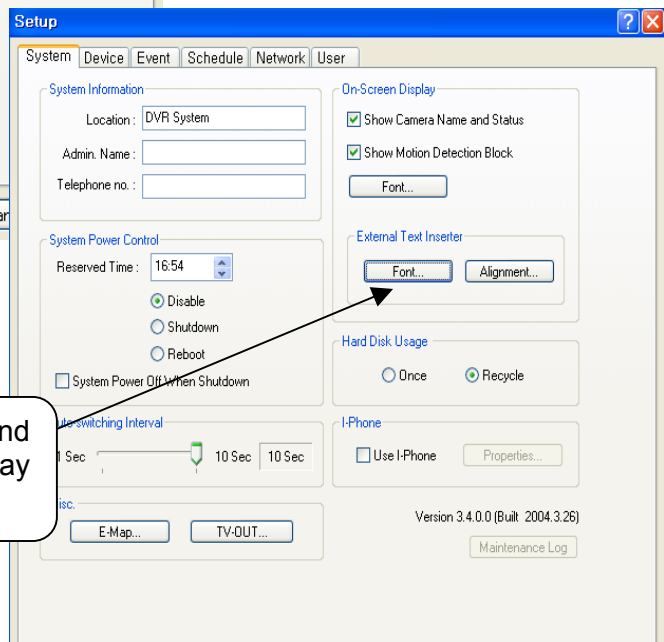
The Baud rate value is normally 9600.





Leave everything else.

Select words to be highlighted and words to be omitted.



Go to "Text Inserter" in the DVR setup and choose different fonts and different display corners.

**Appendix 2**

**I-Phone**

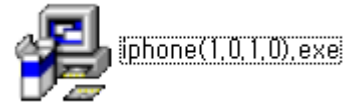
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- 2.1 Installation
- 2.2 Execution
- 2.3 Audio Setup

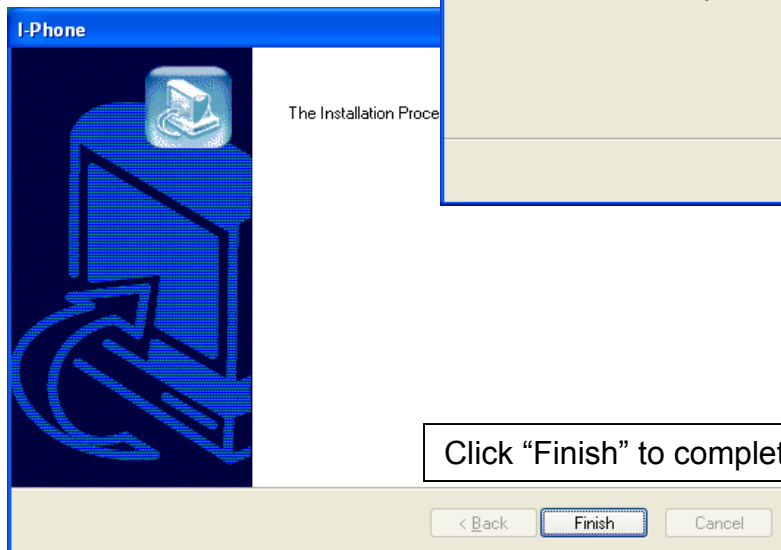
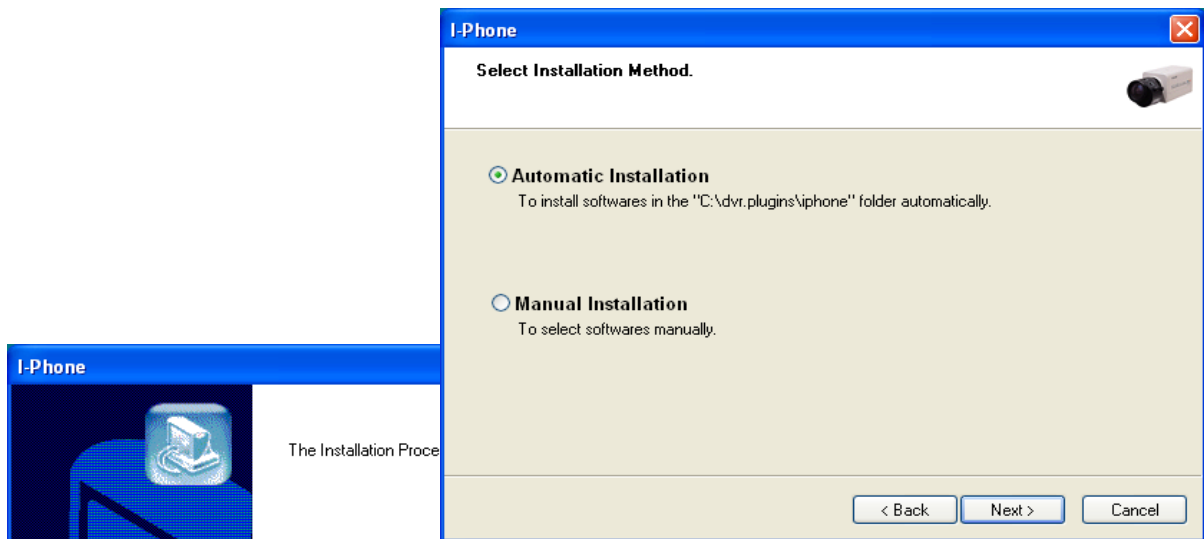
## 2.1 Installation

Any system used for “Two-way Communication” must have static IP and “I-Phone (1.0.1.0).exe” must be installed.

For I-phone installation, double-click on “I-Phone(1.0.1.0)exe”.

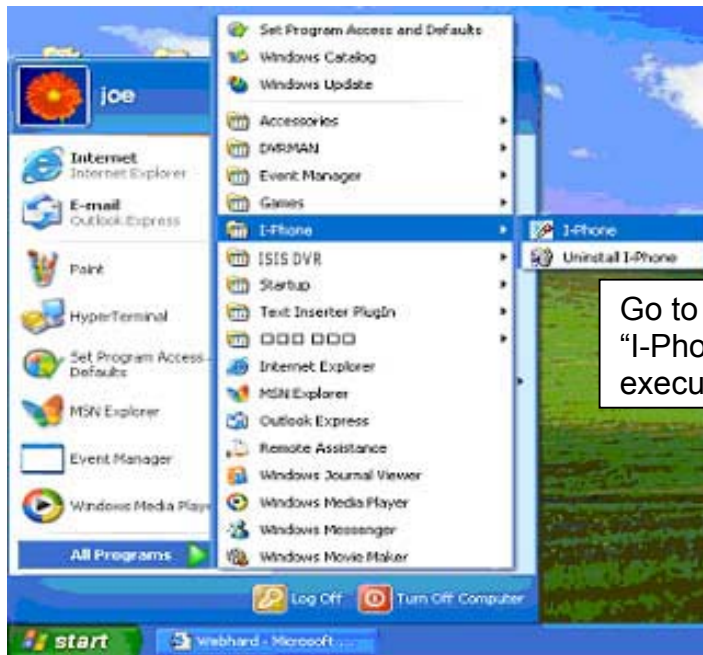


Click “Next” to start installation process and select “Automatic Installation”.

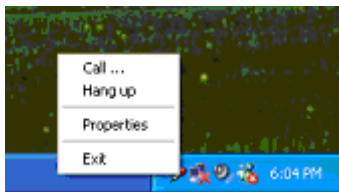


Click “Finish” to complete the process.

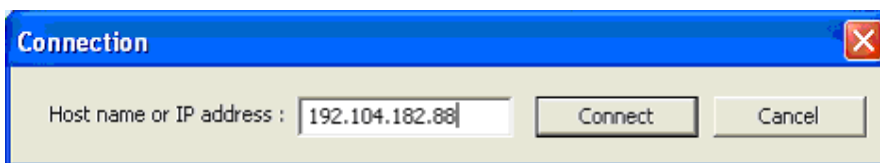
## 2.2 Execution



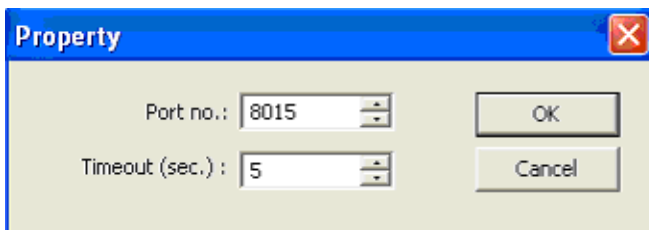
Go to "Start", "All Programs", find "I-Phone" and select it for execution.



Find the I-phone icon at the right bottom and click it for the next step.

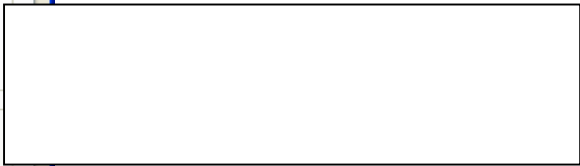
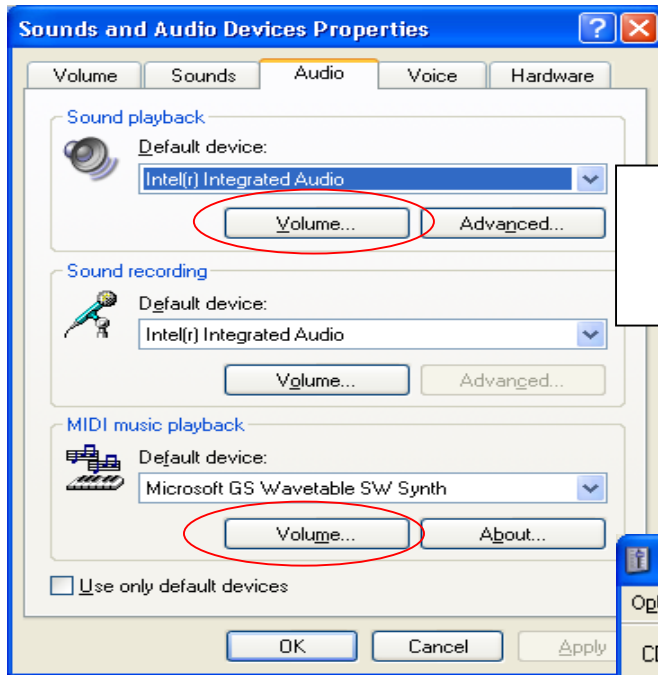
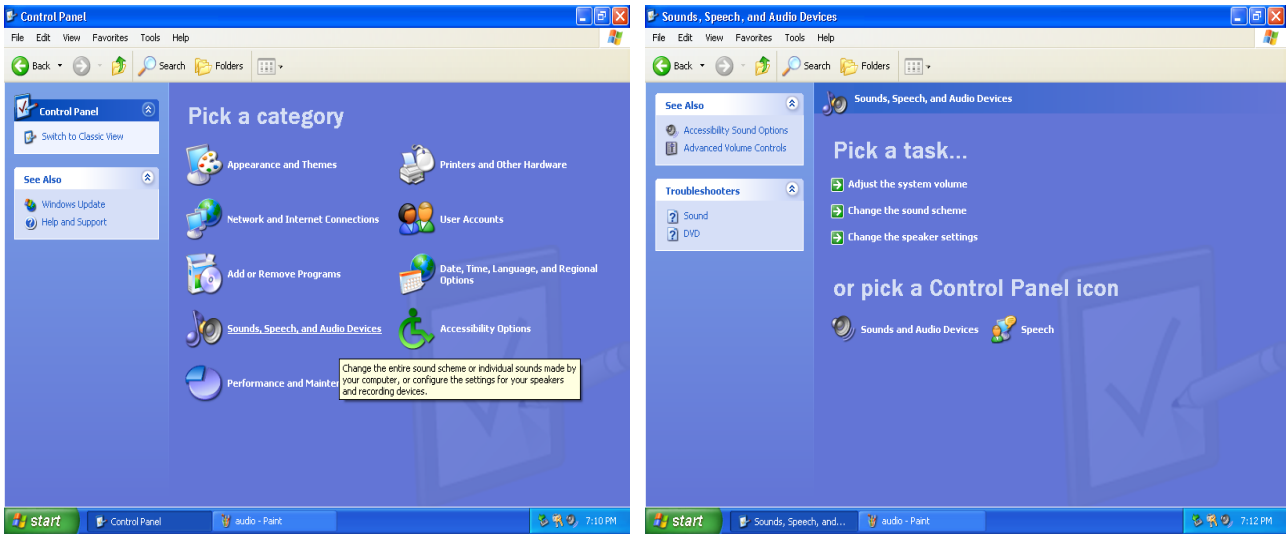


Select "Call for Two-Way Communication", type in IP address and click "Connect".

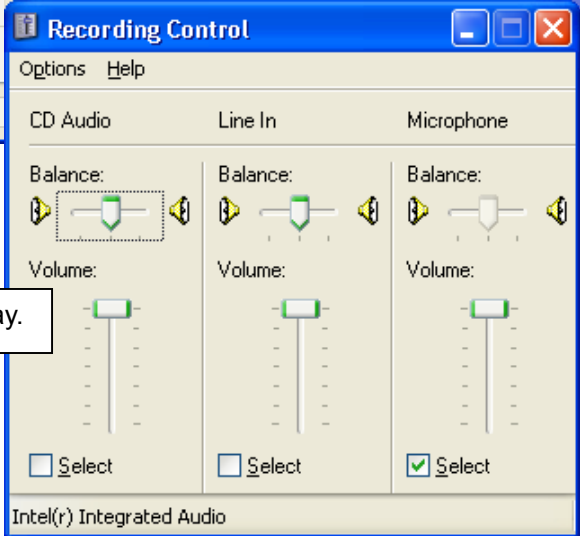


Property: The default port number is 8015 and the default timeout value is 5 seconds. Leave them as they are unless other values must be used.

2.3 Audio Setup



Recording Control should be set up this way.

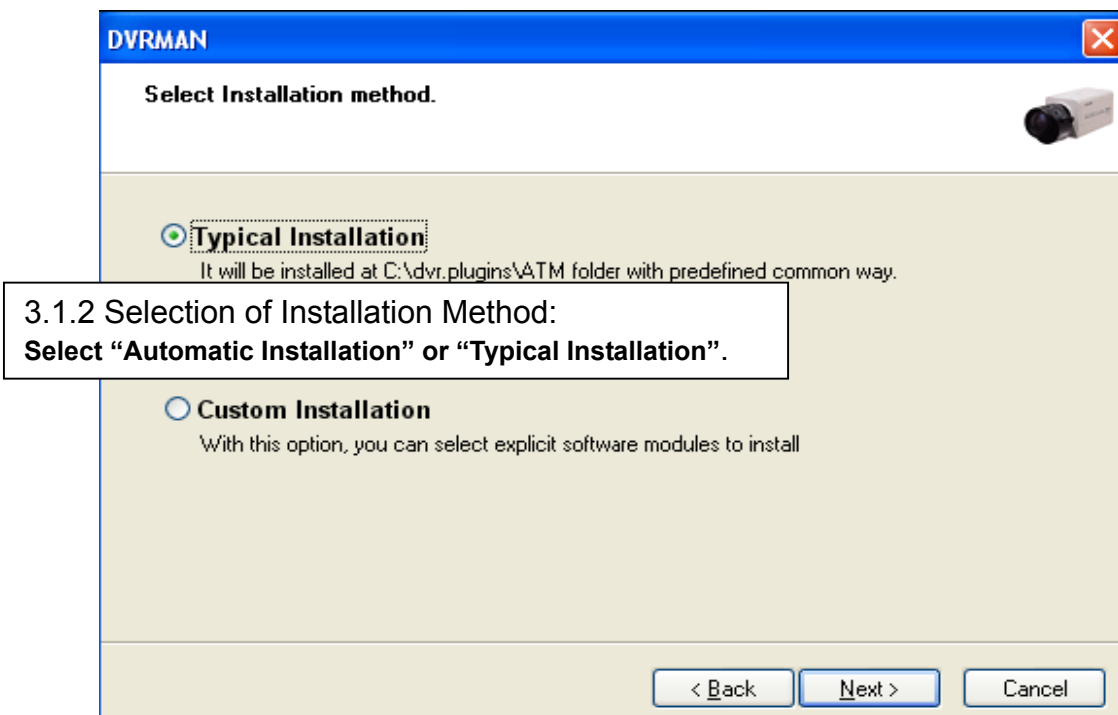


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**DVR Manager**

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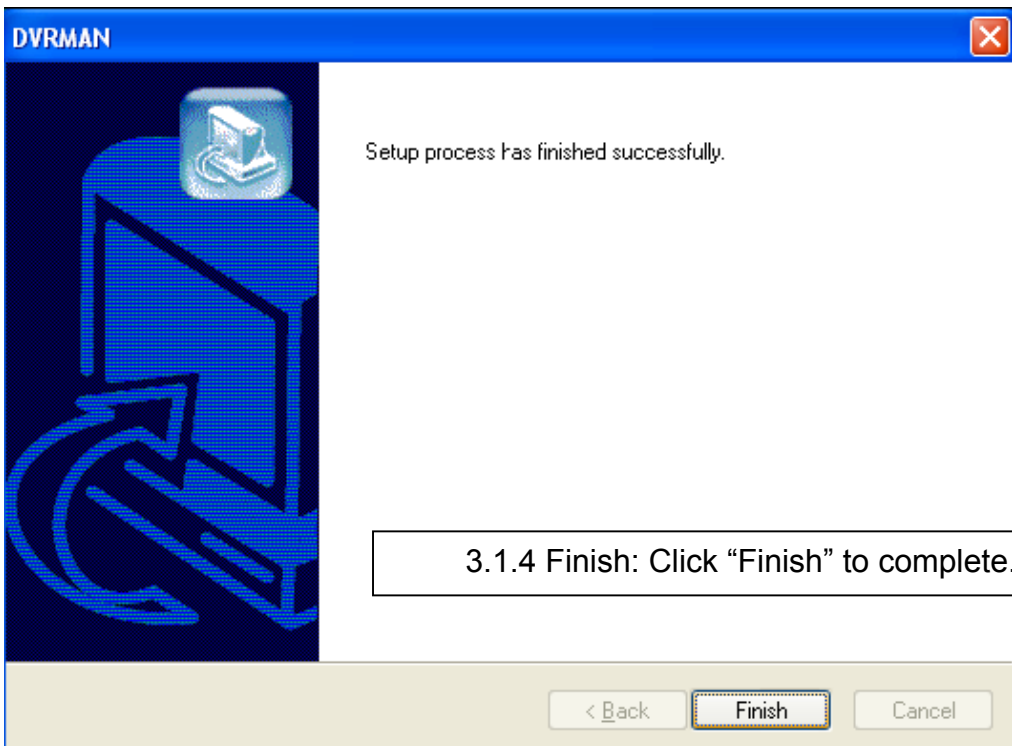
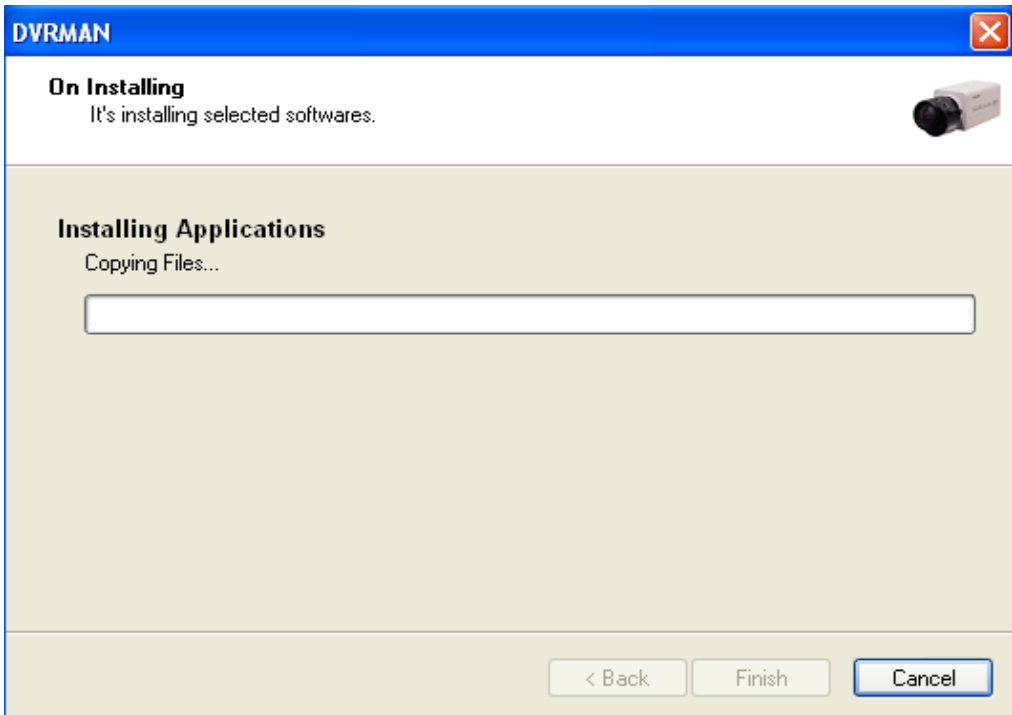
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    - 3.2.1.3 Search
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    - 3.2.2.2 Control
  - 3.2.3 C & S (Central Station)
    - 3.2.3.1 Setup
    - 3.2.3.2 Event
    - 3.2.3.3 E-Map

### 3.1 Installation





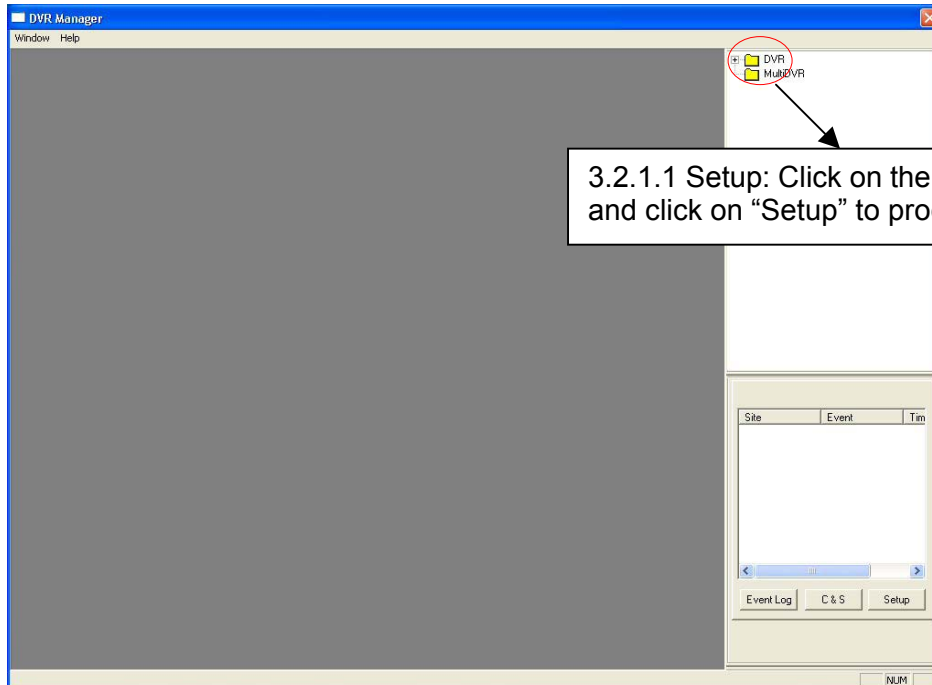
3.1.3 On Installing (copying drivers and files)



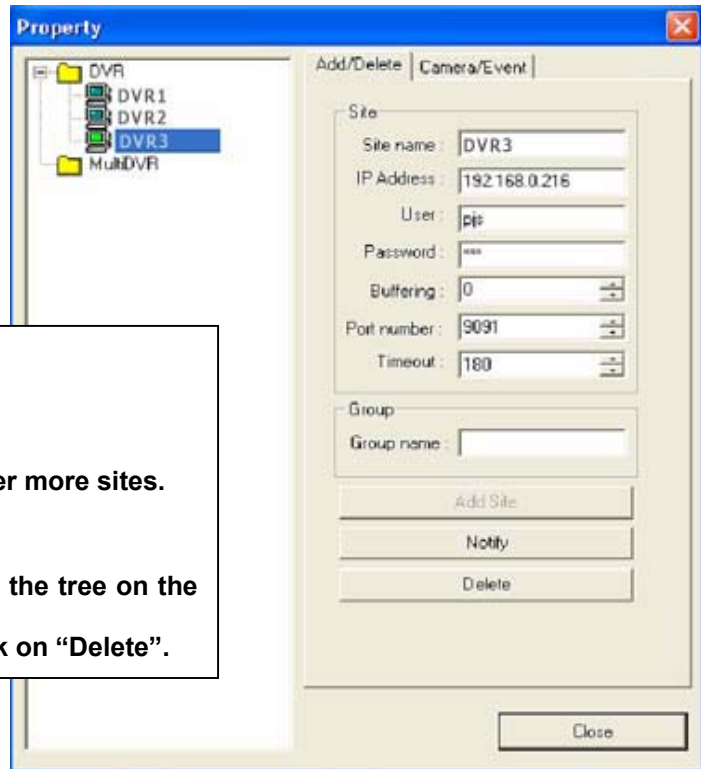
3.1.4 Finish: Click "Finish" to complete.

## 3.2 Execution

### 3.2.1 DVR: It monitors one specific site selected.



3.2.1.1 Setup: Click on the folder, "DVR" and click on "Setup" to proceed.

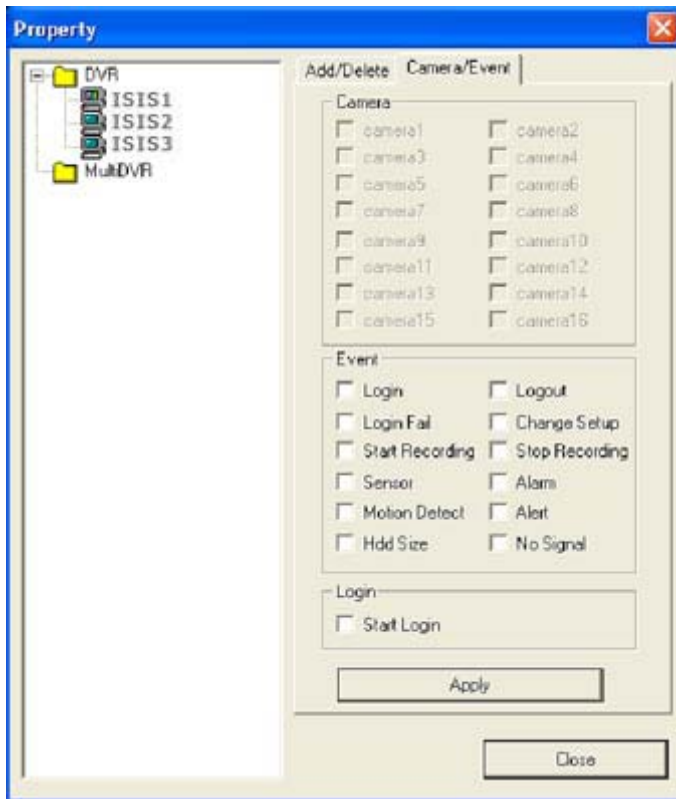


#### Registration Steps:

1. Click on the folder, "DVR".
2. Type in all the required info.
3. Click "Add Site" for completion.
4. Repeat the above steps to register more sites.

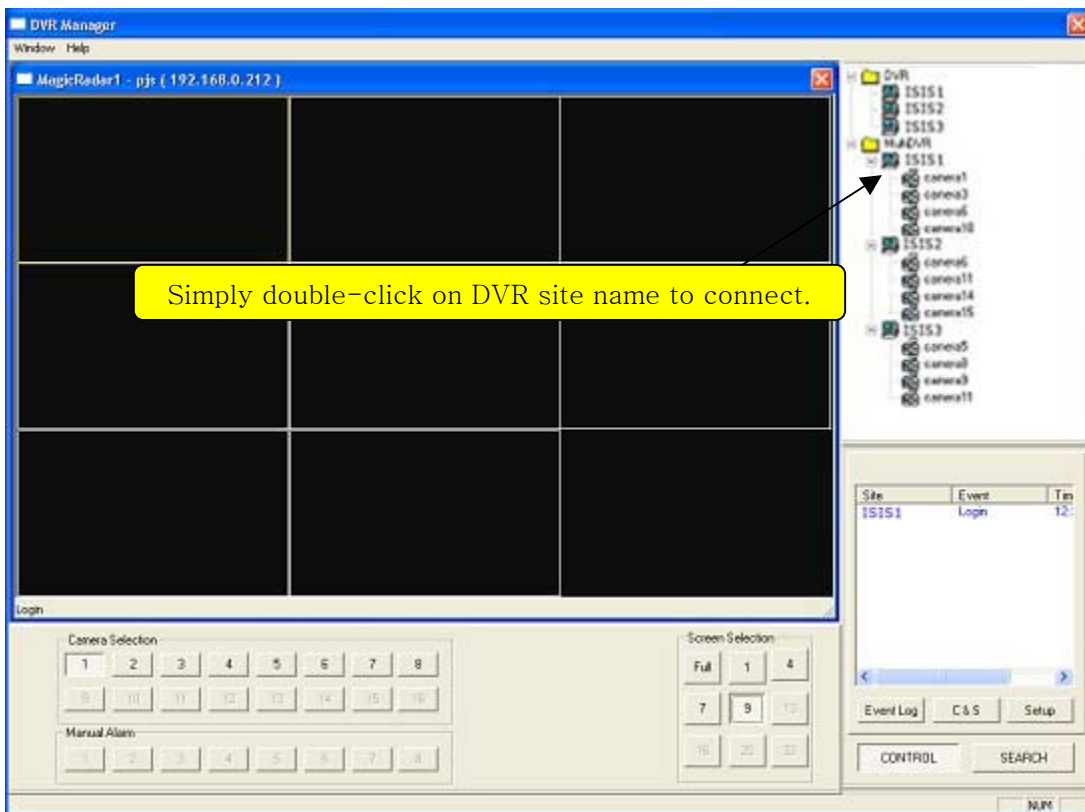
#### Note:

1. To edit a DVR site, select it from the tree on the left, edit it and click on "Notify".
2. To delete a site, select it and click on "Delete".



Checked events will be reported to DVR Manager and recorded in Event Log.

3.2.1.2 Control



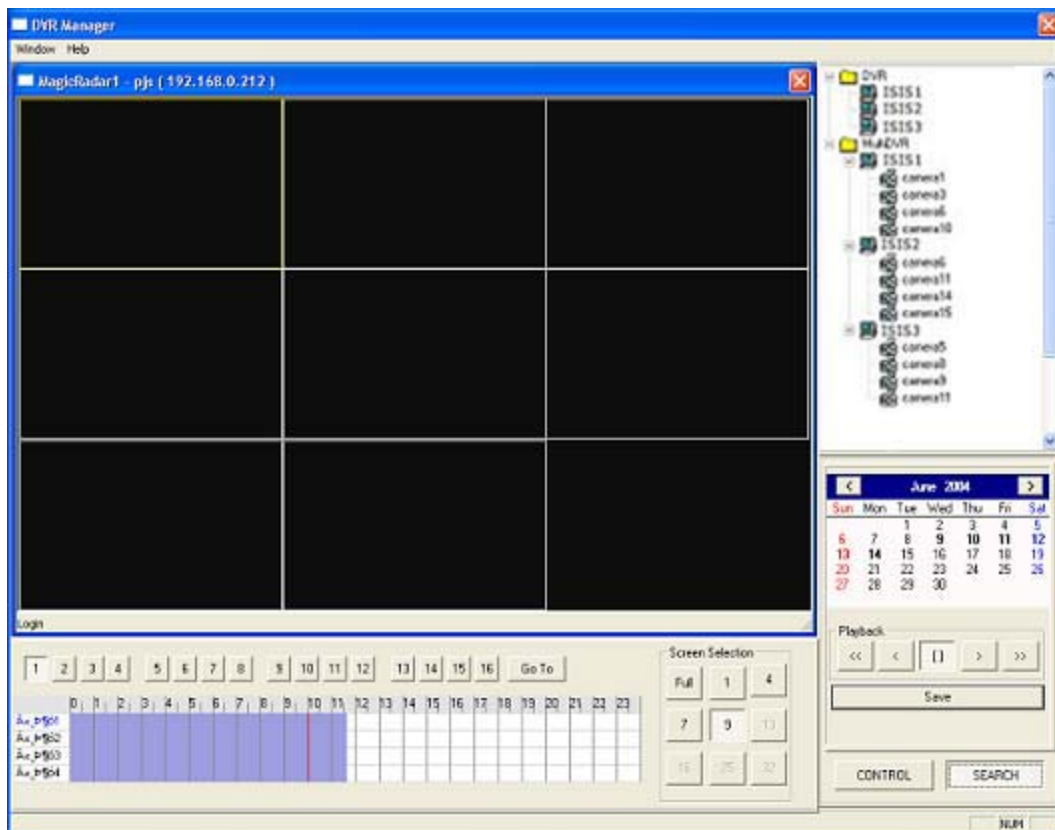
Event Log

**Manual Alarm**

- Steps
- 1. Set alarms on DVR Server.
- 2. Monitor on DVR Manager.
- 3. Detect event.
- 4. Click alarm button.



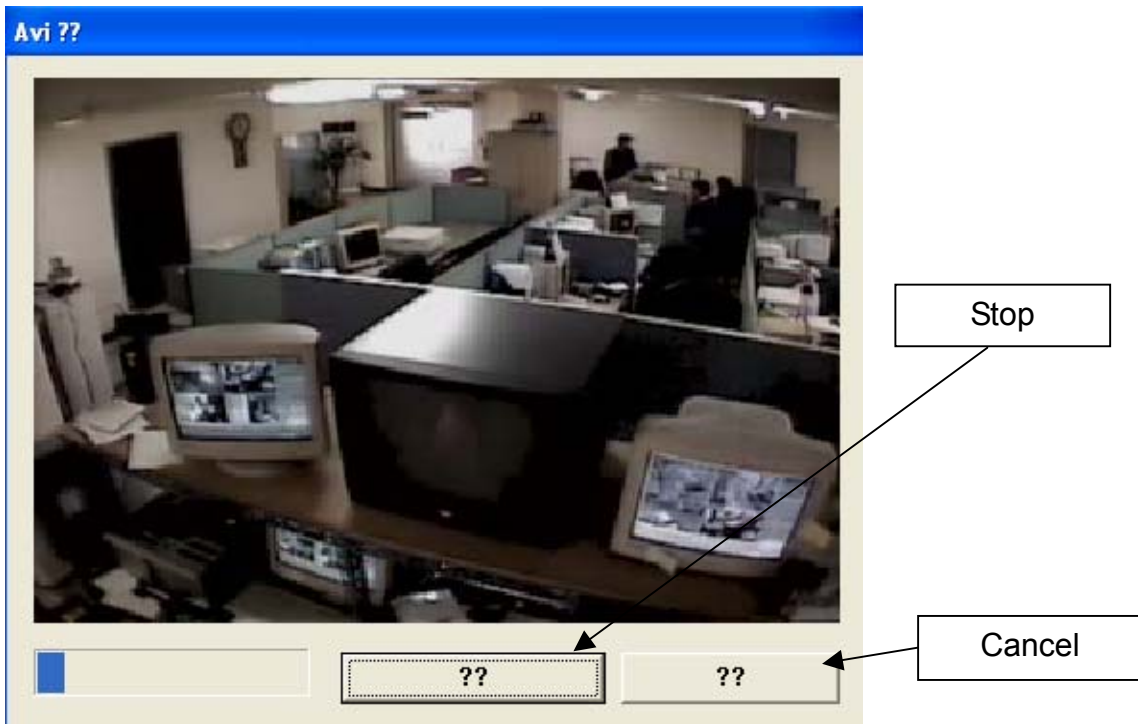
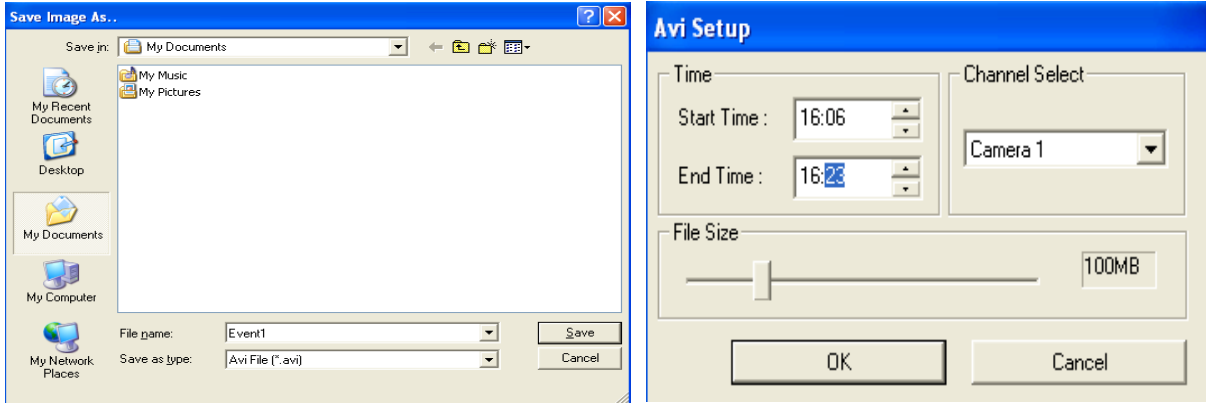
3.2.1.3 Search



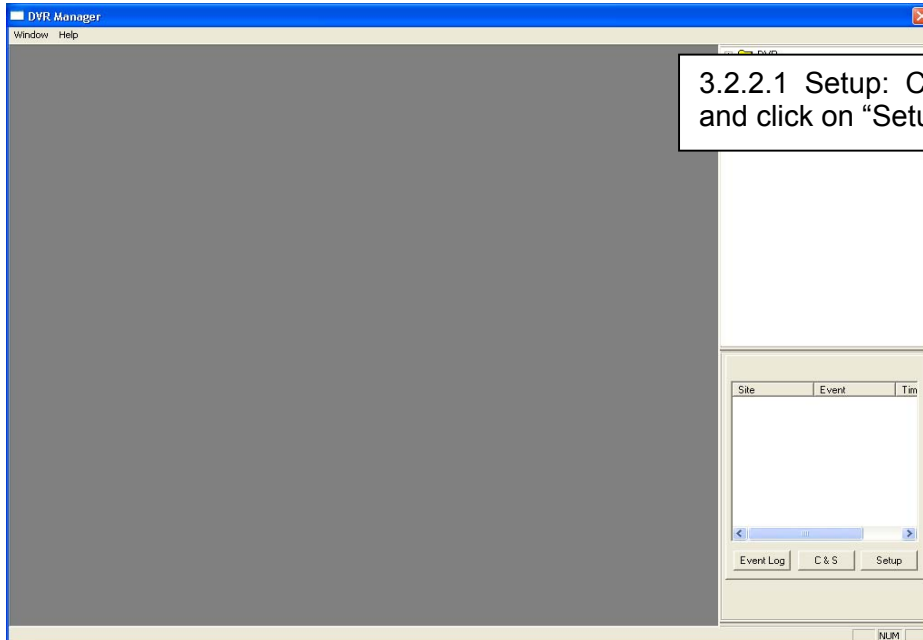
**Search Steps:**

1. Select a DVR site from the tree at the top right for playback.
2. Select a date from the calendar.
3. Select time to be searched either by clicking on the time bar or by using "Go To".

Saving in AVI File Format



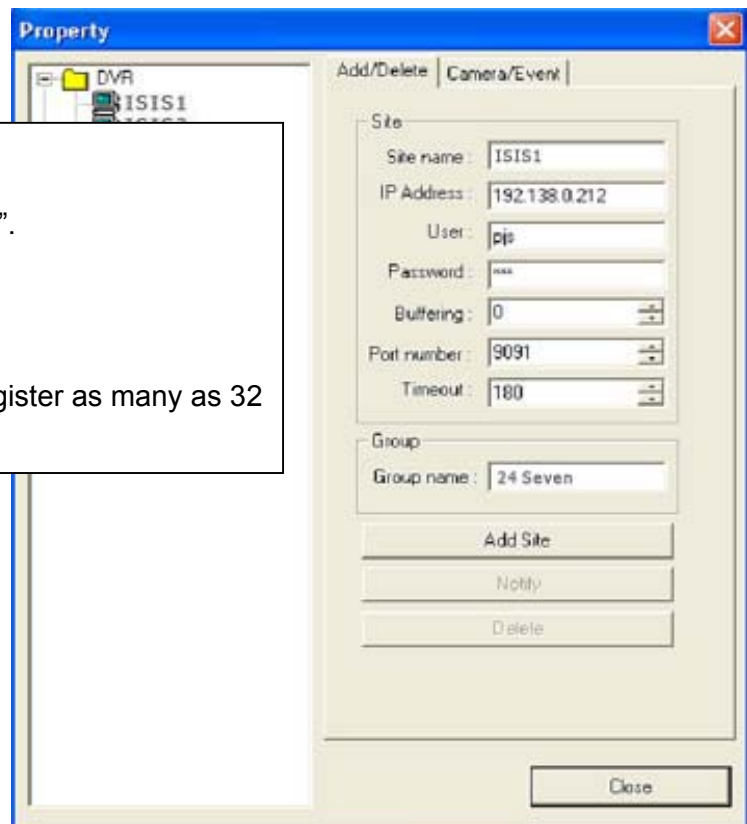
3.2.2 MultiDVR: It monitors as many as 32 cameras from different DVR sites.

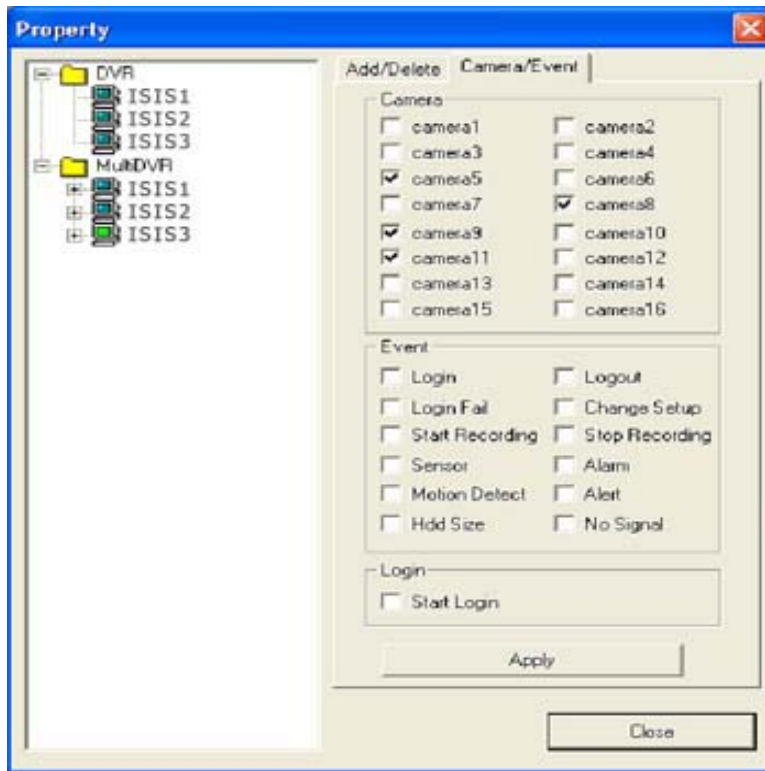


3.2.2.1 Setup: Click on the folder, "DVR" and click on "Setup" to proceed.

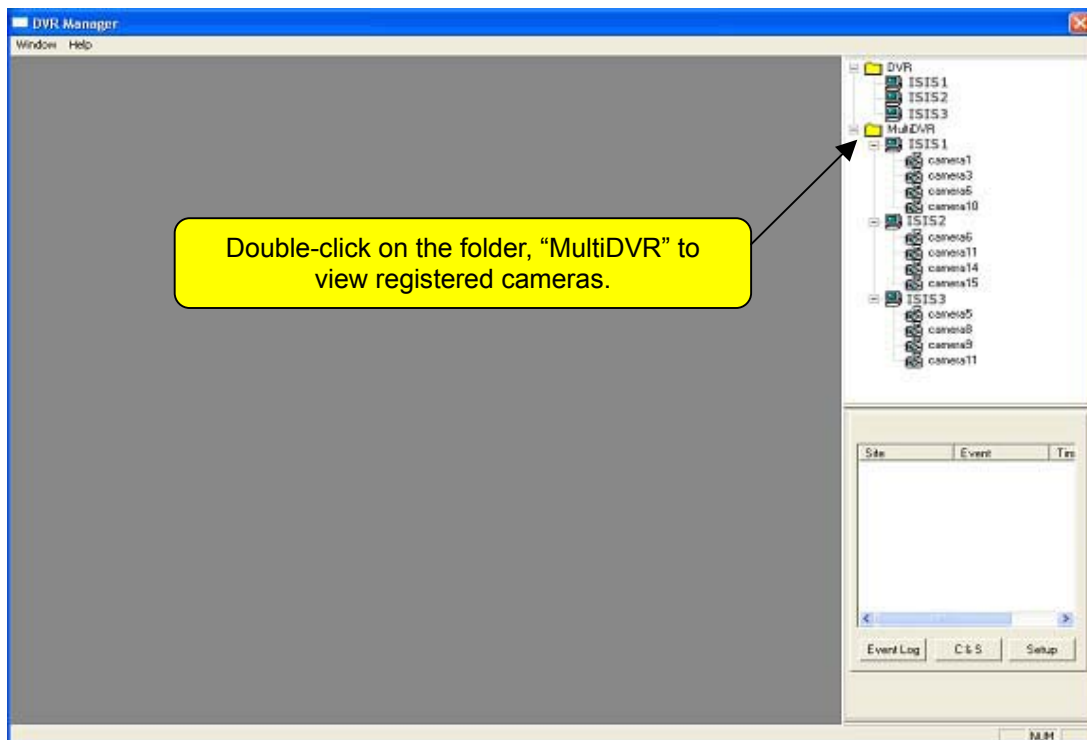
**Registration Steps:**

1. Click on the folder, "MultiDVR".
2. Type in all the required info.
3. Click on "Camera/Event".
4. Select cameras to monitor.
5. Click on "Apply".
6. Repeat the above steps to register as many as 32 cameras.





3.2.2.2 Control



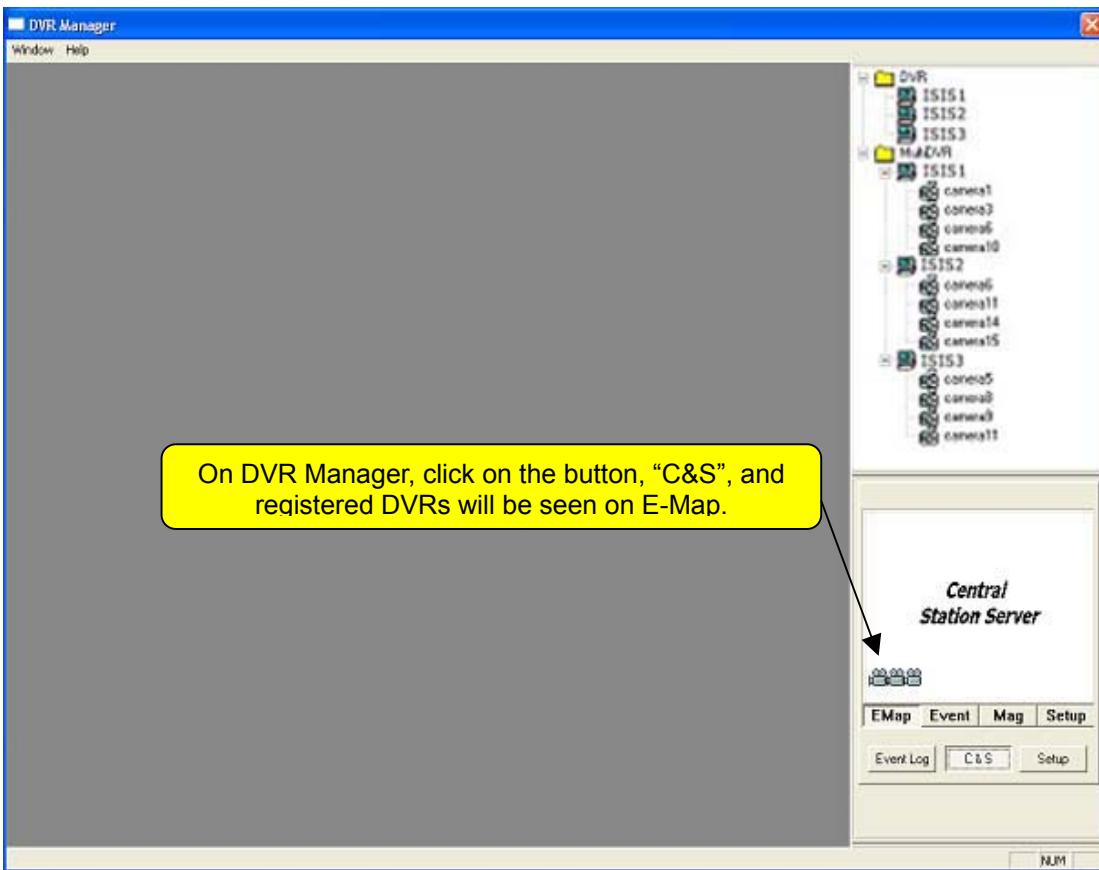


3.2.3 C & S (Central Station):  
It manages events received from numerous DVR sites.

3.2.3.1 Setup



On each DVR server, go to "Setup/Network" and check the box next to "Central Station" Then, type in the IP address of DVR Manager and select events to report.

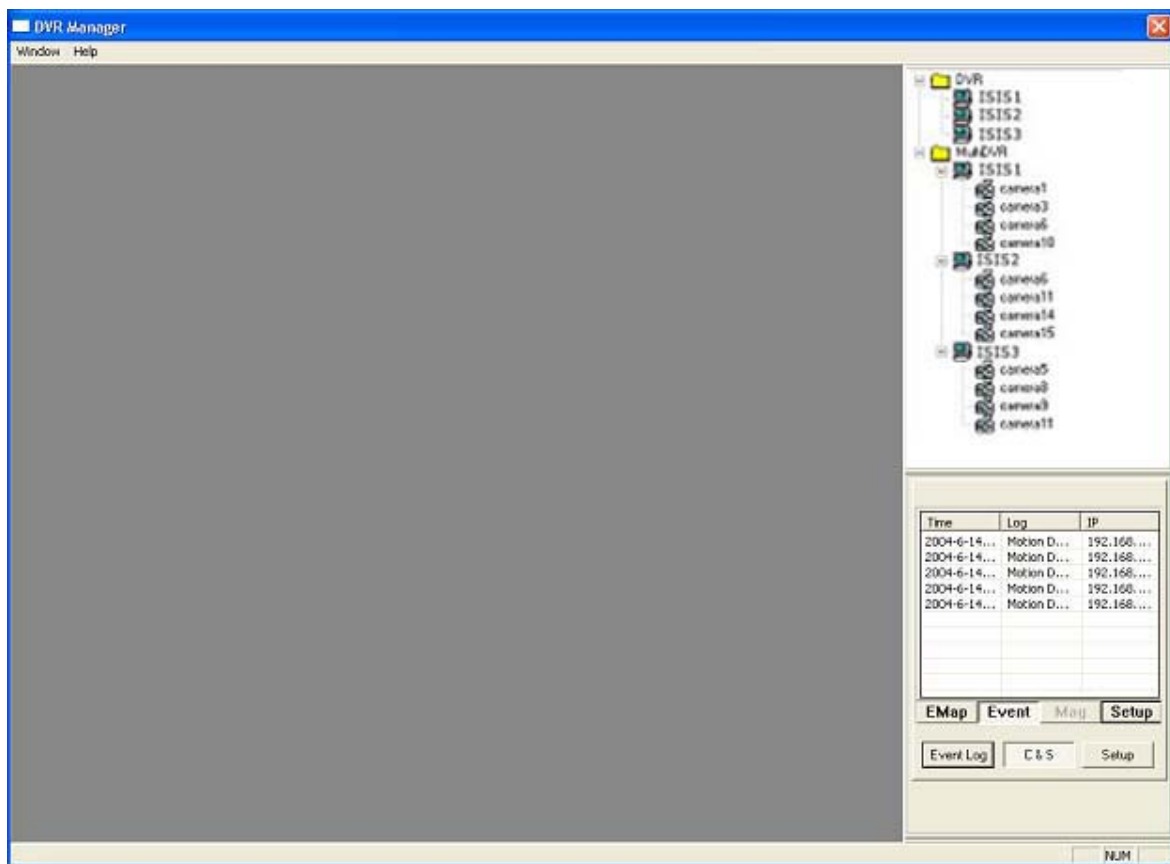


On DVR Manager, click on the button, "C&S", and registered DVRs will be seen on E-Map.



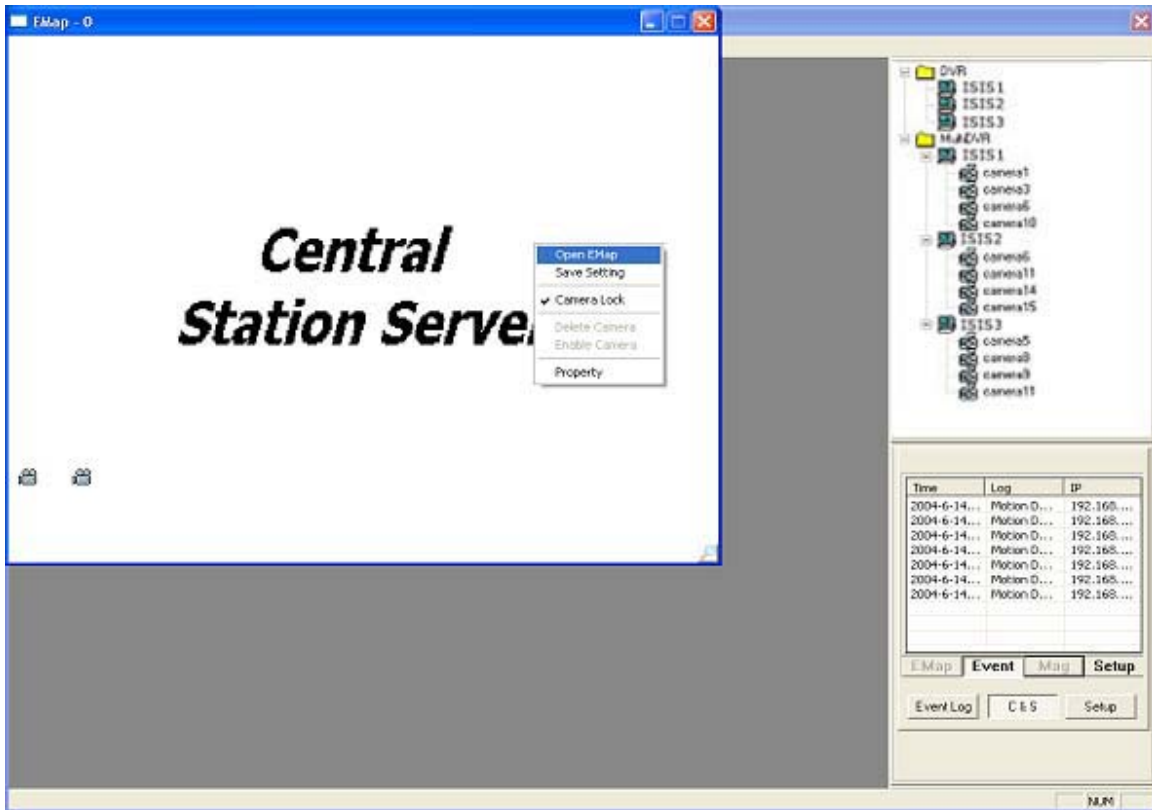
Click on "Setup" for port setup. The default value, 9100 is good to use in all cases.

### 3.2.3.2 Event

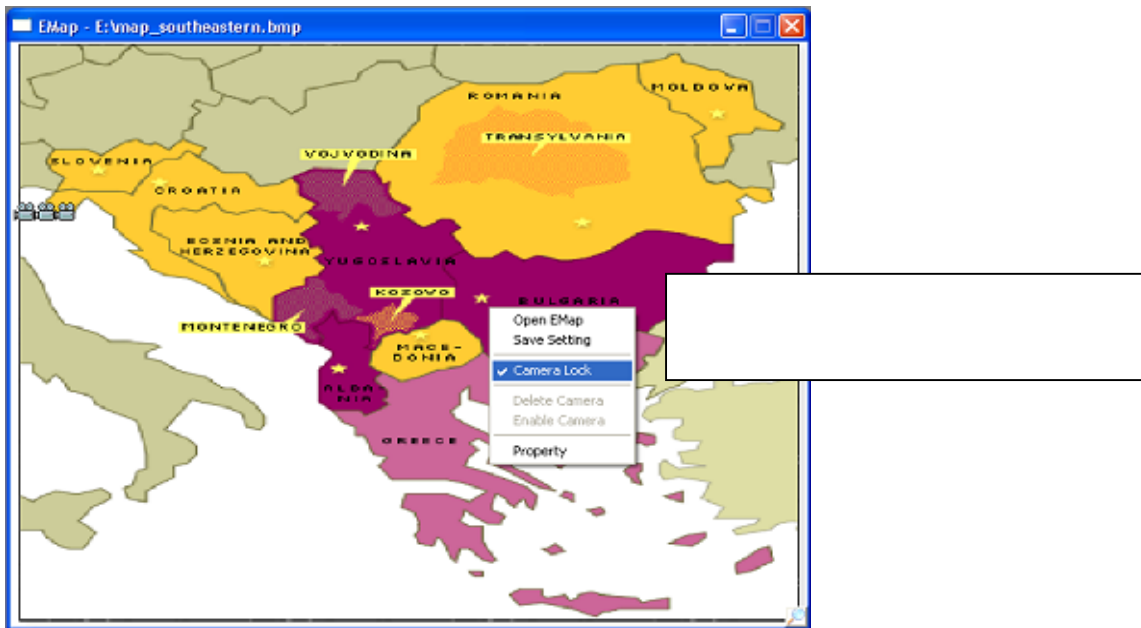


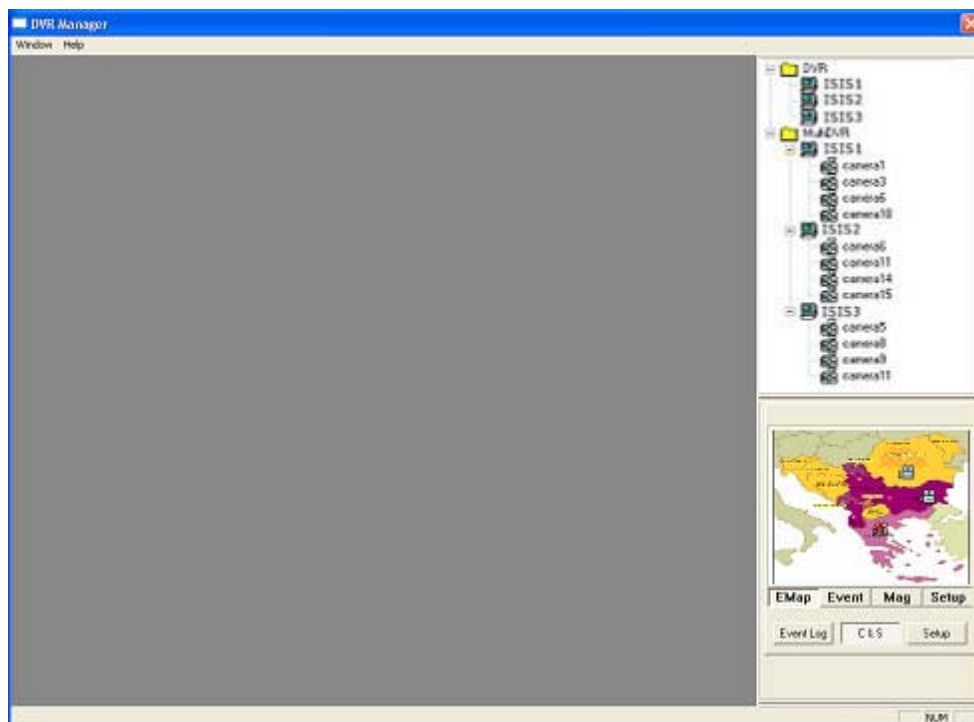
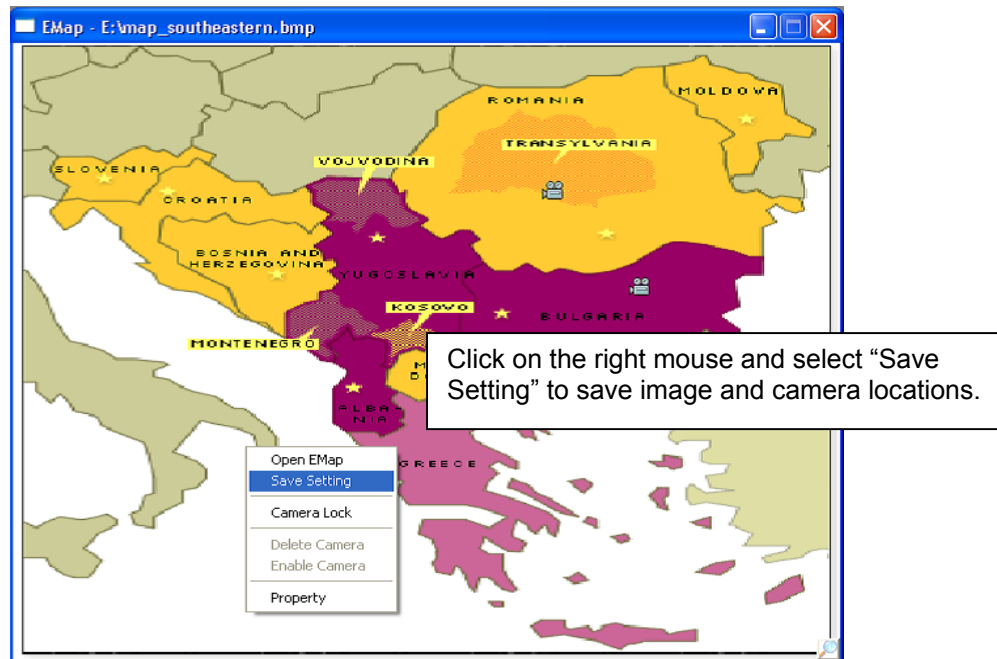
"Event" displays all the events coming in from registered DVRs. Double-click on event to go to DVR server.

3.2.3.3 E-Map



Click on “Mag” to configure E-Map. To create an E-Map image, click on the right mouse and select “Open E-Map”. Only BMP file can be in use.





After configuration, selected E-Map image and all DVR sites at selected locations can be viewed. To visit a certain DVR site using E-Map, click on "Mag" and double-click on the site (camera-shaped symbol). Any DVRs (cameras) blinking in red and blue have events happening.

Restricting incoming events and receiving only desired events can be done regardless of DVR setup. On E-Map, click on the right mouse and select "Property". Only checked events will be reported to C&S. Click on "All Apply" to give the same conditions to all the rest of the DVR sites.

