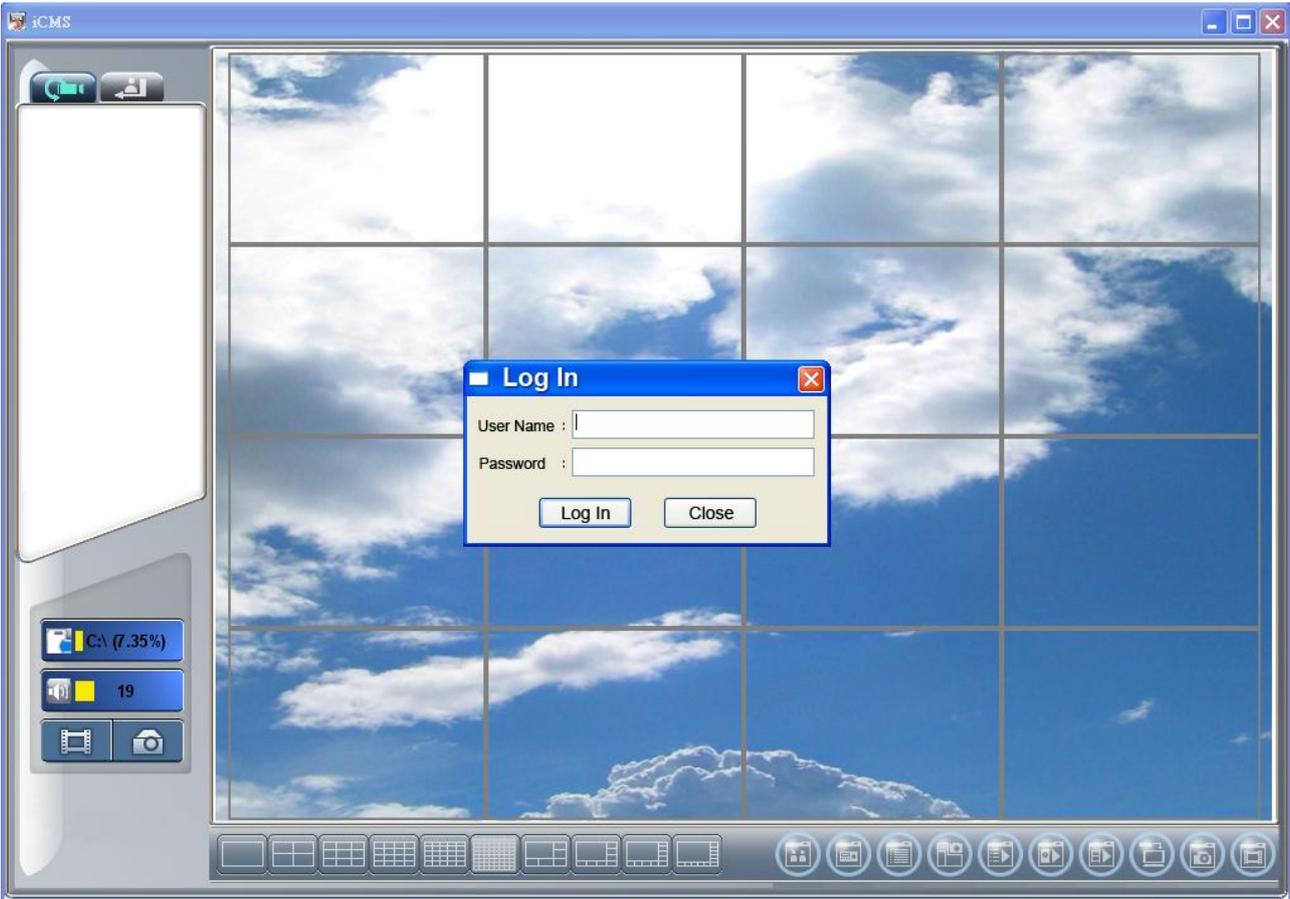
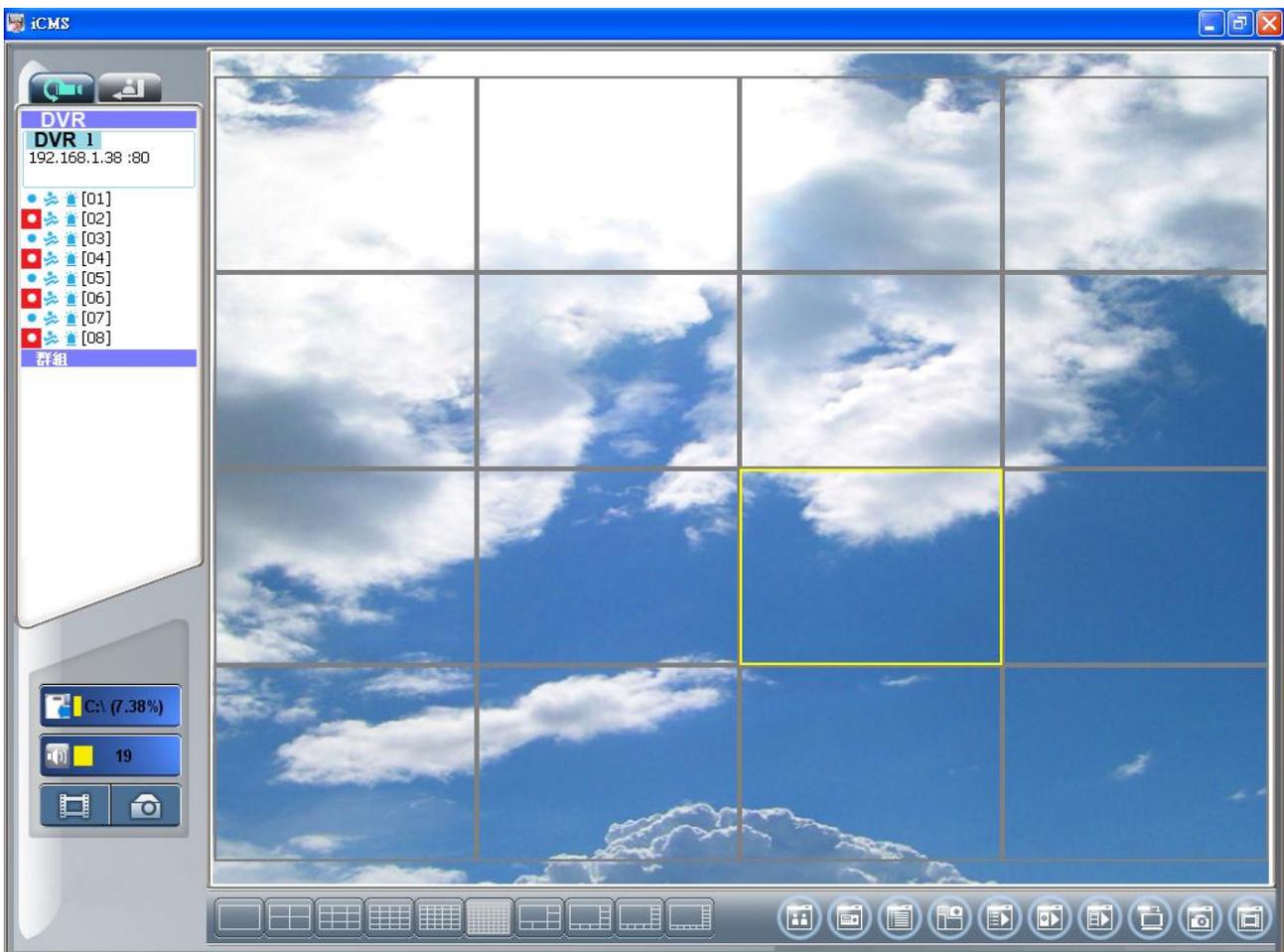


How to use IVS

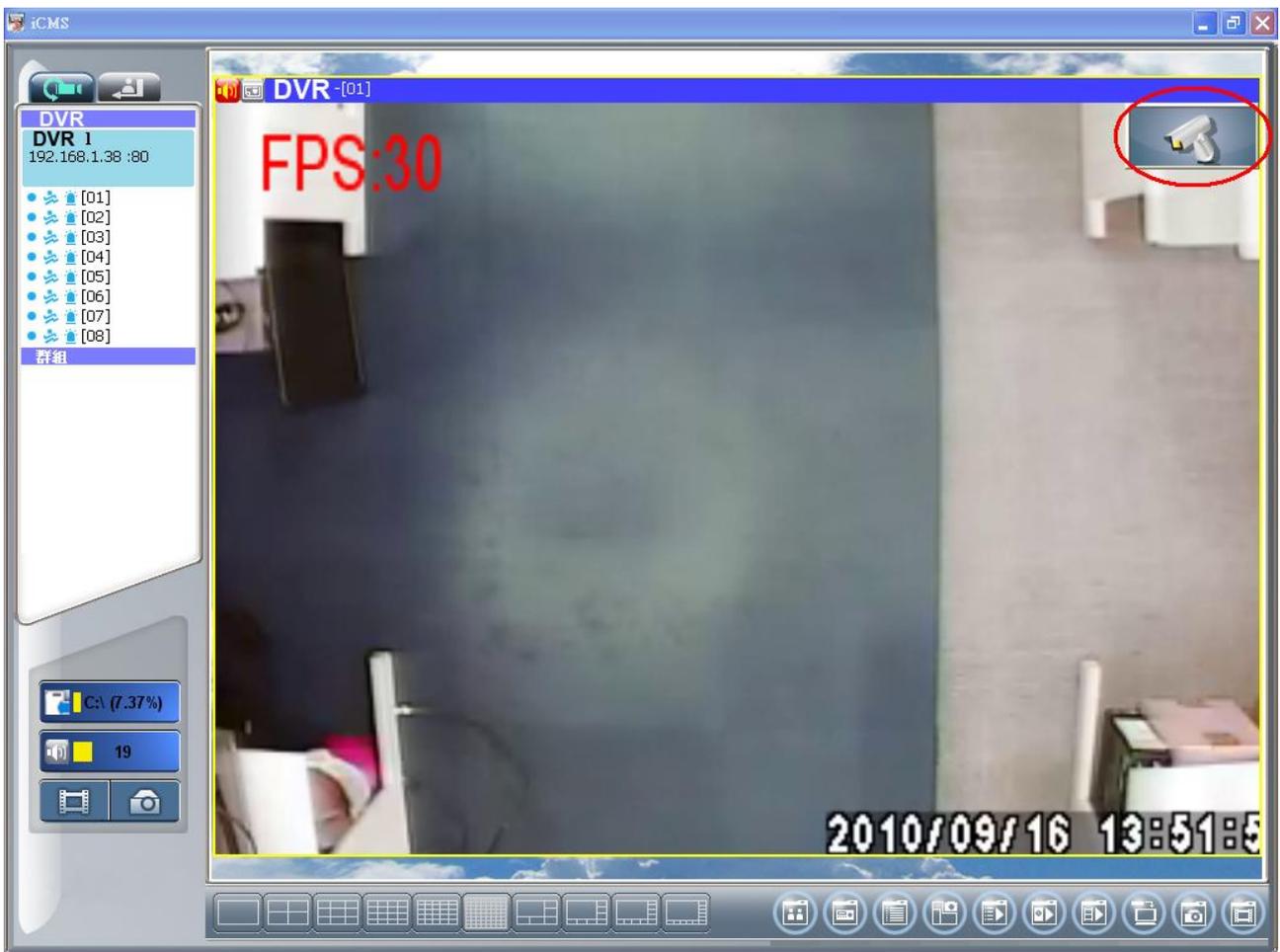
1. Log in CMS system with user account "admin" and password "123456"



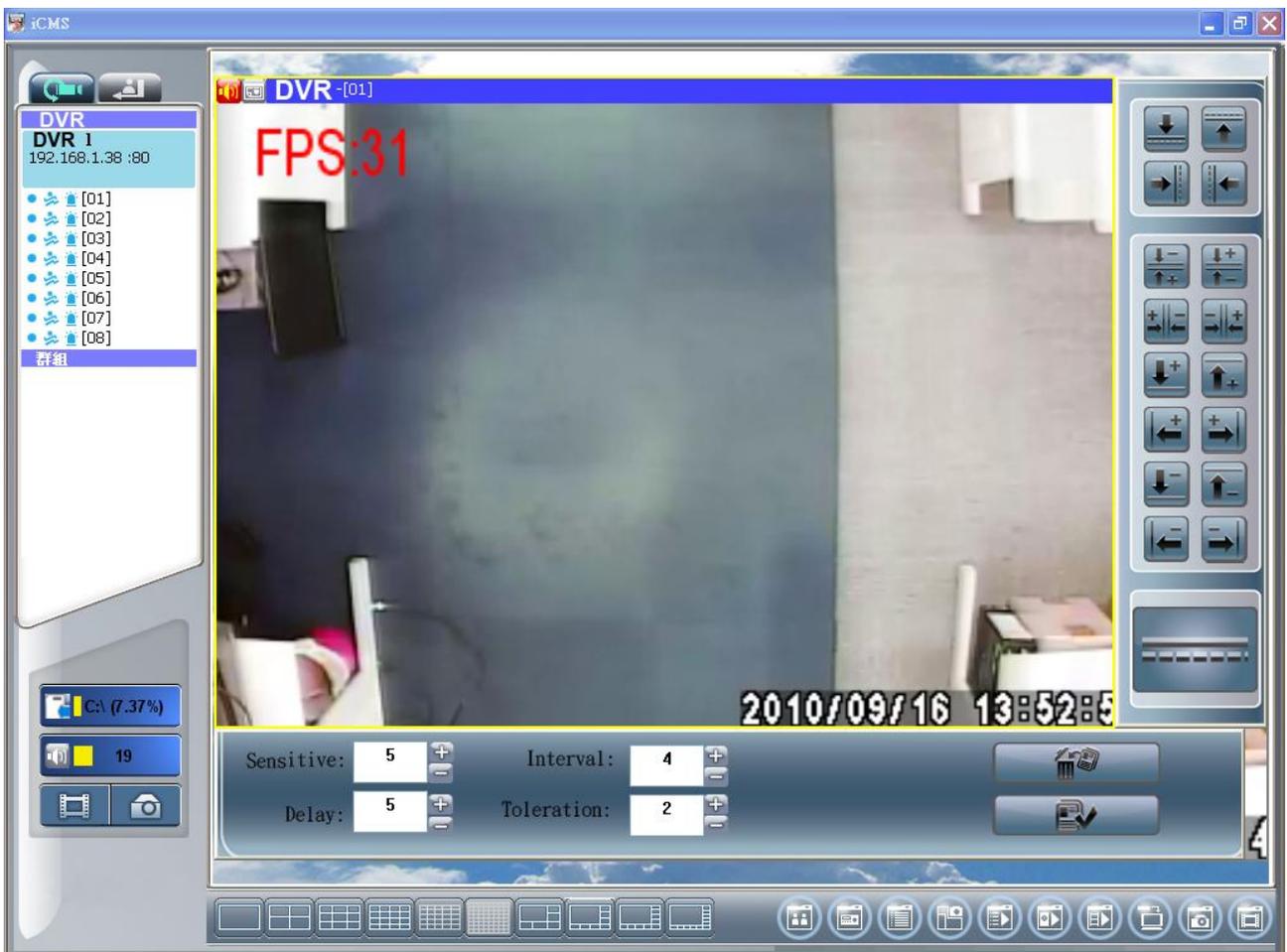
2. After log in, appears following screen:



3. Select the channel you need, click the camera in red circle, active IVS system.

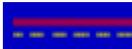


4. IVS system screen appears.

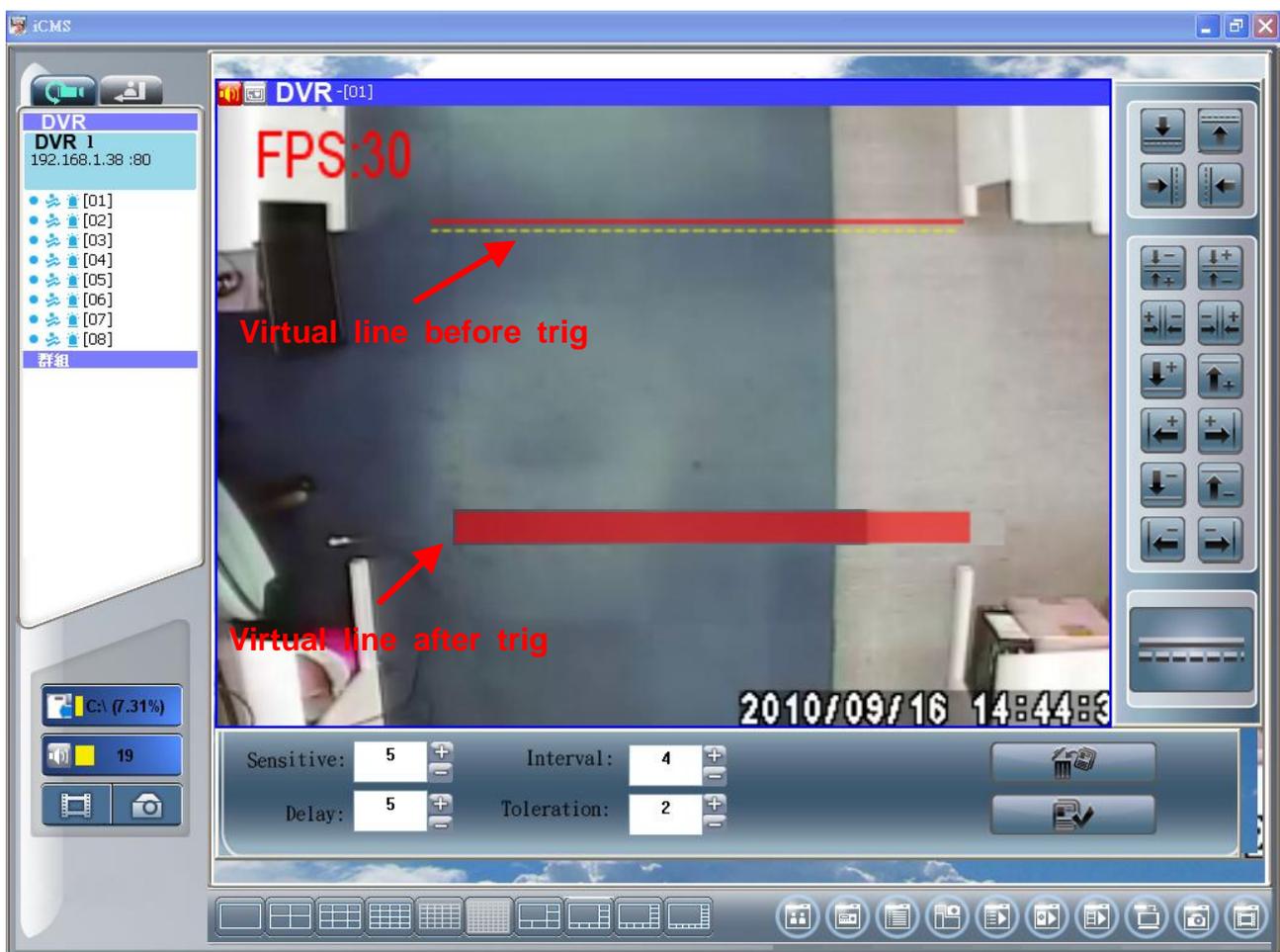


5. User instruction

A. Electronic Security Fence

Icon	Virtual Line	Description
		Moving from top to down direction, trig the alarm
		Moving from down to top direction, trig the alarm
		Moving from left to right direction, trig the alarm
		Moving from right to left direction, trig the alarm

Example : Click 



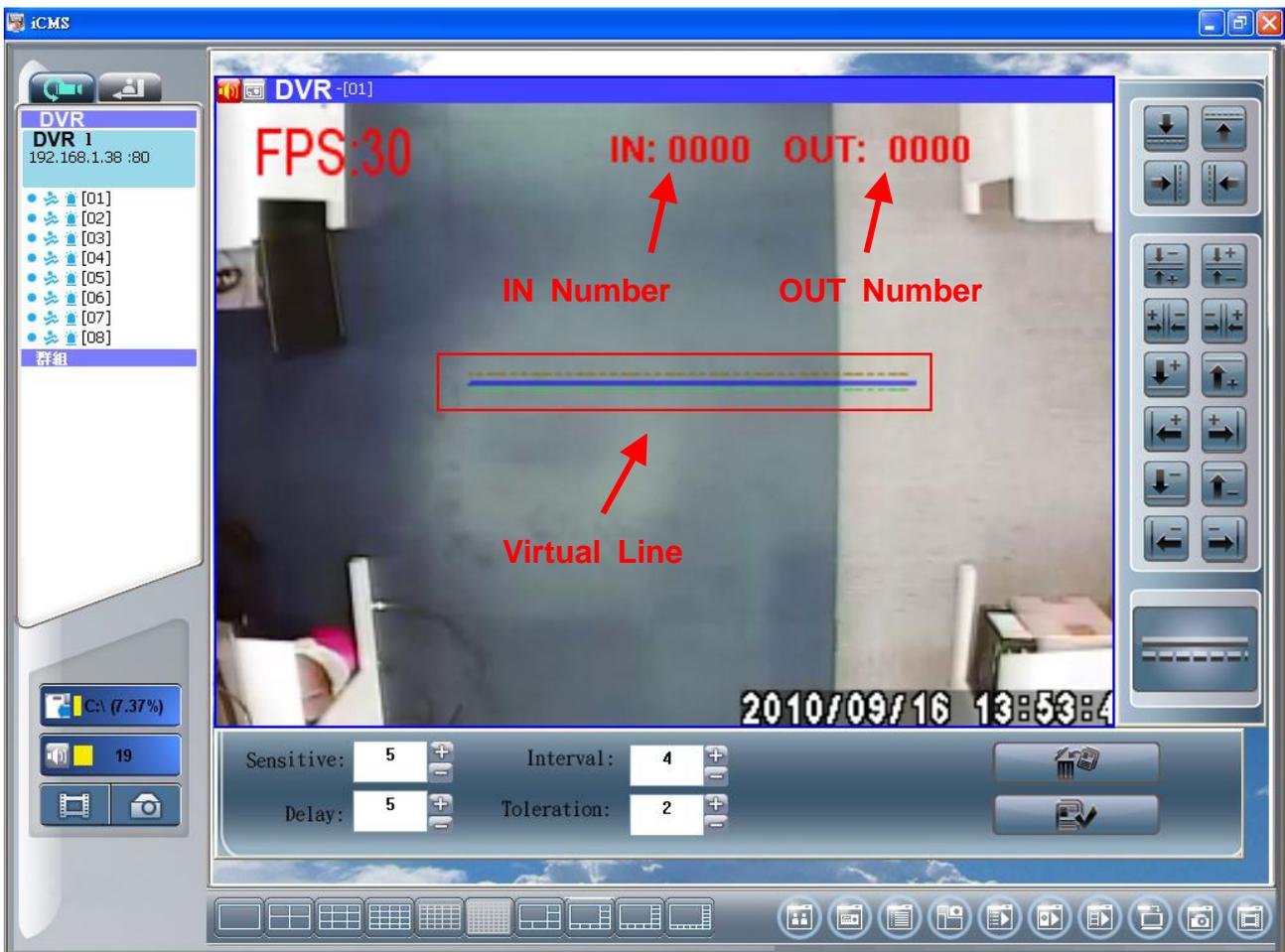
The screenshot displays the iCMS DVR interface. On the left, a sidebar shows 'DVR 1' with IP '192.168.1.38 :80' and a list of channels [01] through [08]. The main video window shows a room scene with a red horizontal bar across the middle. A red arrow points to this bar with the text 'Virtual line after trig'. Above the bar, a dashed red line is shown with another red arrow and the text 'Virtual line before trig'. The top left of the video window displays 'FPS:30'. The bottom of the video window shows the timestamp '2010/09/16 14:44:30'. Below the video window is a control panel with four settings: Sensitive: 5, Interval: 4, Delay: 5, and Toleration: 2. The interface also features a right-side control panel with various navigation buttons and a bottom taskbar with system icons.

B. People counting

a. Two-Way Statistics

Icon	Virtual Line	Description
		I . Moving from down to top direction, count IN II.Moving from top to down direction, count OUT
		I .Moving from top to down direction, count IN II. Moving from down to top direction, count OUT
		I . Moving from left to right direction, count IN II. Moving from right to left direction, count OUT
		I . Moving from right to left direction, count IN II. Moving from left to right direction, count OUT

Example : Click 

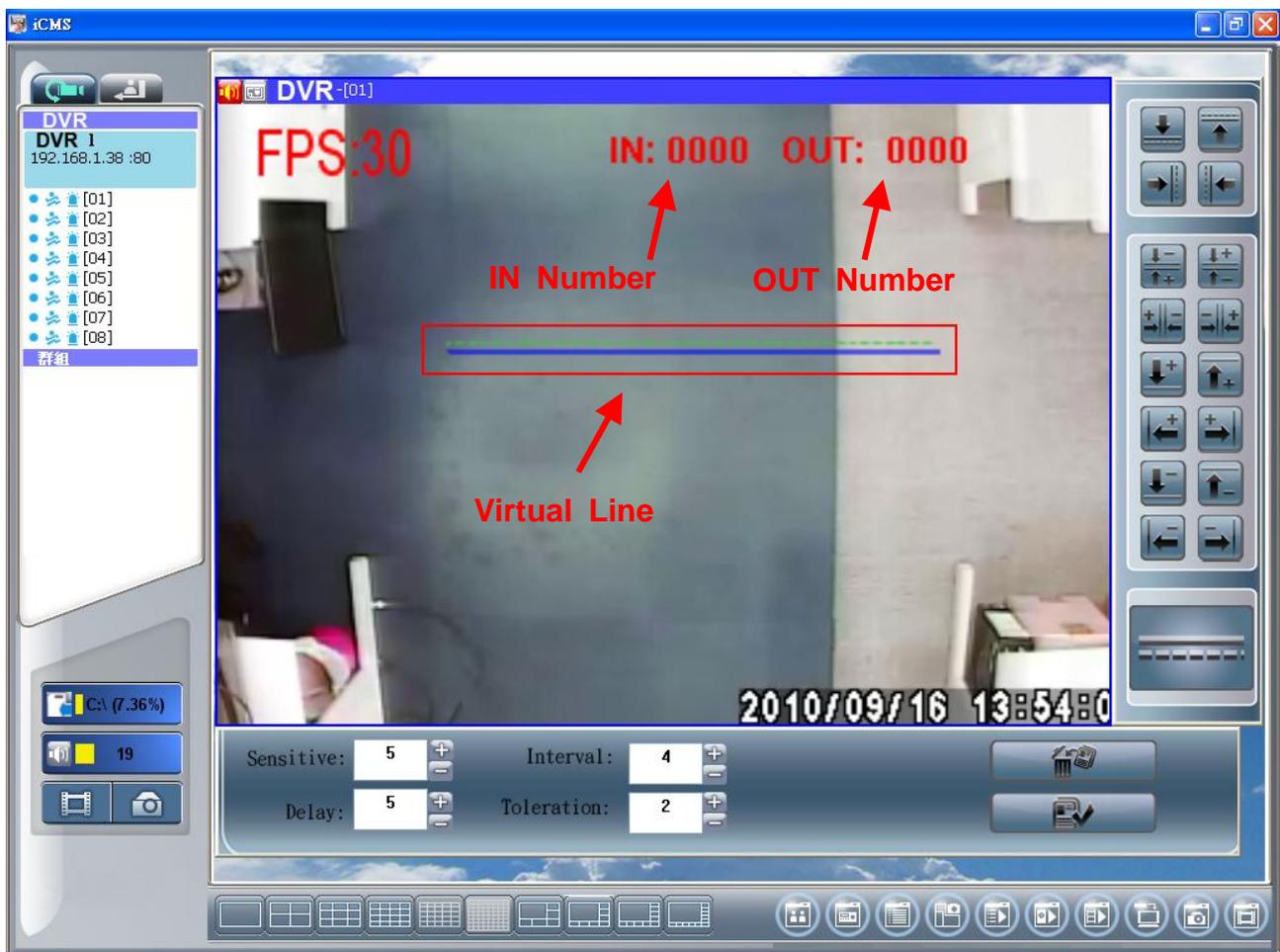


The screenshot displays the iCMS software interface. The main window shows a video feed of a person walking through a doorway. A horizontal virtual line is drawn across the doorway. Red text overlays the video: "FPS:30" in the top left, "IN: 0000 OUT: 0000" in the top center, "IN Number" and "OUT Number" below the counts, and "Virtual Line" below the line itself. A red box highlights the virtual line. The bottom of the window shows a control panel with settings: Sensitive: 5, Interval: 4, Delay: 5, and Toleration: 2. The date and time "2010/09/16 13:53:4" are displayed at the bottom right of the video feed. The left sidebar shows a list of DVR channels [01] through [08] and a "群组" (Group) section. The bottom of the interface has a taskbar with various icons.

b. One-Way Statistics IN

		Moving from top to down direction, count IN
		Moving from down to top direction, count IN
		Moving from right to left direction, count IN
		Moving from left to right direction, count IN

Example : Click

The screenshot shows the iCMS DVR software interface. The main window displays a video feed from a DVR camera. Overlaid on the video are several statistics and a virtual line:

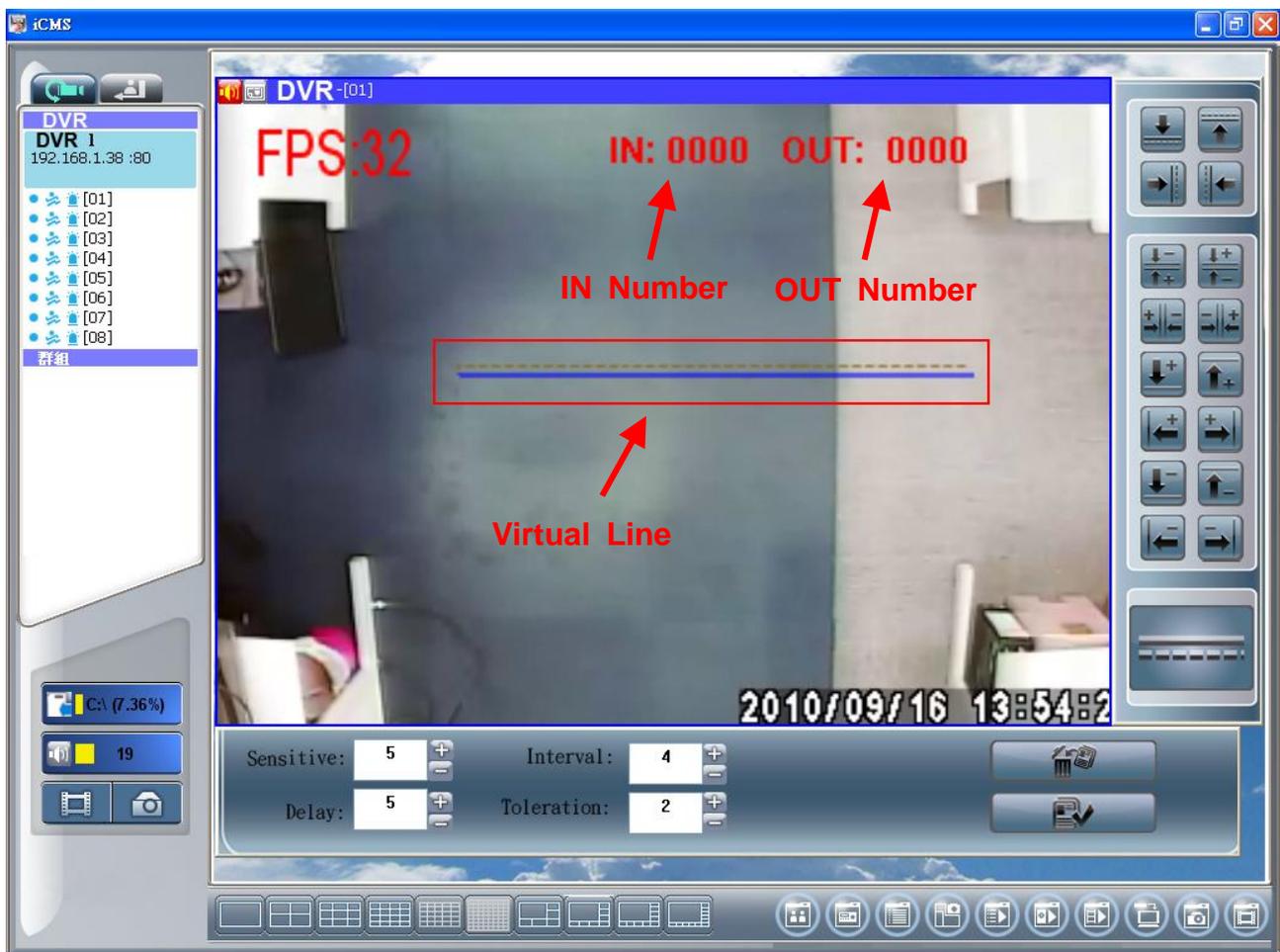
- FPS:30**: Frame rate indicator in the top left.
- IN: 0000 OUT: 0000**: In and out statistics in the top center.
- IN Number** and **OUT Number**: Labels with red arrows pointing to the 'IN' and 'OUT' values respectively.
- Virtual Line**: A horizontal line with a green dashed top and a blue solid bottom, highlighted by a red box and a red arrow.
- 2010/09/16 13:54:00**: Timestamp in the bottom right of the video feed.
- Sensitive: 5**, **Interval: 4**, **Delay: 5**, **Toleration: 2**: Configuration parameters at the bottom.

The interface includes a left sidebar with a DVR list, a top toolbar with navigation icons, and a right sidebar with a larger set of navigation and control icons. The bottom of the window features a taskbar with various application icons.

c. One-Way Statistics OUT

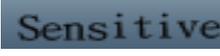
		.Moving from top to down direction, count OUT
		Moving from down to top direction, count OUT
		Moving from right to left direction, count OUT
		Moving from left to right direction, count OUT

Example : Click

The screenshot shows the iCMS DVR software interface. The main window displays a video feed with a red virtual line across the middle. Red text overlays the video: 'FPS:32' in the top left, 'IN: 0000 OUT: 0000' in the top center, 'IN Number' and 'OUT Number' below that, and 'Virtual Line' with an arrow pointing to the line. A timestamp '2010/09/16 13:54:2' is at the bottom right. The interface includes a left sidebar with a DVR list, a top toolbar with navigation icons, and a bottom control panel with settings for Sensitive (5), Interval (4), Delay (5), and Toleration (2).

3. Others function

Icon	Description
	Setup Virtual line display or hide
	Sensitivity: Lower the number, shorten the detection distance but more the practices Range : 1~100 【5】 ◦ Need to match with the interval (Interval High → Sensitive low , Interval low → Sensitive High) ◦
	Delay : Display staying Time (Electronic Security Fence Warning) ◦ 1~600 Range : 1~600 【5】
	In seconds , detect more Frames (More number , share CPU more performance) Range : 1~25 【4】
	Toleration : Filter out other interference factors, such like flashing lights may cause misjudgment Range : 1~99 【2】
	Delete Detection Setup
	Save Detection Setup