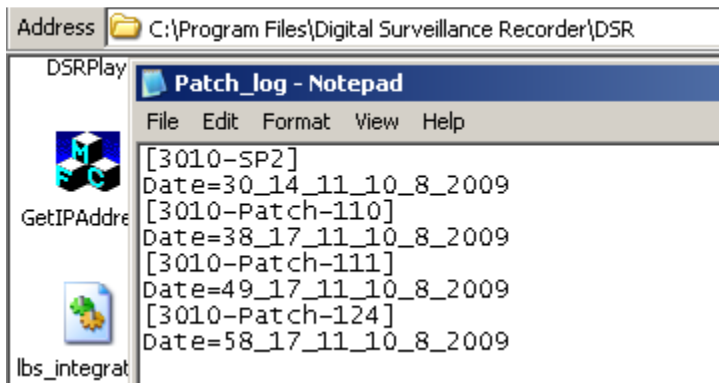


How to Configure NetVision Premium 3.0.1 for External Alarm Inputs and Alarm Overlay

Check What Patches have been applied:

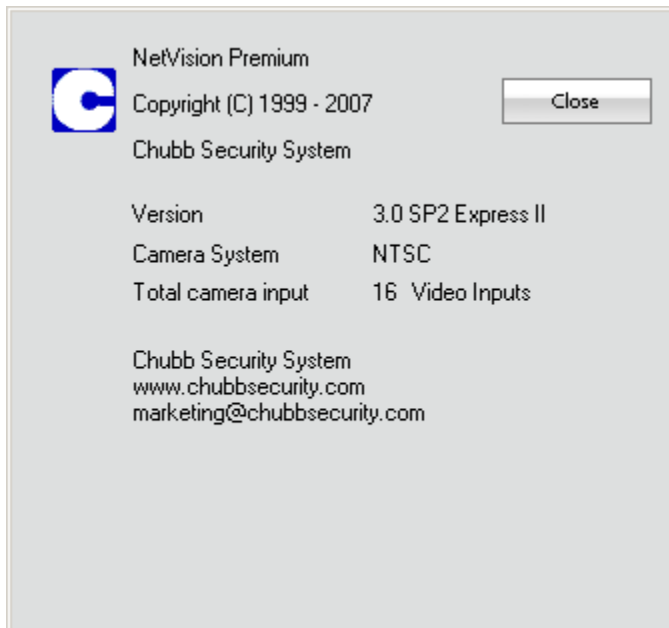


Login to NetVision Premium 3.0.1:



Check System Information:

Utility > System Information



Make the following selections > Apply >OK

NetVision > UTILITY > RECORDER SETTING > Alarm (Tab)

Cam ID	External Alarm Input			Pre-Alarm	
	Enable	(in sec)	Normally	Enable	(in sec)
1	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
2	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
3	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
4	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
5	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
6	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
7	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
8	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
9	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
10	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
11	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
12	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
13	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
14	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
15	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5
16	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5

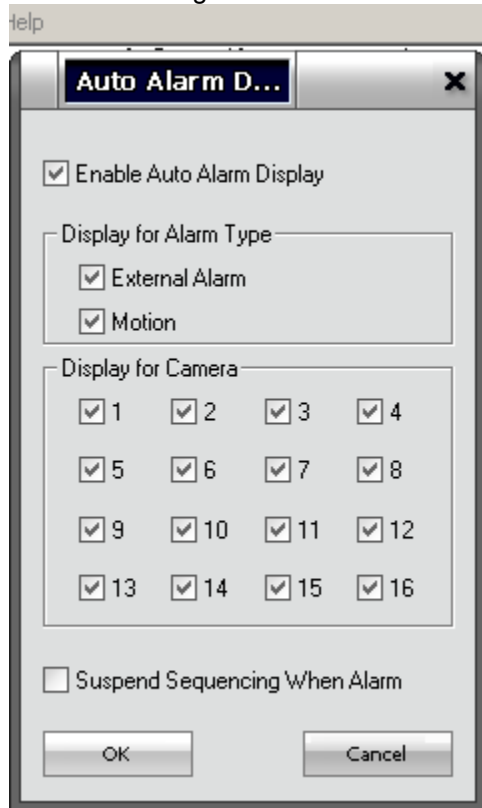
EXIT NetVision.

Start NetVision Configuration:



Enable Auto Alarm Display:

NetVision Configuration > Auto Alarm Display



Ensure Alarm Overlay Setup is enabled.

NetVision Configuration > Alarm Overlay Setup

The screenshot shows the "Alarm Overlay Setup" dialog box. It has a title bar with the text "Alarm Overlay Setup" and a close button (X). The dialog is divided into several sections:

- Alarm Overlay Enable for Camera:** A grid of 16 checkboxes, all of which are checked. To the right of the grid are two buttons: "Select All" and "Clear All".
- Alarm Overlay Setup:** This section contains:
 - A "Camera" dropdown menu set to "1".
 - A "Use Subtitle" section with three radio buttons labeled "1", "2", and "3". Radio button "3" is selected.
 - Two buttons: "Font" and "Border".
 - A checked checkbox for "External Alarm Text" with a text input field containing "Camera1 External Alarm!".
 - A checked checkbox for "Motion Alarm Text" with a text input field containing "Camera1 Motion Alarm!".
 - A "Position" section with two rows:
 - "Horizontal" with a dropdown menu set to "Left" and a numeric input field set to "0".
 - "Vertical" with a dropdown menu set to "Top" and a numeric input field set to "0".
- Post Alarm Display:** A numeric input field set to "3" followed by the text "Seconds". Below this is a note: "(Set 0 for permanent display. Press Ctrl+Alt+Space bar to reset.)".

At the bottom of the dialog are three buttons: "OK", "Cancel", and "Apply".

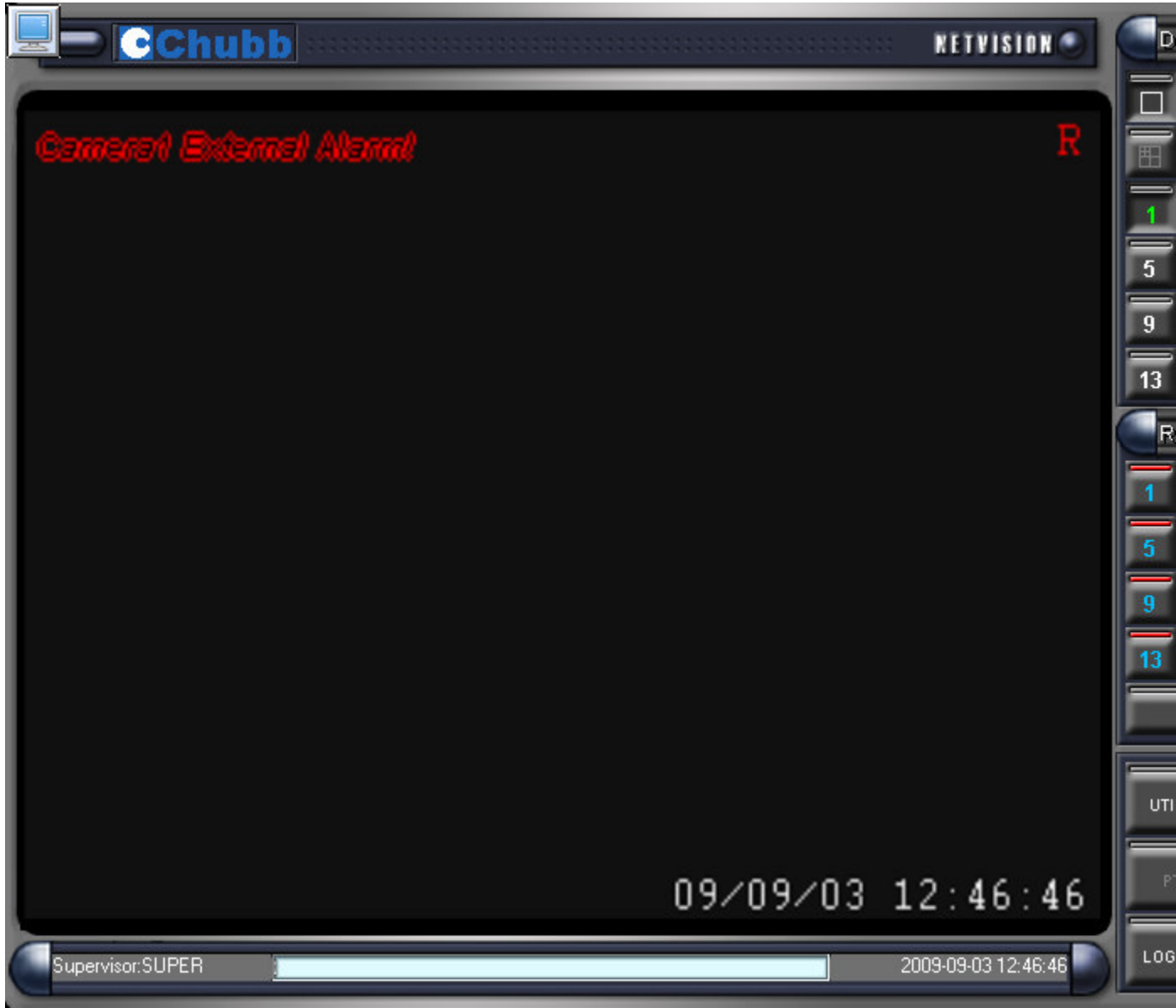
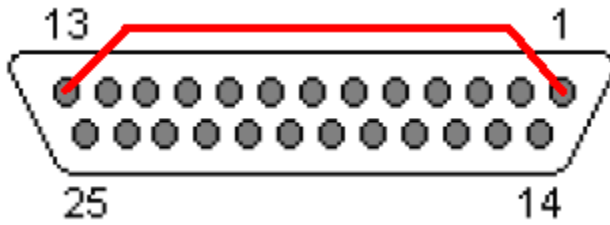
EXIT NetVision Configuration.

Login to NetVision Premium 3.0.1:

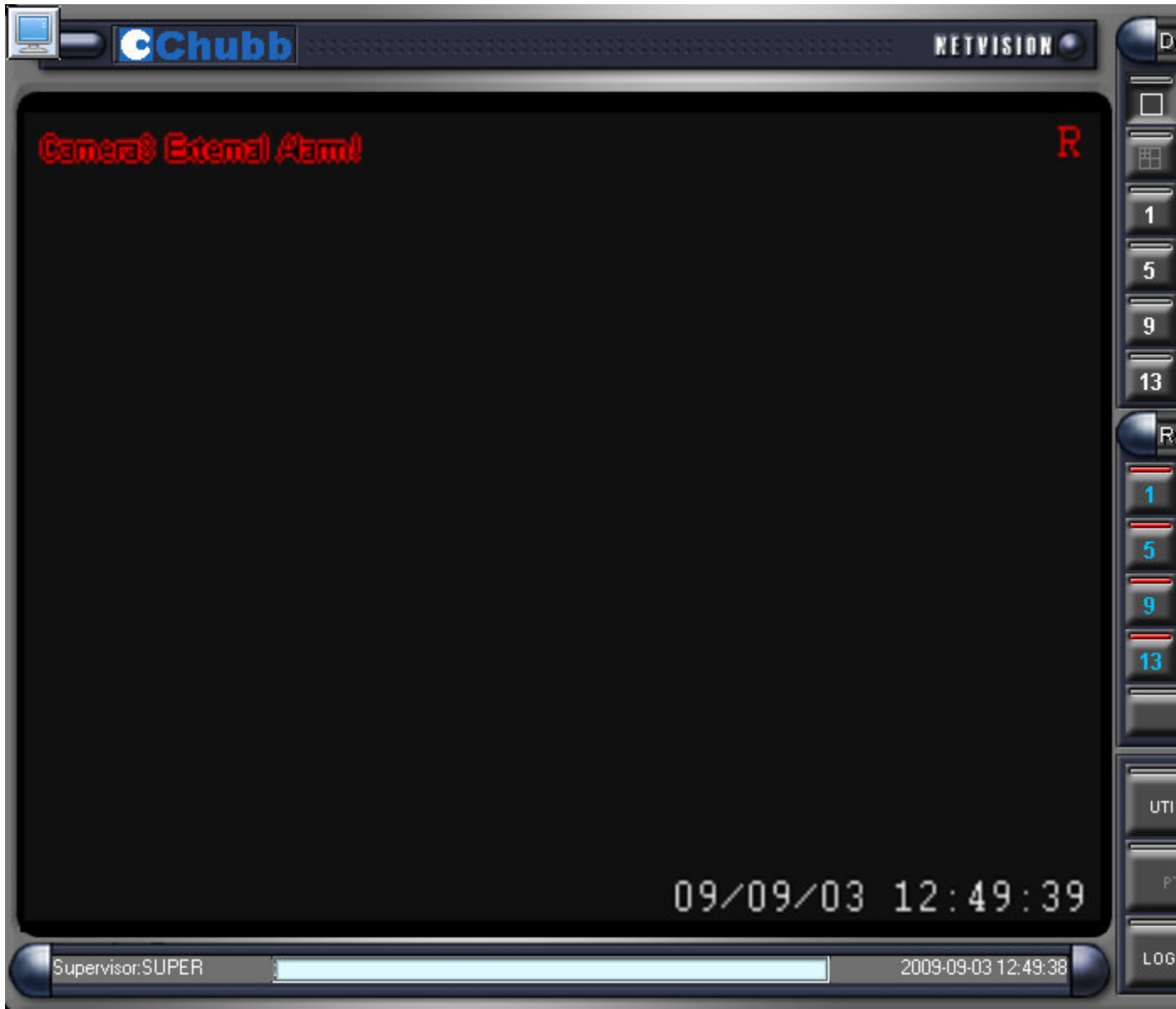
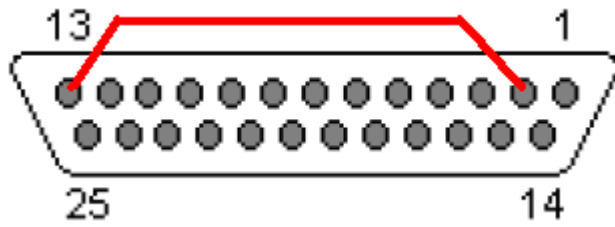


TEST:

Short Pin 1 (Camera Input 1) to Pin 13 (Ground)

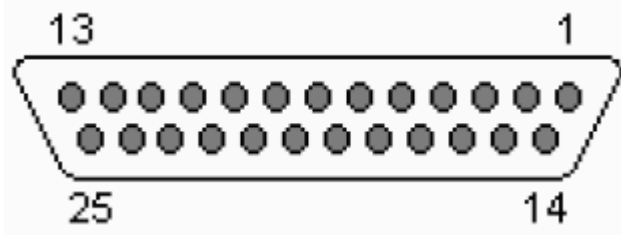


Short Pin 2 (Camera Input 3) to Pin 13 (Ground)



Repeat Test for other Inputs using information below:

I/O Wiring – NetVision Premium Cards:



Color Code of Alarm Input and Output Wires

Model: Express II Card External Alarm DB25M Cable (BOM# KIT-X2-AL16/8IO-01)

Feature: 16 Alarm Input Ports and 8 Alarm Output Ports

DB25M Pin Number	Function	Color Code
Pin 1	Alarm input 1	Black
Pin 2	Alarm input 3	White
Pin 3	Alarm input 5	Red
Pin 4	Alarm input 7	Green
Pin 5	Alarm output 1*	Orange
Pin 6	Alarm output 3***	Blue
Pin 7	Alarm output 5	Black/White
Pin 8	Alarm output 7	Black/Red
Pin 9	Alarm input 9	Black/Green
Pin 10	Alarm input 11	Black/Orange
Pin 11	Alarm input 13	Black/Blue
Pin 12	Alarm input 15	White/Black
Pin 13	Ground	White/Red
Pin 14	Alarm input 2	White/Green
Pin 15	Alarm input 4	White/Blue
Pin 16	Alarm input 6	Red/Black
Pin 17	Alarm input 8	Red/White
Pin 18	Alarm output 2**	Red/Orange
Pin 19	Alarm output 4	Red/Blue
Pin 20	Alarm output 6	Green/Red
Pin 21	Alarm output 8	Green/Orange
Pin 22	Alarm input 10	White/Red/Black
Pin 23	Alarm input 12	Red/Black/White
Pin 24	Alarm input 14	Black/White/Red
Pin 25	Alarm input 16	Black/White/Green

Importance Note:

All alarm input ports are DRY CONTACT (NO VOLTAGE INPUT).

All alarm output ports are +4.98V DC when trigger and +7mV DC when non-trigger.

***Alarm Output 1 – Motion Detection and Device Trigger**

****Alarm Output 2 – Device Trigger**

*****Alarm Output 3 – Motion Detection**