

ZMD-NV-SBN4

Enabling Motion Detection on the NVR (New Interface)

The following are all motion detection enabling steps once you've updated all new firmware onto the IP Cameras and NVR. Any camera with FW versions of 1.0.1X-D should be compatible. If your firmware contains 1.2.XX or 1.1.XX, please contact Zmodo directly for assistance:

1. Log into the IP Camera using Internet Explorer (Step 1 will need to be performed on all IP Cameras)

a. Go to **Remote Configuration > Alarm Setting**



The screenshot displays the 'Device Parameters' window with the 'Motion Alarm' tab selected. On the left, a sidebar lists configuration options: Local Configuration, Remote Configuration, Video Settings, Network Param, Alarm Settings, System Info, and Advanced Settings. The main area is divided into several sections:

- week:** A dropdown menu set to 'All'.
- Start Time / End Time:** A table with four rows (Time 1 to Time 4). Time 1 is set to '00:00:00' to '23:59:00' with a checked checkbox. The other rows are set to '00:00:00' to '00:00:00' with unchecked checkboxes.
- Output Port:** Four checkboxes for Port 1, Port 2, Port 3, and Port 4, all of which are unchecked.
- Alarm Method:** Six checkboxes for Audio, Capture, FTP, Email, Record, and Upload. The 'Upload' checkbox is checked.
- Sensitivity:** A dropdown menu set to 'Medium'.
- Output Delay:** A dropdown menu set to '8'.
- Motion Detect:** A checked checkbox.
- Submit:** A button at the bottom right.

In the center of the interface is a live video feed showing a building, overlaid with a grid for motion detection. The timestamp '12/29/2012 04:59:27' is visible at the top of the video feed.

b. From the Alarm Setting page, check the check-box labeled **Motion Detect**

c. Adjust the start and end time to read "00:00:00 - 23:59:00"

d. Left-click any squares in the grid that you do want to detect motion. Any non-orange squares in the grid will ignore motion. In this new firmware, you can click-and-drag over the squares to quickly select squares.

ZMD-NV-SBN4

e. In the "Alarm Method" box, check **Upload**.

f. Click **Submit** to save these changes.

2. From the NVR, go to Main Menu > Setting > Motion Alarm



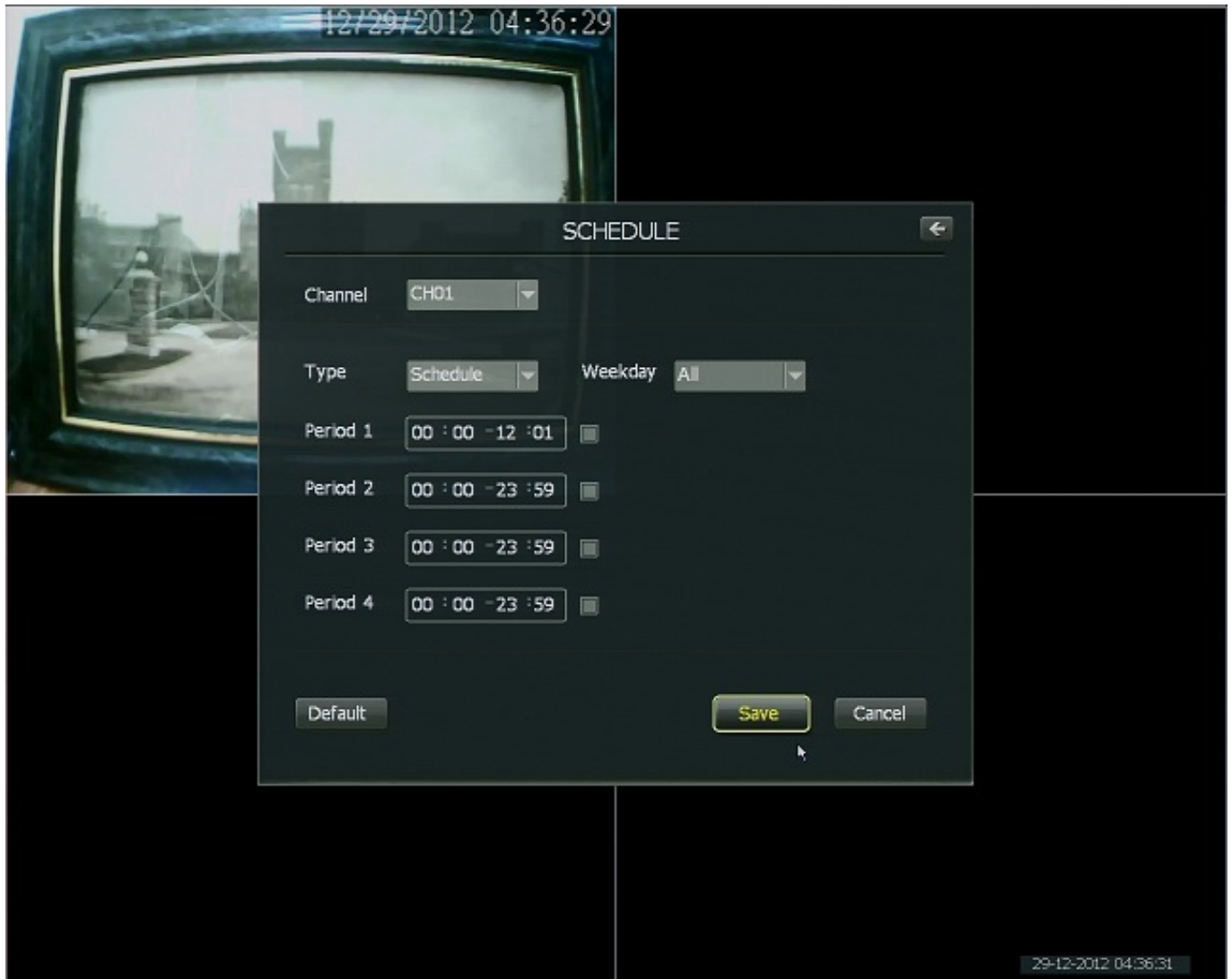
a. Check the check-box to enable **Record** for all channels in this menu.

b. Set the alarm delay to a number between 1 - 9 seconds.

c. Click "Save" to save these changes.

3. From the NVR, go to **Main Menu > Setting > Schedule**

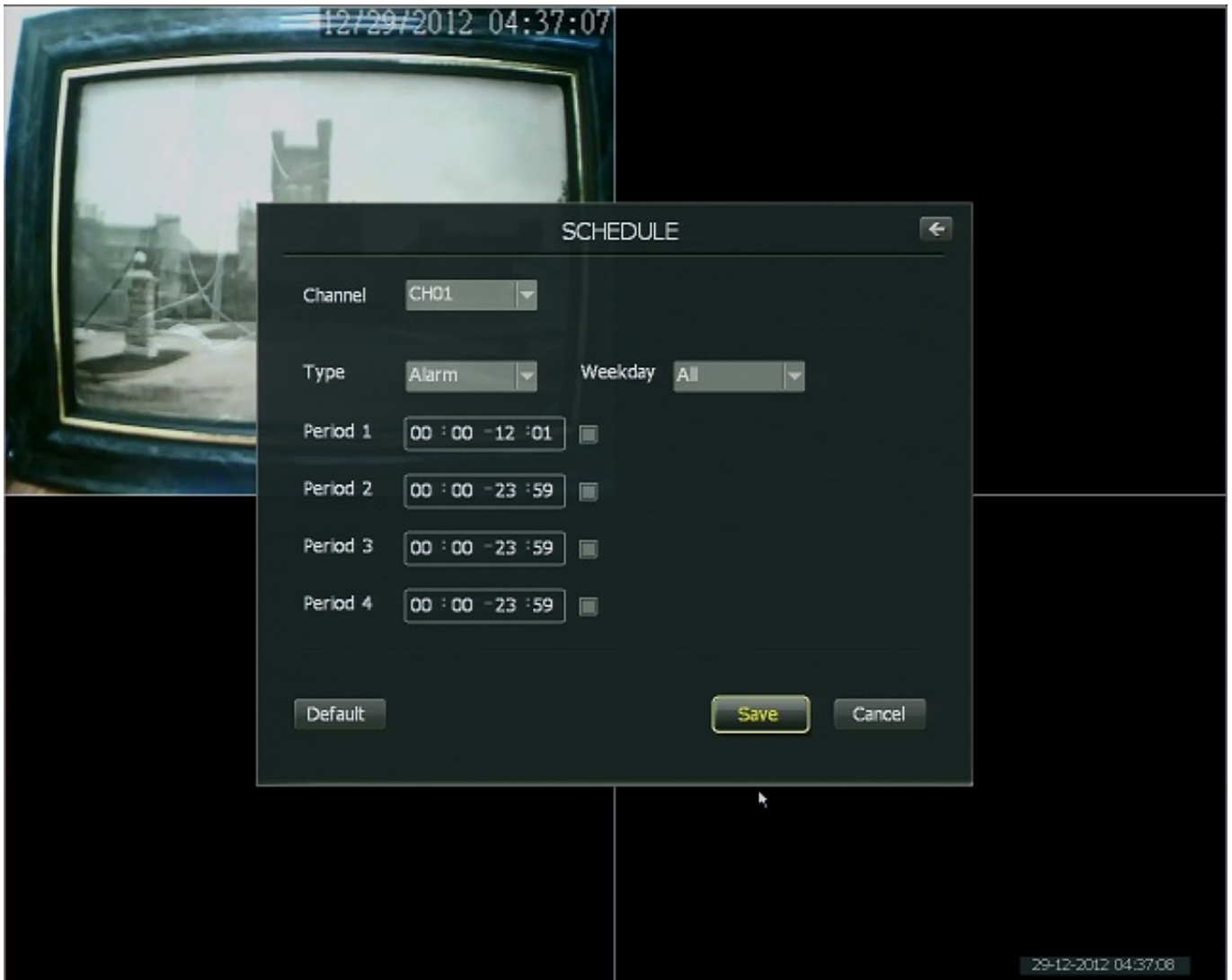
ZMD-NV-SBN4



From the **Schedule** page, change the following settings:

- Change Channel: CH01 to ALL
- Change Weekday: Sun to ALL
- From the Schedule Tab (accessed by selecting "Schedule" in the drop-down box) disable Period1. This will disable scheduled recording.
- Click Save.

ZMD-NV-SBN4



e. From the Alarm Tab (accessed by selecting "Alarm" in the drop-down box) make sure Period1 is disabled. This will ensure that Alarm-based recording is disabled.

f. Click Save.

ZMD-NV-SBN4



g. From the Motion Tab (accessed by selecting "Motion" in the drop-down box) set the time range to 00:00 – 23:59 in the Period1 field. Enable Period1 by selecting its check-box. This will enable motion recording.

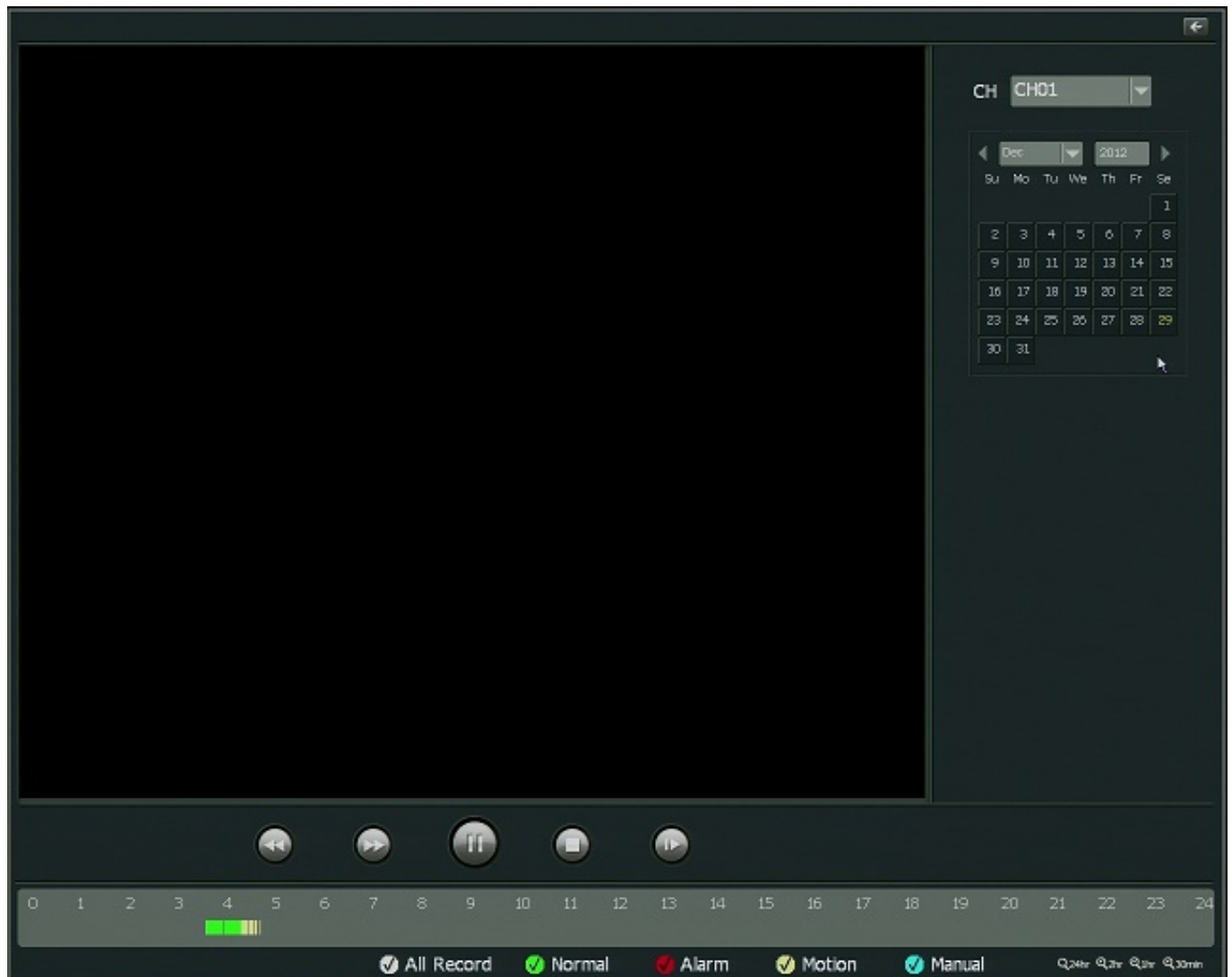
h. Click Save.

ZMD-NV-SBN4



4. After saving those changes, exit out to the camera grid. When one of the cameras detects motion, the NVR will display a red M on the screen as it records for the duration of time that motion takes place.

ZMD-NV-SBN4



****When you go into the playback menu, you will see that any video that was recorded based on motion detection will be in yellow.**

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