

Security Management System Configuration for Record on Motion

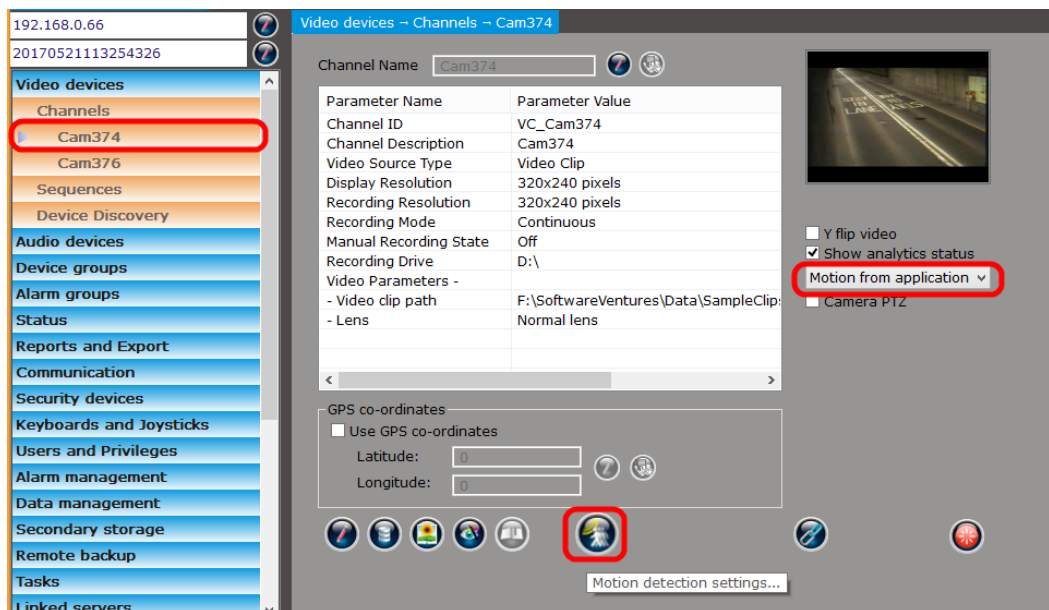
Introduction

Security Management System supports several recording modes including continuous recording, scheduled recording, alarm based recording etc.

This document describes the recommended configuration for cameras which are required to be set for recording on motion, and when motion detection is processed from the Security Management System server software.

Enable Motion Detection

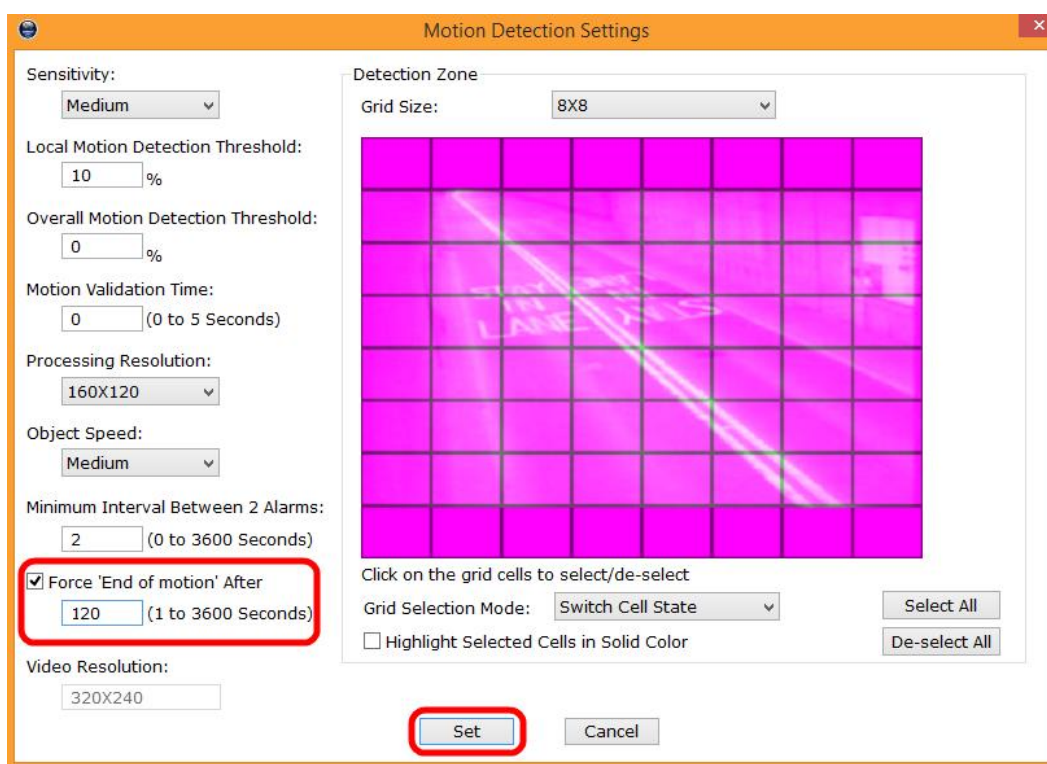
1. In Security Management System server software, please navigate to the camera details page for the target camera from the left hand side navigation menu 'Video devices -> Channels -> <Camera name>'. This will display the camera details page



2. Select 'Motion from application' option.
3. This will show the 'Motion detection settings...' button at the bottom of the camera details page

Motion Detection Settings

1. Click on the 'Motion detection settings...' button. This will pop up the 'Motion Detection Settings' dialog box
2. In most of the cases, it is recommended to use default motion detection settings except for following –
 - (a) Specify 'Detection zone' by selecting / de-selecting the grids. Please exclude the grids which have continuous movements like trees, water, sky etc and grids which have reflections.
 - (b) Enable 'For 'End of motion' After and type value as 120 (seconds)

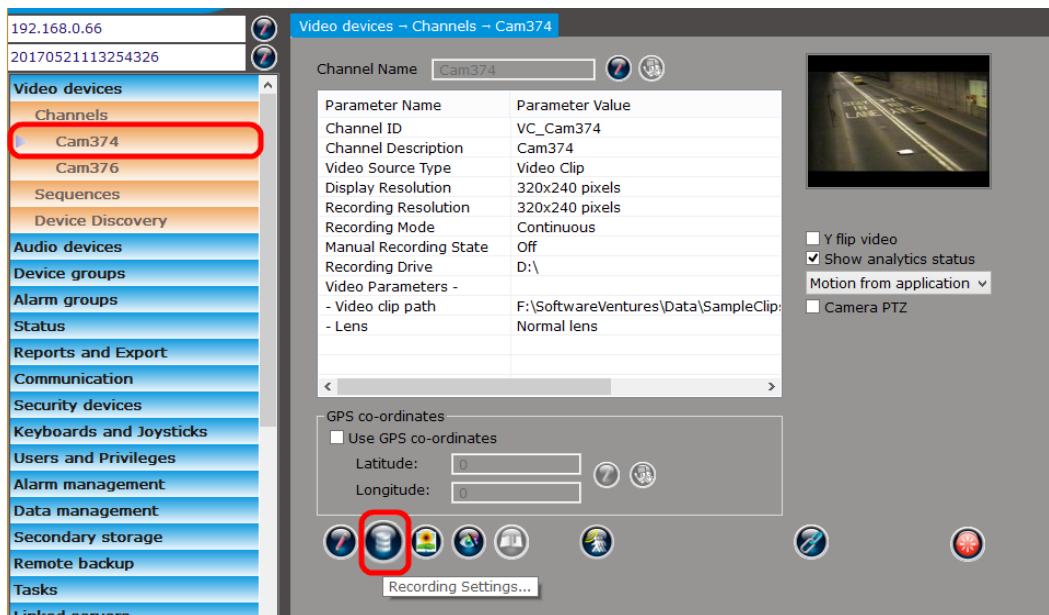


3. Other motion detection settings can be changed only in special cases where default motion detection settings do not provide good results.
4. Click on the 'Set' button to save the settings and to close the 'Motion Detection Settings' dialog box

Recording Settings – Record on Motion Only

Please follow this section if requirement is to configure recording only on motion. Otherwise skip this section and move to the next section

1. In the camera details page click on the ‘Recording settings..’ button available at the bottom of the page. This will pop up the ‘Recording Settings’ dialog box.



2. If requirement is to configure recording only on motion, please select the ‘Recording mode’ as ‘Rule based -> Alarm based’.

Recording settings - Cam374

Channel details

Channel ID: VC_Cam374
Channel Description: Cam374
Video Source Type: Video Clip
Recording Drive: D:\

Recording mode

Continuous No recording Rule based Alarm based

Recording schedule settings

Scheduled recording is disabled

Record on alarm settings

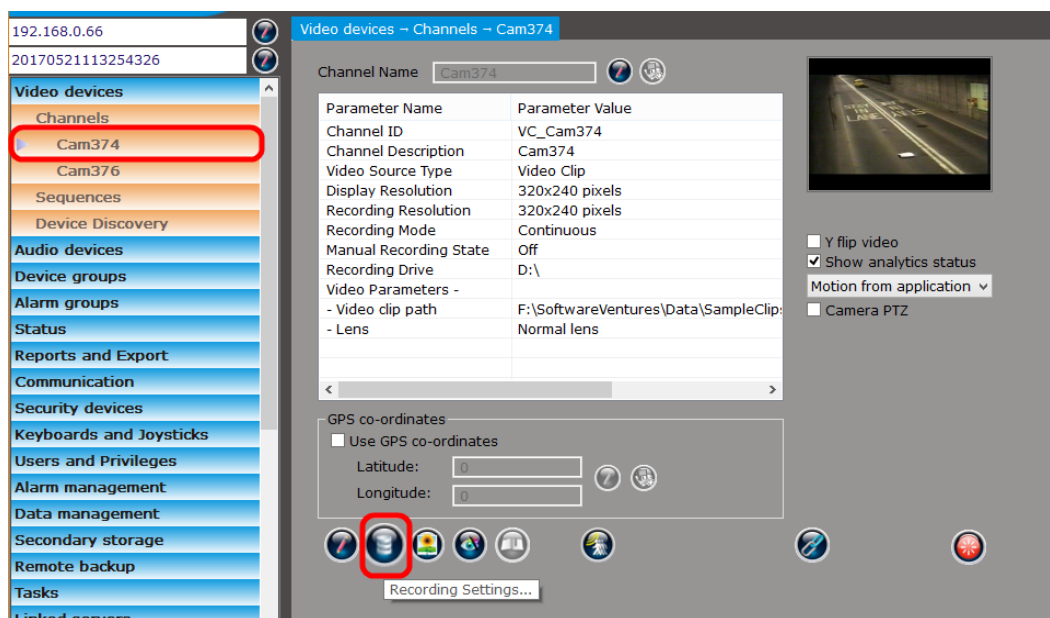
Pre alarm recording: 120 seconds
Post alarm recording: 120 seconds

3. Under 'Record on alarm settings' group available at the bottom of the page, please type 'Pre alarm recording' to '120' seconds, and 'Post alarm recording' to '120' seconds

Recording Settings – Record on Schedule and Motion

Please follow this section if requirement is to configure continuous recording for some time schedules and recording only on motion for remaining time schedules. Otherwise skip this section.

1. In the camera details page click on the ‘Recording settings..’ button available at the bottom of the page. This will pop up the ‘Recording Settings’ dialog box.



2. If requirement is to configure continuous recording for some time schedules and recording only on motion for remaining time schedules, please select the ‘Recording mode’ as ‘Rule based -> Both’
3. Please specify the ‘Recording schedule’ by selecting the target grids indicating specific hours in a day in a week.

Recording settings - Cam374

Channel details
 Channel ID: VC_Cam374
 Channel Description: Cam374
 Video Source Type: Video Clip
 Recording Drive: D:\

Recording mode
 Continuous No recording Rule based Both

Recording schedule settings
 Select
 De-select

Days/Hours->	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sunday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Monday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Tuesday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Wednesday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Thursday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Friday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Saturday	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Override 1	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Override 2	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Override 3	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Override 4	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Override 5	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

Record on alarm settings
 Pre alarm recording: 120 seconds
 Post alarm recording: 120 seconds

Record at full FPS on alarm or motion (low FPS otherwise)
 Pre-alarm full FPS recording interval: 10 seconds
 Post-alarm full FPS recording interval: 10 seconds

- Under 'Record on alarm settings' group available at the bottom of the page, please type 'Pre alarm recording' to '120' seconds, and 'Post alarm recording' to '120' seconds.
- Please ensure that 'Record at full FPS on alarm or motion (low FPS otherwise)' is NOT selected.