

Title:	How to set motion detection recording in SD card for HIKVISION IP camera	Version:	v1.0	Date:	12/13/2018
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Preparation

1. SD card under 128GB.
2. Camera supports On-board storage.

How to set motion detection recording in SD card for HIKVISION IP camera

1. Install the SD card in camera.



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2. Run SADP software and then all IP cameras in same LAN will be shown in software. Configure IP address for camera(Such as 10.9.97.19).

The screenshot shows the SADP software interface. On the left, a table lists 15 online devices. The device with ID 009 is highlighted with a red box. On the right, the 'Modify Network Parameters' dialog box is open, showing the IP Address field set to 10.9.97.19, also highlighted with a red box. A red arrow points from the IP address in the dialog box to the IP address field in the browser screenshot below.

ID	Device Type	Status	IPv4 Address	Port	Enhanced SDK Serv...	Software Ver...	IPv4 Gate...	HTTP
001	DS-2DP1636Z-D	Active	10.9.97.36	8001	N/A	V5.3.15build ...	10.9.97.254	80
002	iDS-2CD8426G0/F-I	Active	10.9.97.84	8000	N/A	V5.4.64build ...	10.9.97.254	80
003	DS-2TD4136-25	Active	10.9.97.88	8000	N/A	V5.5.2build 1...	10.9.97.254	80
004	DS-2CD7A85G0-IZS	Active	10.9.97.85	8000	N/A	V5.5.81build ...	10.9.97.254	80
005	DS-2TD2136-15	Active	10.9.97.28	8000	N/A	V5.5.0build 1...	10.9.97.254	80
006	DS-2CD55C5G0-IZS	Active	10.9.97.55	8000	N/A	V5.5.81build ...	10.9.97.254	80
007	NNC-8000-4KB	Active	10.9.97.44	8000	N/A	V5.5.3build 1...	10.9.97.254	80
008	CMIP75122F-SE	Active	10.9.97.23	8000	N/A	V5.4.5build 1...	10.9.97.254	80
009	DS-2CD2743G0-IZS	Active	10.9.97.19	8000	N/A	V5.5.61build ...	10.9.97.254	80
010	IPC-D640H-Z	Active	10.9.97.49	8000	N/A	V5.5.52build ...	10.9.97.254	80
011	DS-2CD7A26G0/P-...	Active	10.9.97.76	8000	N/A	V5.5.60build ...	10.9.97.254	80
012	iDS-2PT9122IX-D/S	Active	10.9.97.14	8000	N/A	V5.4.10build ...	10.9.97.254	80
013	iDS-2CD6810F/C	Active	10.9.97.68	8000	N/A	V5.4.71build ...	10.9.97.254	80
014	DS-2DF6A236X-AEL	Active	10.9.97.62	8000	N/A	V5.5.8build 1...	10.9.97.254	80
015	iDS-2V5235-F836	Active	10.9.97.83	8022	N/A	V5.5.4build 1...	10.9.97.254	80

3. Input the IP address (10.9.97.19) in IE browser to login it.

The screenshot shows an Internet Explorer browser window with the address bar set to <http://10.9.97.19/doorpage/login.asp>. The page displays the Hikvision logo and a login form. The form has a text input field containing 'admin' and a password input field with masked characters. A red box highlights the password field, and a red arrow points from the IP address in the browser's address bar to this field. Below the form is a red 'Login' button. The background of the page features a city skyline and a camera lens.

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4. Go to Configuration> Advanced configuration> Storage> Storage management, and then format the SD card.

The screenshot shows the Hikvision web interface. The top navigation bar includes 'Live View', 'Playback', 'Picture', and 'Configuration'. The left sidebar menu has 'Storage' selected, with 'Storage Management' highlighted below it. The main content area is titled 'HDD Management' and contains a table with the following data:

HDD No.	Capacity	Free space	Status	Type	Property	Progress
1	58.27GB	42.50GB	Normal	Local	R/W	

Below the table is a 'Quota' section with the following settings:

- Max. Picture Capacity: 14.25GB
- Free Size for Picture: 13.50GB
- Max. Record Capacity: 43.50GB
- Free Size for Record: 29.00GB
- Percentage of Picture: 5%
- Percentage of Record: 95%

At the bottom of the page is a red 'Save' button. Red boxes and arrows in the image point to the 'Storage Management' menu item, the 'Format' button in the table, and the 'Save' button.

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5. Go to Record Schedule, and then enable Record Schedule.

The screenshot shows the 'Record Schedule' configuration page in the HIKVISION web interface. The 'Record Schedule' tab is selected, and the 'Enable' checkbox is checked. The recording type is set to 'Motion'. A legend on the right shows recording types: Continuous (blue), Motion (green), Alarm (red), Motion | Alarm (orange), Motion & Alarm (light blue), and Event (purple). A 'Save' button is at the bottom.

6. Set the recording type to Motion detection , and select record schedule.

The screenshot shows the 'Record Schedule' configuration page in the HIKVISION web interface. The 'Record Schedule' tab is selected, and the 'Enable' checkbox is checked. The recording type is set to 'Motion'. A 'Copy to...' dialog box is open, showing all days of the week selected. A legend on the right shows recording types: Continuous (blue), Motion (green), Alarm (red), Motion | Alarm (orange), Motion & Alarm (light blue), and Event (purple). A 'Save' button is at the bottom.

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7. Click Events>Motion detection, enable it and then set the area.

The screenshot displays the HIKVISION web interface for configuring motion detection. The left sidebar shows the 'Event' menu highlighted. The top navigation bar includes 'Live View', 'Playback', 'Picture', and 'Configuration'. The 'Motion Detection' tab is selected, and the 'Enable Motion Detection' checkbox is checked. The 'Area Settings' tab is active, showing a video feed with a red grid overlay. The 'Sensitivity' slider is set to 60. The 'Save' button is visible at the bottom.

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8. Set all days of arming, and then enable the Notify Surveillance Center and Trigger Recording. Click Save.

Area Settings **Arming Schedule** Linkage Method

	0	2	4	6	8	10	12	14	16	18	20	22	24
Mon	[Blue bar]												
Tue	[Blue bar]												
Wed	[Blue bar]												
Thu	[Blue bar]												
Fri	[Blue bar]												
Sat	[Blue bar]												
Sun	[Blue bar]												


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Enable Motion Detection

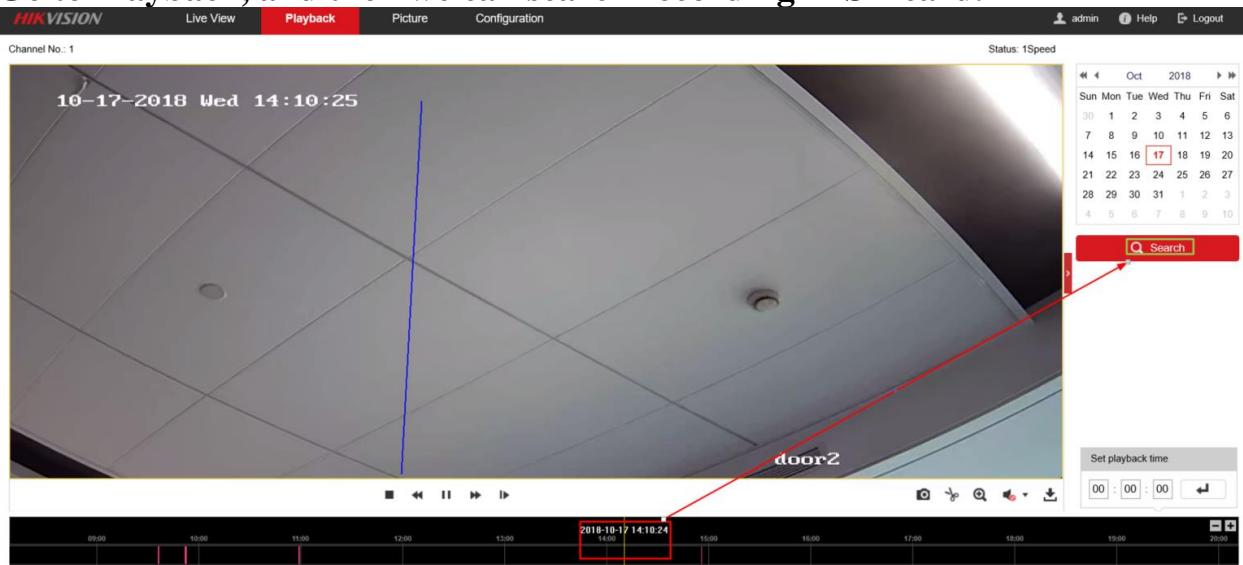
Enable Dynamic Analysis for Motion

Area Settings > Arming Schedule > **Linkage Method**

<input type="checkbox"/> Normal Linkage	<input type="checkbox"/> Trigger Alarm Output	<input checked="" type="checkbox"/> Trigger Recording
<input type="checkbox"/> Send Email	<input type="checkbox"/> A->1	<input checked="" type="checkbox"/> A1
<input checked="" type="checkbox"/> Notify Surveillance Center		
<input type="checkbox"/> Upload to FTP/Memory Card/...		



9. Go to Playback, and then we can search recording in SD card.



The screenshot shows the HIKVISION Playback interface. At the top, there are tabs for Live View, Playback (selected), Picture, and Configuration. The main area displays a video feed of a ceiling with a door, labeled 'door2'. The timestamp '10-17-2018 Wed 14:10:25' is visible in the top left of the video. On the right side, there is a calendar for October 2018, with the 17th highlighted. Below the calendar is a search bar with a magnifying glass icon and the word 'Search'. At the bottom of the video feed, there is a playback control bar with a timeline. A red box highlights the time '2018-10-17 14:10:24' on the timeline. A red arrow points from the search bar to the highlighted time on the timeline.



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