



Milesight-Troubleshooting

How to configure recording in new firmware(7X.9.0.1 or above)

NVR Version	7X.9.0.1 or above	Update	2019.6.4
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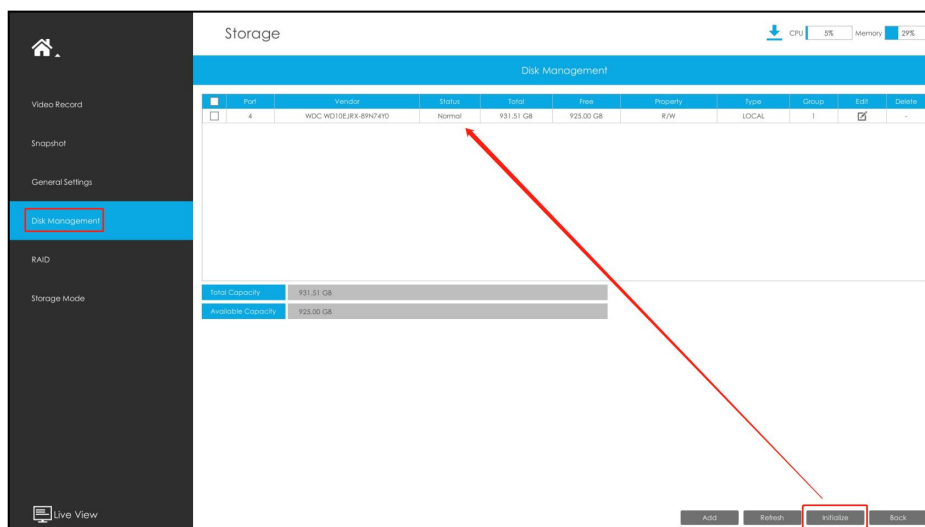
1. What is New Firmware ?

The new firmware will be used from 7X.9.0.X, which makes the NVR experience faster, more responsive, more stable and more delightful. And lots of optimization are based on it.

2. Disk Settings

Ensure your NVR has been installed and the HDD has been initialized.

Please check it on 'Storage' -> 'Disk Management' interface. When the HDD is first installed on the NVR, you need to click 'Initialize' to initialize the HDD. When the status shows 'Normal', you can start recording settings.



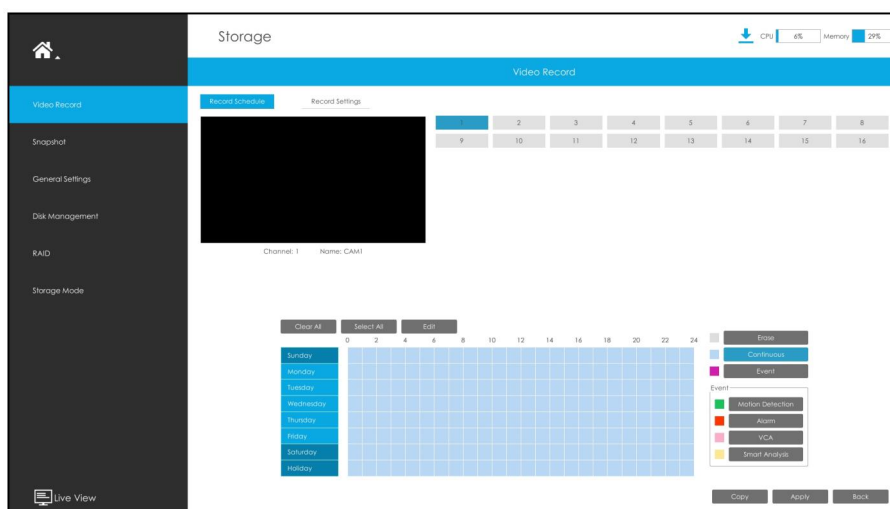
3. Continuous Record Settings

If you want to configure continuous record, **you just need to set the schedule in 'Video Record' interface**, you can configure on the monitor or on the web.

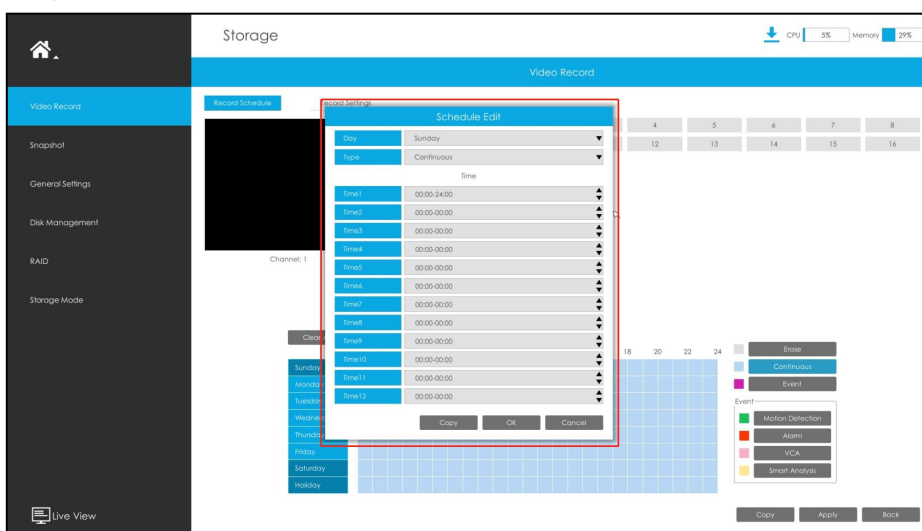
Please refer to the following steps.

(1)Configure on monitor:

- ①Select 'Storage'→'Video Record'.
- ②Select channel and click 'Continuous' button.
- ③Drag a square in the time table to set record effective time. It is convenient for you to set or clear all corresponding schedule by clicking **Select All** or **Clear All**.



Or you can click **Edit** to edit schedule. Select Day, Record Type and Time to finish editing.



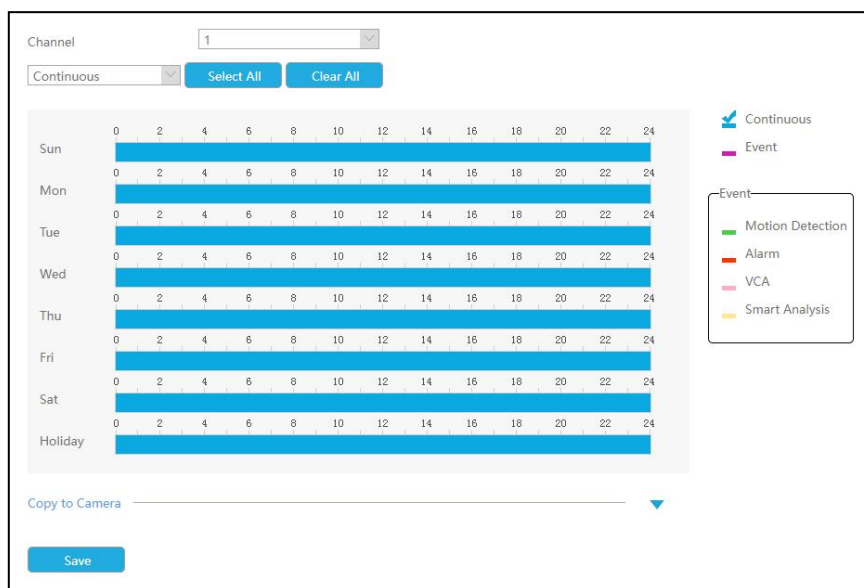
Note:

If you set continuous record here, there will be continuous recording by default. If the event is enabled at the same time, the event recording will also be included in the continuous recording.

(2)Configure on web:

- ①Select 'Storage'→'Video Record'.
- ②Select channel and click 'Continuous' button.
- ③Set the record schedule. It is convenient for you to set or clear all schedule by clicking

Select All or **Clear All**.



After the configuration is complete, the NVR will start recording. You can directly refer to the step 5 and steps 6 to check the recording status and recording files.

Note:

If you set continuous record here, there will be continuous recording by default. If the event is enabled at the same time, the event recording will also be included in the continuous recording.

4. Event Record Settings

If you want to configure event record, you just need to set the schedule in 'Record schedule' interface, then enable the event in 'event' interface.

Please refer to the following steps.

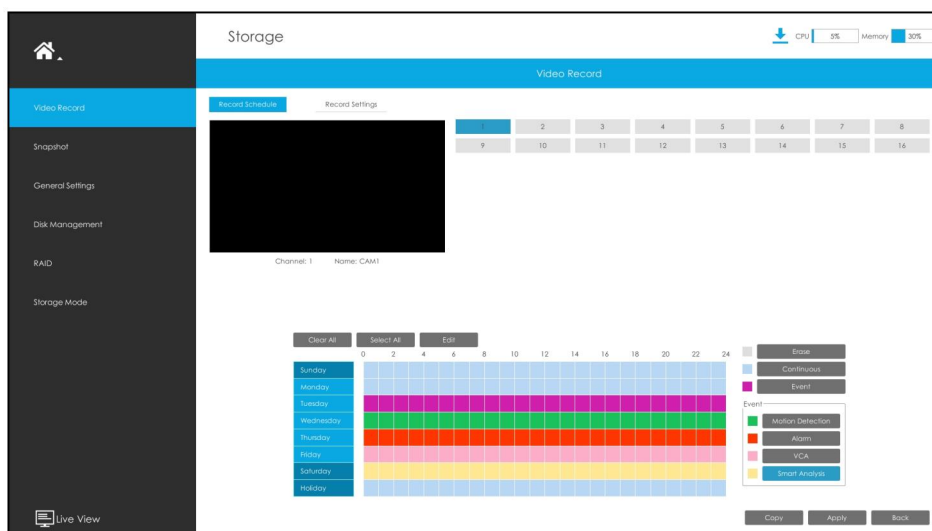
Step1. Record schedule settings

You can configure it on the monitor or on the web.

(1)Configure on monitor:

- ①Select 'Storage'→'Video Record'.
- ②Select channel and set the record schedule.

You can drag a square in the time table to set record effective time. It is convenient for you to set or clear all corresponding schedule by clicking Select All or Clear All.



Or you can click **Edit** to edit schedule. Select Day, Record Type and Time to finish editing.



Note:

- ① If you **set event record** here, no matter which type of event (including Motion Detection, Alarm, VCA and Smart Analysis) you enable, there will be **event recording** without continuous recording during this time.
- ② If you **set Motion Detection/Alarm/VCA/Smart Analysis record** here, only when you enable the corresponding event, will there be a **corresponding Motion Detection/Alarm/VCA/Smart Analysis recording** without continuous recording during this time.

(2) Configure on web:

- ① Select 'Storage' → 'Record schedule'.
- ② Select channel and then set the record schedule. It is convenient for you to set or clear all schedule by clicking **Select All** or **Clear All**.


**Note:**

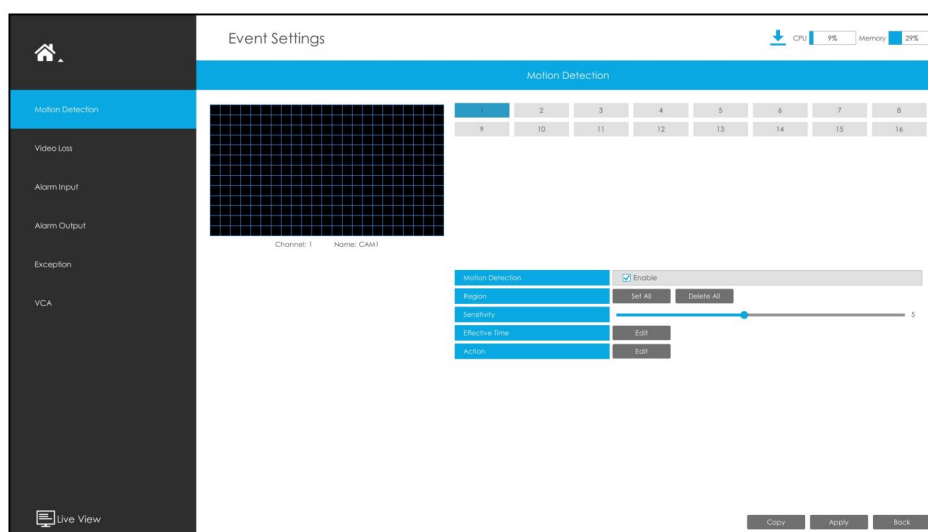
- ① If you **set event record** here, no matter which type of event (including Motion Detection, Alarm, VCA and Smart Analysis) you enable, there will be **event recording** without continuous recording during this time.
- ② If you **set Motion Detection/Alarm/VCA/Smart Analysis record** here, only when you enable the corresponding event, will there be a **corresponding Motion Detection/Alarm/VCA/Smart Analysis recording** without continuous recording during this time.

Step2. Alarm action settings

You can configure it on the monitor or on the web, the steps are the same, here is an example of configuring on the monitor.

Motion Detection:

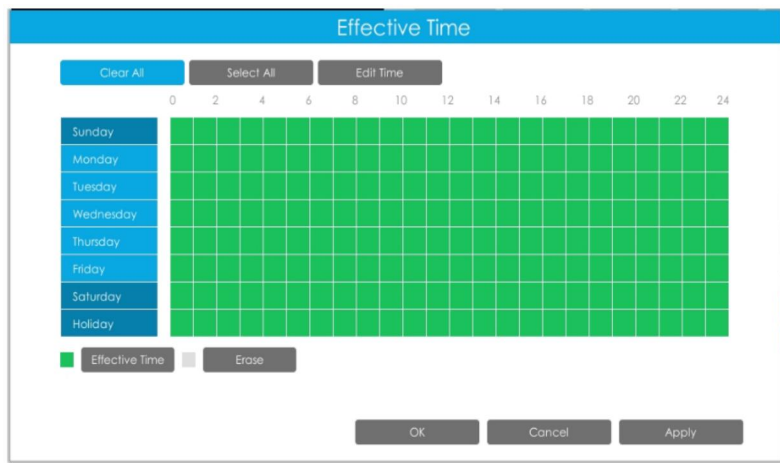
- ① Select 'Event' → 'Motion Detection'.
- ② Select channel, Sensitivity and click  to enable Motion Detection. Set the area for triggering motion detection.



③Set Effective Time of motion detection by clicking.



As long as this schedule is enabled, the NVR can receive alarms from the camera side. If you want to customize the time that the NVR receives alarms from the camera side, you can manually edit Effective Time.




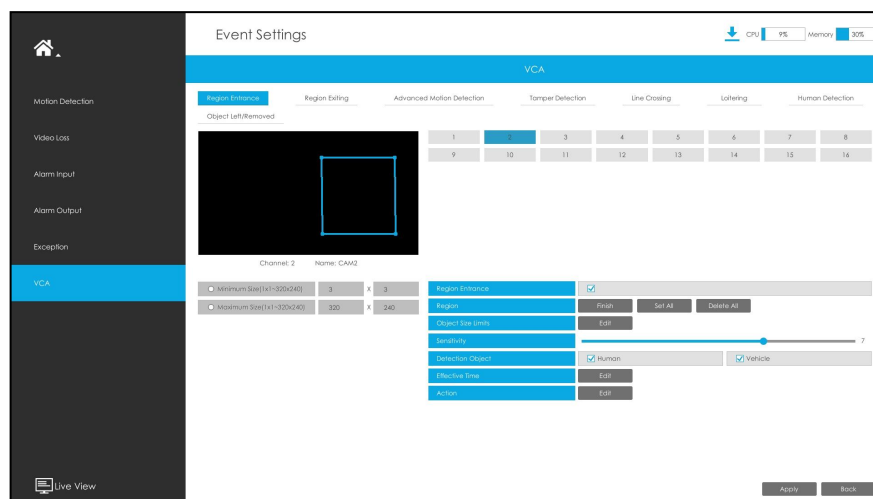
Note:

Effective Time is enabled by default. So usually in this step you just need to enable the event and set the area and sensitivity, no need to set additional effective time.

Smart Event(Take 'Region Entrance' as an example):

①Select 'Event'→'Smart Event'→'Region Entrance'.

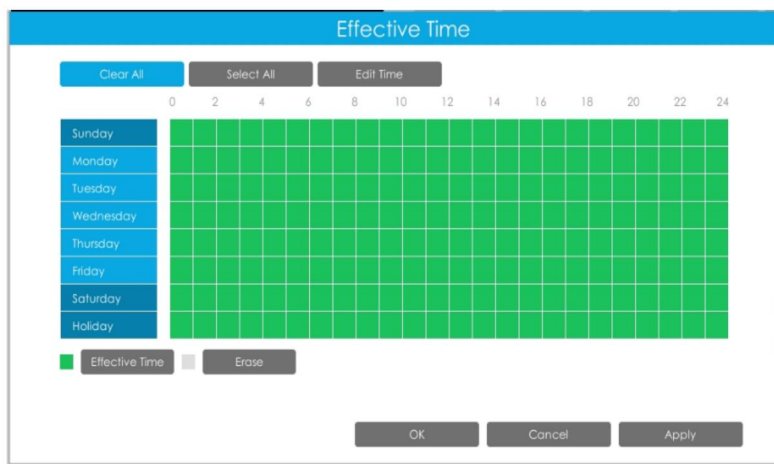
②Select channel and click  to enable Region Entrance. Set the area for triggering Region Entrance.



③Set Effective Time of Region Entrance by clicking



As long as this schedule is enabled, the NVR can receive alarms from the camera side. If you want to customize the time that the NVR receives alarms from the camera side, you can manually edit Effective Time.



Note:

Effective Time is enabled by default. So usually in this step you just need to enable the event and set the area and sensitivity, no need to set additional effective time.


After the configuration is complete, the NVR will start recording. You can directly refer to the step 5 and steps 6 to check the recording status and recording files.


5. Check the recording status


After the configuration is complete, you can check the recording status on Live View interface and Status interface.

(1)Check on monitor:

①Check on Live View interface

If there is a “” icon displayed in live view, it indicates that the current channel is recording.

If there is a “” icon displayed in live view, it indicates motion detection alarm.

If there is a “” icon displayed in live view, it indicates smart event alarm and alarm input.

②Check on Status interface



Go to 'Status' -> 'Camera Status' interface, if the current channel is recording, it will show

“On” on record bar.

The screenshot shows the 'Status' page with a sidebar on the left containing links like Device Information, Network Status, Camera Status (highlighted), Disk Status, Event Status, Group Status, Online User, Packet Capture Tool, and Logs. The main content area is titled 'Camera Status' and has tabs for 'Channel Status' and 'PoE Port Status'. A table lists 16 channels with columns: Channel, Name, IP Address, Record, Frame Rate, Bit Rate, Frame Size, and Status. The 'Record' column for Channel 1 and 3 is highlighted with a red box, showing 'On'.

Channel	Name	IP Address	Record	Frame Rate	Bit Rate	Frame Size	Status
1	CAM1	192.168.69.209	On	24 fps	8.34 Mbps	2592x1944	●
2	-	-	-	-	-	-	-
3	CAM3	192.168.20.2	On	24 fps	3.93 Mbps	1920x1080	●
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-

Go to 'Status' -> 'Event Status' -> 'Camera Event' / 'Alarm' / 'Smart Event' interface, you can check Camera Event here, including Motion Detection, Smart Event and Alarm Input.


 will turn into  when the corresponding alarm is triggered.

The screenshot shows the 'Status' page with the 'Event Status' tab selected. It has sub-tabs for 'Camera Event', 'Alarm', 'VCA', and 'People Counting'. The 'Camera Event' sub-tab is active, showing a table with columns: Channel, Name, IP Address, Video Loss, and Motion. The 'Motion' column for Channel 4 is highlighted with a red box, showing a red alarm bell icon.

Channel	Name	IP Address	Video Loss	Motion
1	CAM1	192.168.69.209	⏏	⏏
2	CAM2	-	⏏	⏏
3	CAM3	192.168.20.2	⏏	⏏
4	CAM4	-	⏏	🔔
5	CAM5	-	⏏	⏏
6	CAM6	-	⏏	⏏
7	CAM7	-	⏏	⏏
8	CAM8	-	⏏	⏏
9	CAM9	-	⏏	⏏
10	CAM10	-	⏏	⏏
11	CAM11	-	⏏	⏏
12	CAM12	-	⏏	⏏
13	CAM13	-	⏏	⏏
14	CAM14	-	⏏	⏏
15	CAM15	-	⏏	⏏
16	CAM16	-	⏏	⏏

(2)Check on web:

①Check on Live View interface

If there is a “” icon displayed in live view, it indicates motion detection alarm.



②Check on Status interface












































































Go to 'Status' -> 'Camera Status' interface, if the current channel is recording, it will show “On” on record bar.

Camera Status

Channel	Name	IPv4 Address	Record	Frame Rate	Bit Rate	Resolution	Status
1	CAM1	192.168.14.102	On	23fps	5117Kbps	1920x1080	Connected
2	CAM2	192.168.14.103	On	14fps	3444Kbps	1920x1080	Connected
3	CAM3	192.168.14.105	On	11fps	10563Kbps	4000x3000	Connected
4	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--
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19	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--

Go to 'Status' -> 'Event Status' -> 'Camera Event' / 'Alarm' / 'Smart Event' interface, you can check Camera Event here, including Motion Detection, Smart Event and Alarm Input.

 will turn into  when the corresponding alarm is triggered.

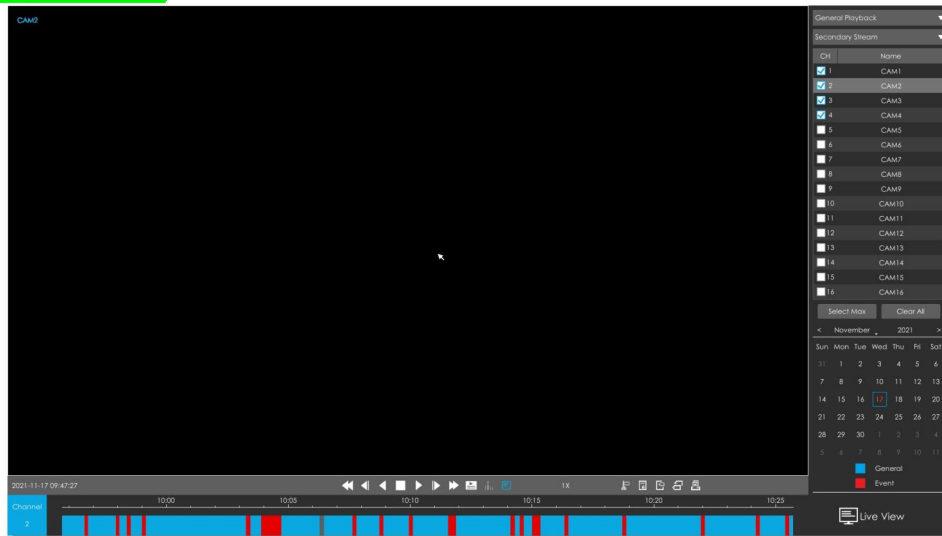
Event Status						
Camera Event						
Channel	Name	IPv4 Address	Video Loss	Motion	I/O	
1	Pro Bullet	192.168.14.102				
2	PTZ Bullet	192.168.14.103				
3	Speed Dome	192.168.14.104				
4	Fisheye	192.168.14.105				
5	CAM5					
6	CAM6					
7	CAM7					
8	CAM8					
9	CAM9					
10	CAM10					
11	CAM11					
12	CAM12					
13	CAM13					
14	CAM14					
15	CAM15					
16	CAM16					
17	CAM17					
18	CAM18					
19	CAM19					
20	CAM20					
21	CAM21					
22	CAM22					
23	CAM23					
24	CAM24					
25	CAM25					

6. Check recording files on playback interface

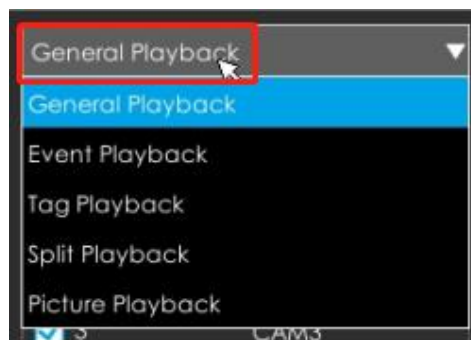
Select 'Menu'→'Playback' interface, there are two ways to check recording files.

(1) Playback on monitor:

General Playback:



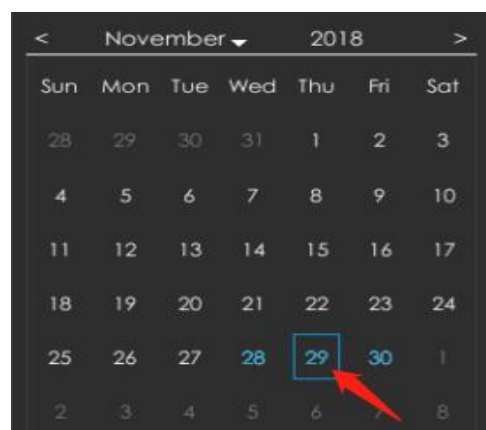
① Select General Playback as playback type.



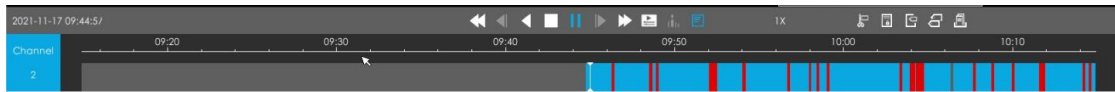
② Select Stream Type and channels you want to do playback.



③ Select date, the day with blue and red letters means that there are record files.



- ④ Every channel will get their own file bar. It will display continuous recording with blue file bar and motion detection recording with red file bar, as shown below.

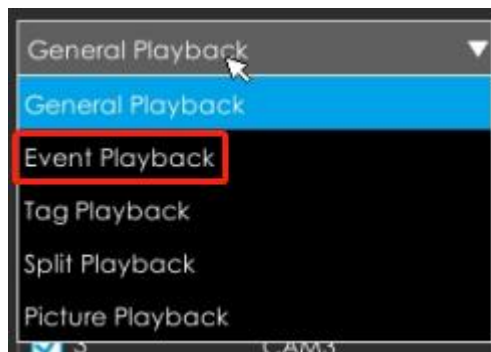


Note:

If you want to check event recording, please check [Event Playback] as shown below.

Event Playback:

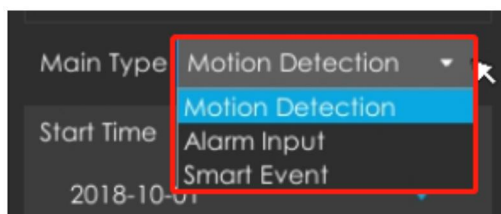
- ① Select Event Playback as playback type.



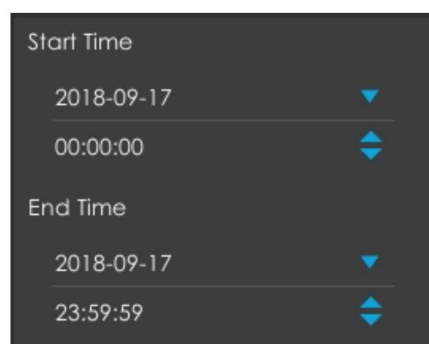
- ② Select Stream Type and channels you want to do playback.



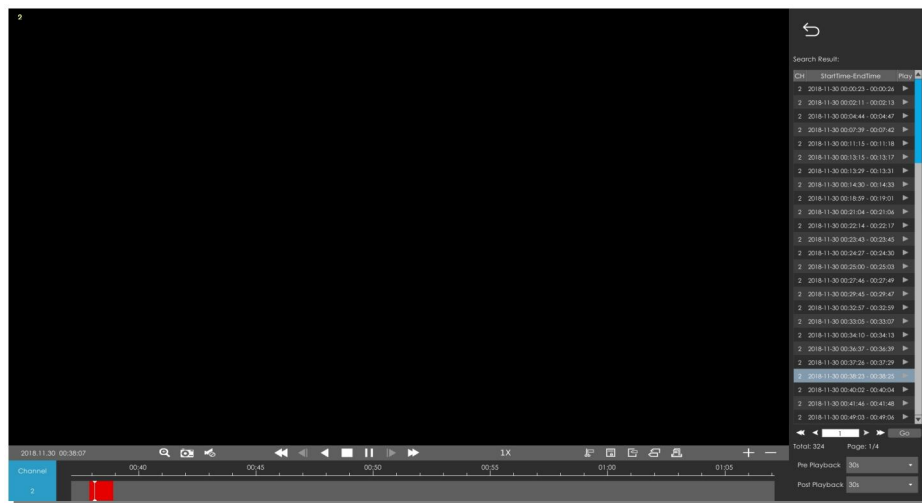
- ③ Select Event Type.




- ④ Select Start Time and End Time, click  to search the record



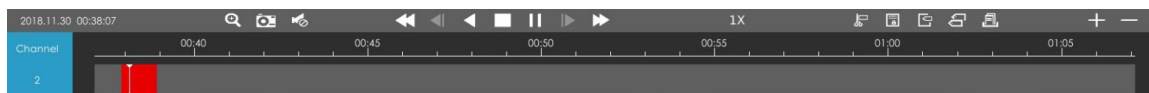
⑤ Click , It would list all videos on the right side of the playback interface.



⑥ Set pre playback and post playback time, then play the video by clicking .



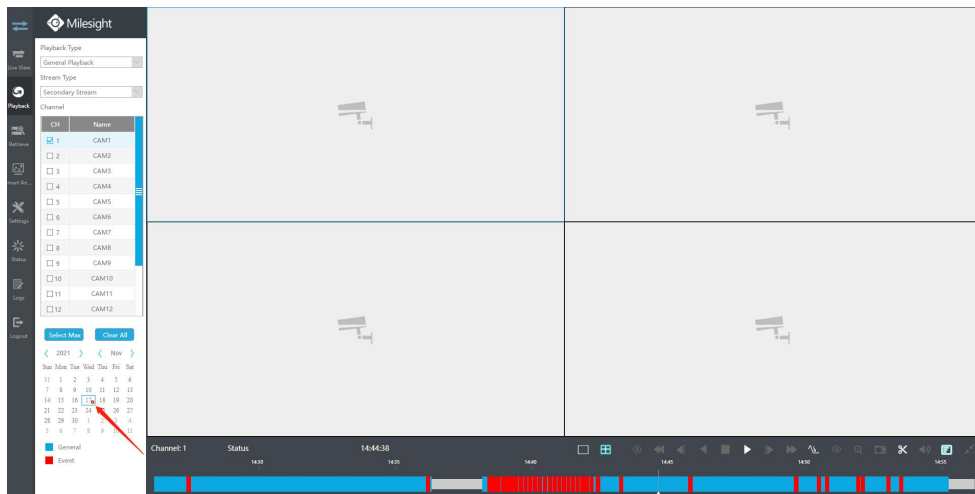
There will display event recording with red file bar on the event playback interface as shown below.



(2) Playback on web:

- ① Select Playback Type and Stream Type.
- ② Check the channel you want to playback.
- ③ Select date, only the day with a red mark means that there are recorded files.

Click  to play.



③The tool bar can display continuous and multi-event record. It shows that in this record period what kind of event has happened. The symbolic meaning of each color is shown below:

Blue ---Continuous

Red --- Event, including Motion Detection, VCA and Smart Analysis.



-END-