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# How to use video

Video integration of BioStar2 – It’s simple integration to see recorded video and picture from NVR for certain log events. For video/picture confirmation, Realtime monitoring is not supported by BioStar2.

[video\\_menu.mp4](#)

Note: To use BioStar2 video feature, you should install BioStar2 **v2.5** server on **x64** machine and configure with **Maria DB** server. If BioStar2 server is installed with MS-SQL, Video feature of BioStar2 v2.5 is not supported.

BioStar2 installation path stores a video file and an image file (C:\Program Files\BioStar 2(x64)\ve\records)

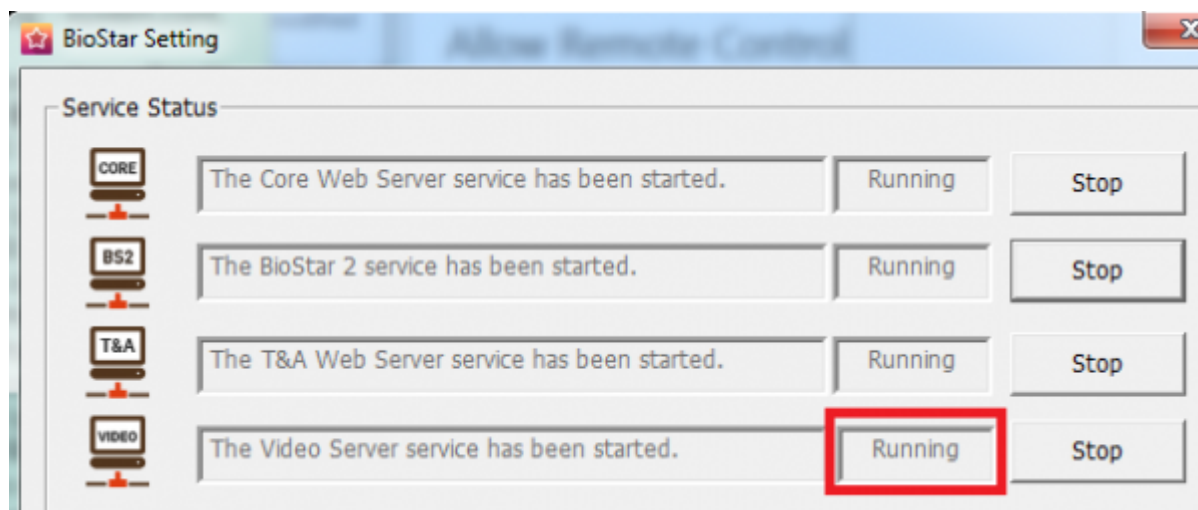
System administrator should manage the storage of HDD

These files will be kept for minimum 2 weeks as default parameter

The period can be adjusted more than 2 weeks (Maximum 15 weeks)

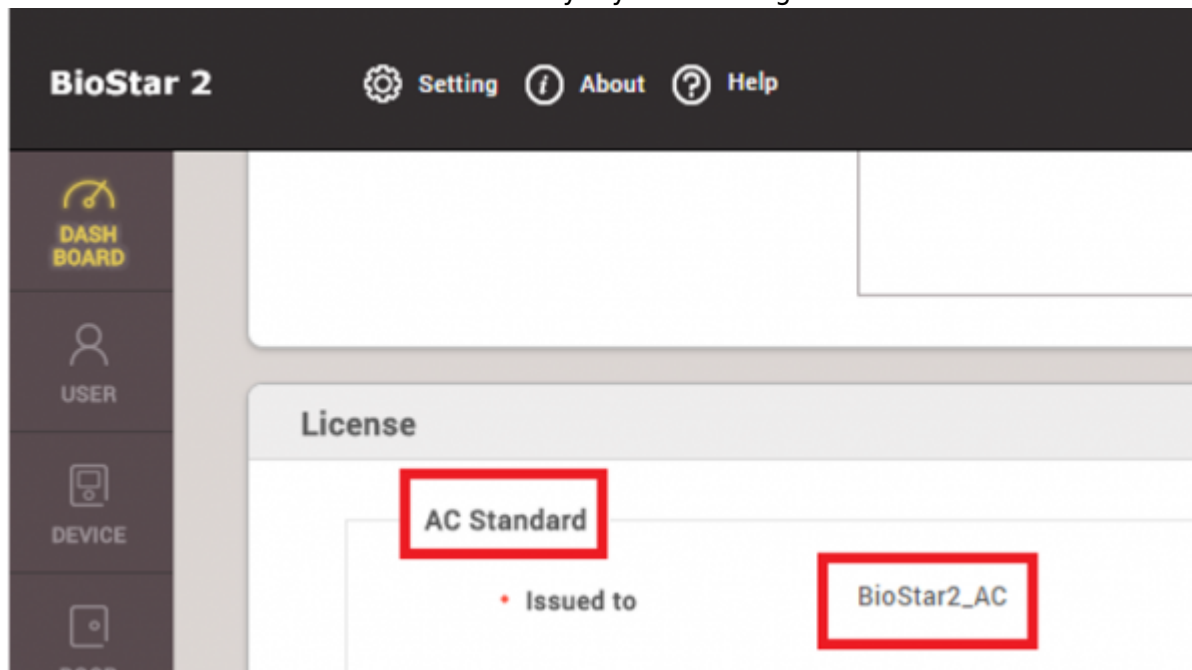
If the remaining storage of C drive is less than 10%, past recording files will be deleted in accordance with BioStar2 setting

1. Confirm if BioStar2 Server machine is installed on x64 machine.
2. Confirm if Video Server of BioStar Setting is running.



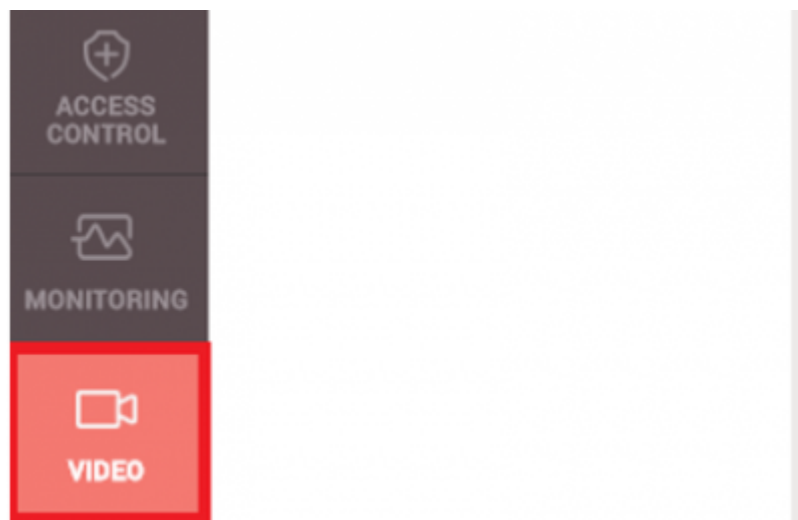
3. Confirm if a license of BioStar2 AC standard is activated. The below figure is for BioStar2 v2.5. You

will need to have Video license additionally if you are using BioStar v2.6.



4. Confirm if you add a device and configure a door. Video configuration will operate in accordance with a log event of a configured door of a device.

5. Click on **[Video]** menu.



**Supported NVR : ACTi, Dahua, Hikvision**

**Please confirm the following information and check your NVR connection with BioStar2 2.5 before you proceed your project.**

1. Hikvision NVR
  - 1) SDK version: v5.2.771
  - 2) Tested NVR list : DS-7608NI-E2, DS-7616NI-E2, iVMS4200 v2.4(PC-NVR)

2. Dahua NVR

1) SDK version: v2.14.50523

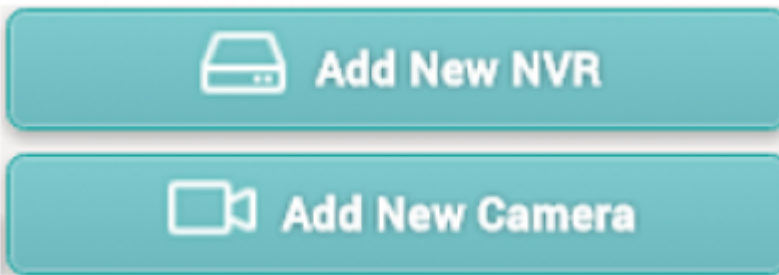
2) Tested NVR list : DH-NVR608-32-4K, DH-NVR4416, SmartPSS V1.13.1.R.20160504(PC-NVR)

3. Acti NVR

1) SDK version: v3.0.12.42

2) Tested NVR list : NVR3 V.3.0.13.27\_20161128 Enterprise(PC-NVR)


6. Click **[Add New NVR]** > Enter information of NVR



### Add New NVR

Name	<input type="text" value="NVR - 14F"/>
Manufacturer	<input type="text" value="Dahua"/>
IP	<input type="text" value="192.168.12.132"/>
Port	<input type="text"/>
ID	<input type="text"/>
Password	<input type="text"/>

### Add NVR

 NVR added successfully.

7. To add a camera of NVR, click **[Add New Camera]** or right click on the NVR list.

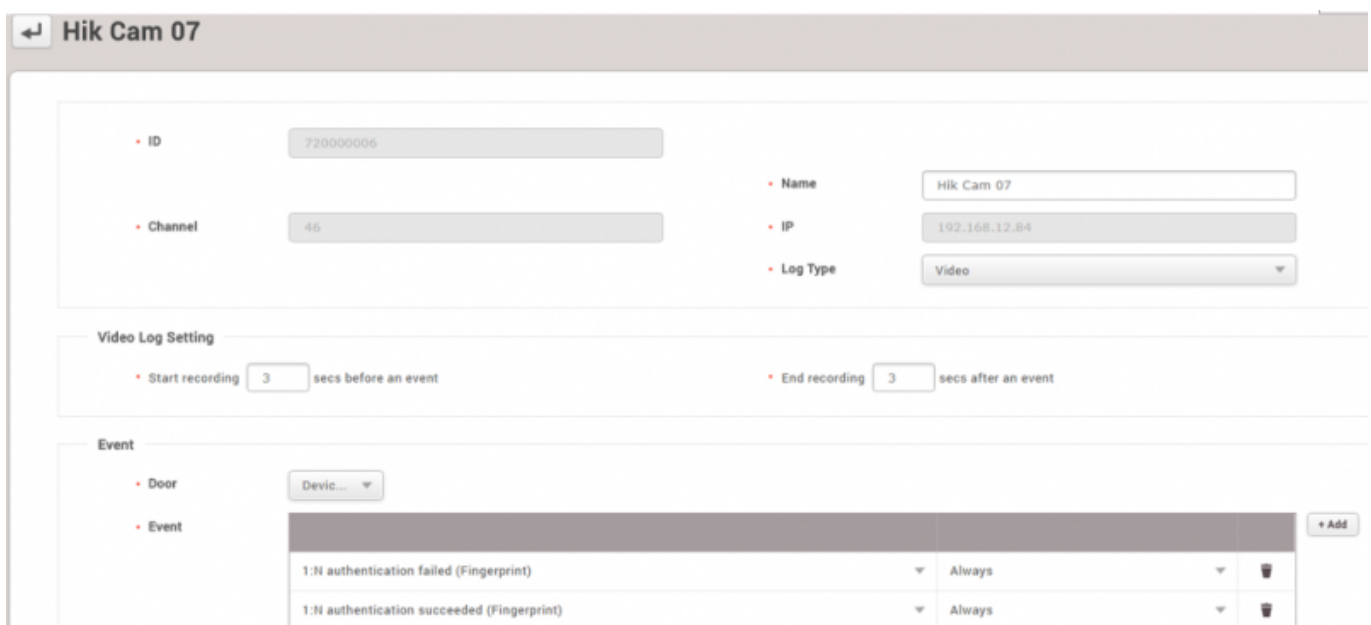


8. Click one of the added camera and confirm the camera and configure certain log event to take a video or picture

**Log type:** Choose one of log types. It supports Video type and Image type

**Door:** Choose one of doors to take a video/image from NVR

**Event:** Choose certain logs from all log list. Biostar2 will keep the recorded video/image for the certain logs



9. Make the certain log event to check the settings with NVR

Biostar2 will indicate the video/image after 3 mins.

10. Go to **Monitoring** menu and click **Event log**

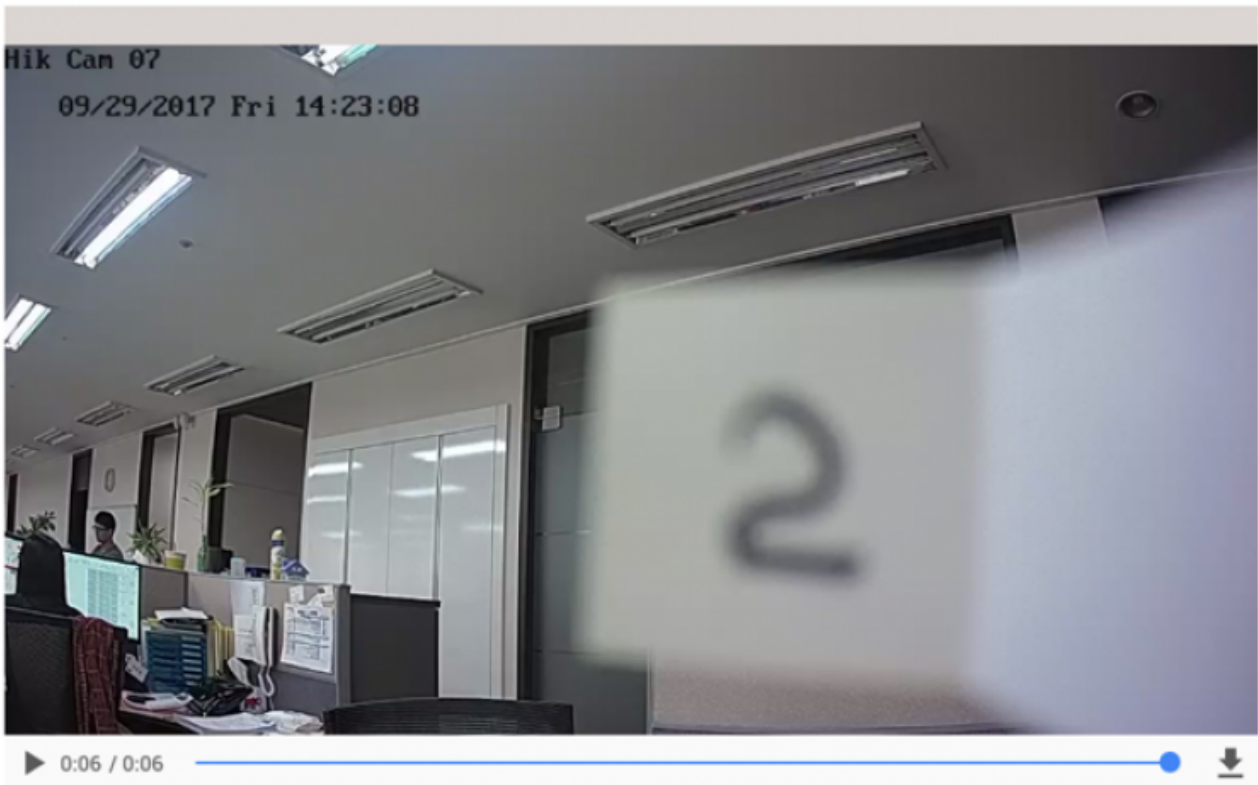
11. Confirm the log event and see **[view]** list. To confirm the recorded data from NVR, click [▶] or an image icon to the view list.

The screenshot displays the 'Event Log' interface. On the left, there is a sidebar with navigation options: Event Log, Real-time Log, Device Status, Door Status, Floor Status, Zone Status, Alert History, and a pop-up for '1:N authentication failed (Fingerprint)'. Below the sidebar is a video player showing a camera feed of a door with the number '2'. The main area is a table of event logs with columns: Date, Device ID, Device, User Group, User, Event, and View. The table contains multiple rows of events, including 'Door unlocked', '1:N authentication succeeded', and '1:N authentication failed'. Two red boxes highlight the play button (▶) and the camera icon in the 'View' column of the table. At the bottom left of the interface, there is a 'Large Screen' button.

Date	Device ID	Device	User Group	User	Event	View
2017/09/29 14:23:12	546832513	BioStation 2 546832513 (...)			Door unlocked	
2017/09/29 14:23:12	546832513	BioStation 2 546832513 (...)	All Users	2449(Kate Yu)	1:N authentication succeeded (Fin...	▶
2017/09/29 14:23:09	546832593	BioStation 2 546832593 (...)			Door unlocked	
2017/09/29 14:23:09	546832593	BioStation 2 546832593 (...)	All Users	2449(Kate Yu)	1:N authentication succeeded (Fin...	
2017/09/29 14:23:08	546832513	BioStation 2 546832513 (...)			Door locked	
2017/09/29 14:23:08	546832513	BioStation 2 546832513 (...)			1:N authentication failed (Fingerpri...	
2017/09/29 14:23:06	546832593	BioStation 2 546832593 (...)			1:N authentication failed (Fingerpri...	▶
2017/09/29 14:23:05	546832513	BioStation 2 546832513 (...)			Door unlocked	
2017/09/29 14:23:05	546832513	BioStation 2 546832513 (...)	All Users	2449(Kate Yu)	1:N authentication succeeded (Fin...	▶
2017/09/29 14:23:02	546832593	BioStation 2 546832593 (...)			1:N authentication failed (Fingerpri...	📷
2017/09/29 14:16:30	700000004	Dahua_d700000004			Add NVR successful	
2017/09/29 14:16:29	700000004	Dahua_d700000004			Add NVR	
2017/09/29 14:14:46	546832513	BioStation 2 546832513 (...)			1:N authentication failed (Fingerpri...	
2017/09/29 14:14:45	546832513	BioStation 2 546832513 (...)			Door locked	
2017/09/29 14:14:42	546832593	BioStation 2 546832593 (...)			1:N authentication failed (Fingerpri...	▶
2017/09/29 14:14:42	546832593	BioStation 2 546832593 (...)			Door locked	

12. If you click on [Large screen] from the left side, you can confirm large size of video file/image file.

1:N authentication failed (Fingerprint) ✕



- Date 2017/09/29 14:23:06
- Device BioStation 2 546832593 (192.168.14.203)
- NVR HikVision
- Channel 46

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