

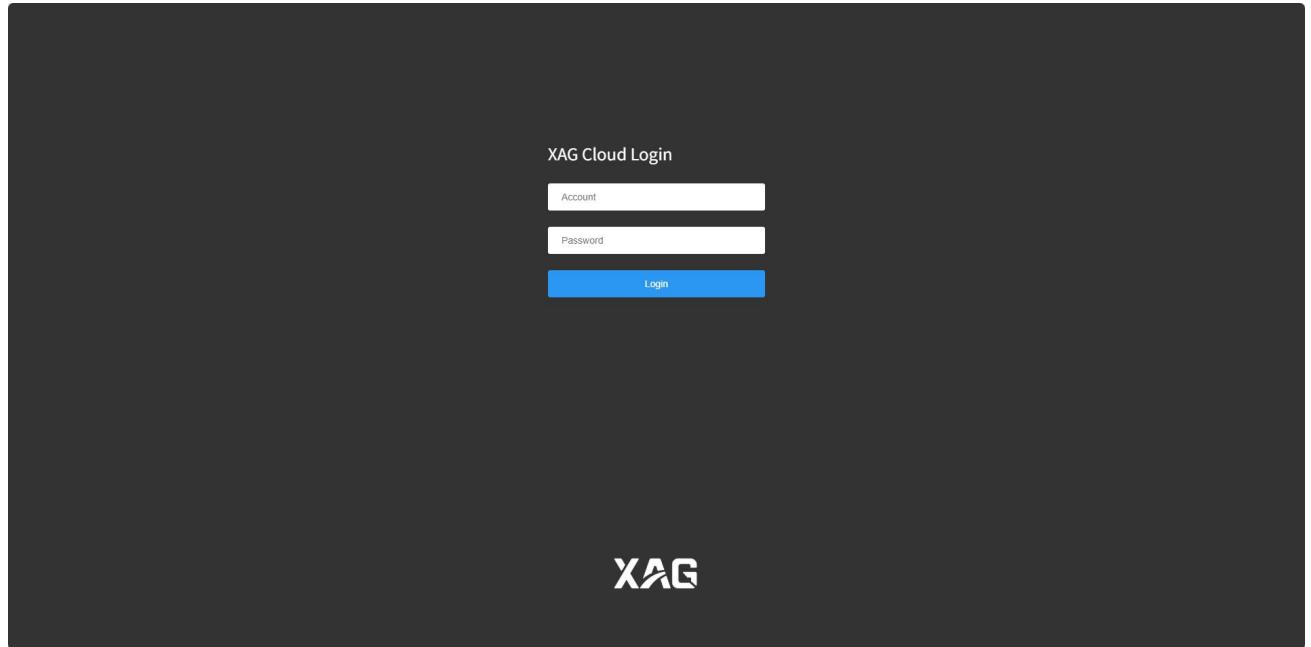
Guide for XAG Cloud

Overview

XAG Cloud (<https://cloud-global.xa.com>) is a website for searching drone's log files and crash video files, analyzing local log files (.log). It is compatible with drones from the 2022 model year and newer.

Introduction

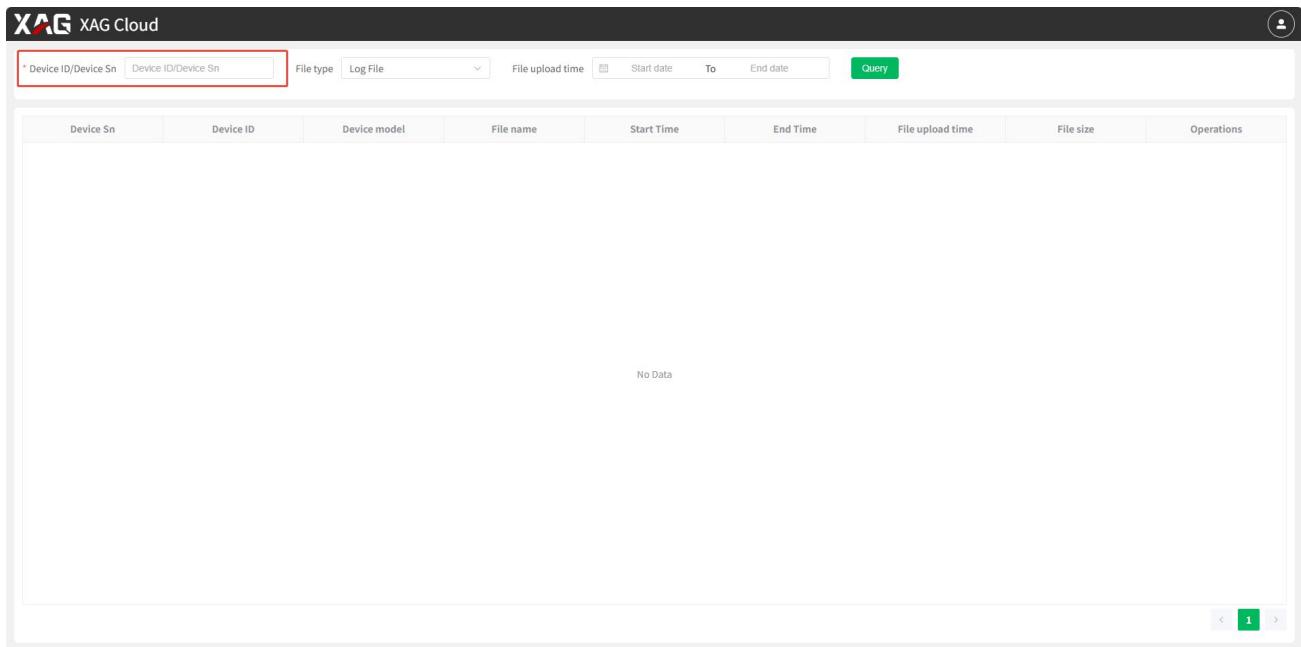
1. Login



When you enter the website, you will be prompted to login in order to use the subsequent features.

Please enter the correct account and password to log in to XAG Cloud.

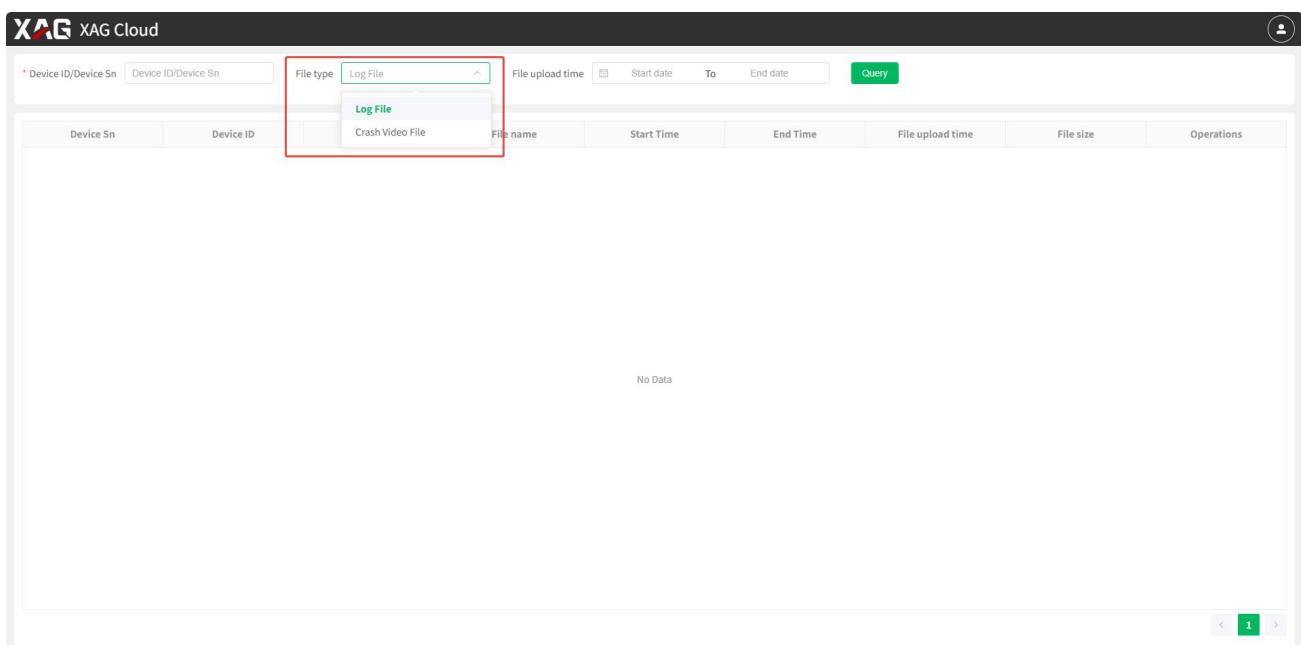
2. Device ID/Device Sn



The screenshot shows the XAG Cloud search interface. At the top, there is a search bar with a red border containing the placeholder text "Device ID/Device Sn" and "Device ID/Device Sn". To the right of the search bar are dropdown menus for "File type" (set to "Log File"), "File upload time" (with "Start date" and "End date" fields), and a "Query" button. Below the search bar is a table header with columns: Device Sn, Device ID, Device model, File name, Start Time, End Time, File upload time, File size, and Operations. The main content area below the table header displays the message "No Data".

Device ID/Device SN is where the device' s serial number is entered. The serial number of every XAG product worldwide is unique, which allows XAG Cloud accurately locate all related product data—including model information, log files, and crash videos—based on the serial number. To proceed with the subsequent search, you need to correctly find the drone' s serial number and enter it in the box.

3. File Type

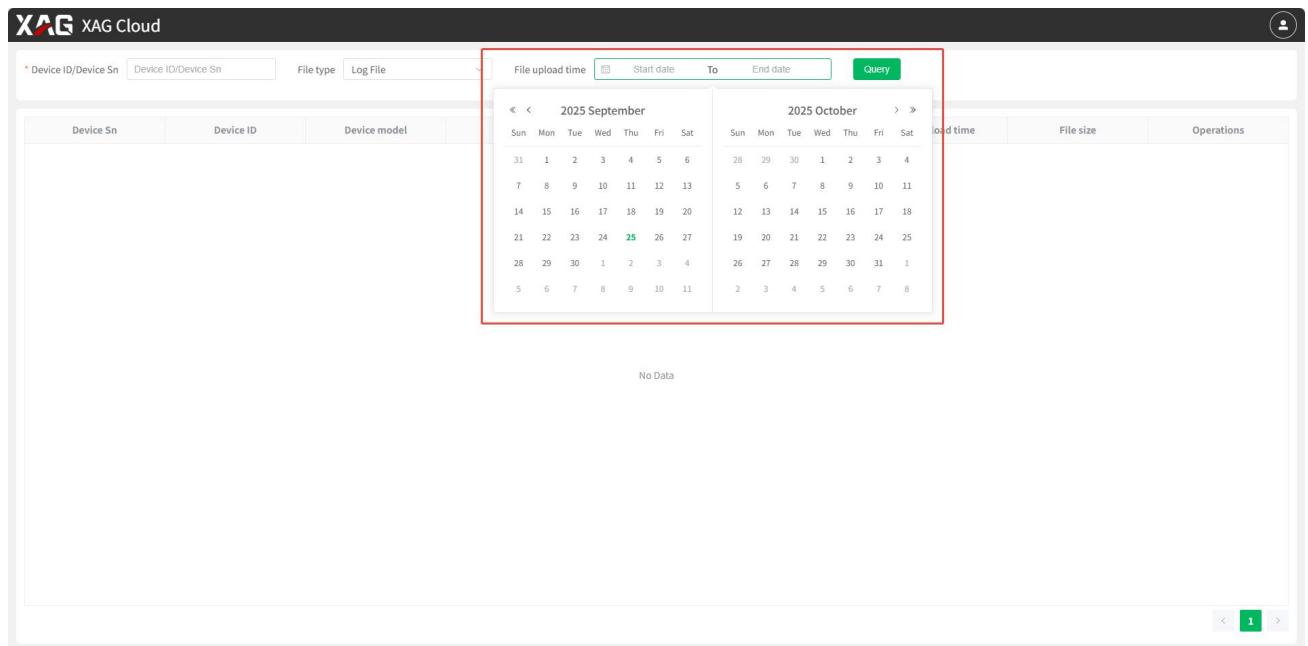


The screenshot shows the XAG Cloud search interface. The "File type" dropdown menu is open, with "Log File" selected and highlighted in green. The rest of the interface is identical to the previous screenshot, including the search bar, table header, and "No Data" message.

In File Type, you can choose the type of file you want to search. There are two options currently: Log File and Crash Video File.

- If you choose Log File, the search results will include the log files uploaded to the cloud by the device, which can be used for data analysis.
- If you choose Crash Video File, the search results will include the videos uploaded to the cloud when the device crashed, typically consisting of up to 30 seconds of footage captured by the drone's camera before the crash.

4. File Upload Time



The screenshot shows the XAG Cloud interface with a search bar for 'File type' set to 'Log File'. Below the search bar is a date picker titled 'File upload time' with a red border. The calendar displays the months of September and October 2025. The 25th of September is highlighted in green. The text 'No Data' is visible below the calendar. The interface includes columns for 'Device Sn', 'Device ID', and 'Device model'.

File Upload Time can let you locate files of the selected type that the device has uploaded to the cloud within a specified time range. The time selection is accurate to the day and follows the YYYY/MM/DD format. When choosing dates, the range can only span a single consecutive day.

Usage

1. Log File Search

Select File Type as Log File, then enter the device serial number and date range you

want to query. After that, click Query to proceed.

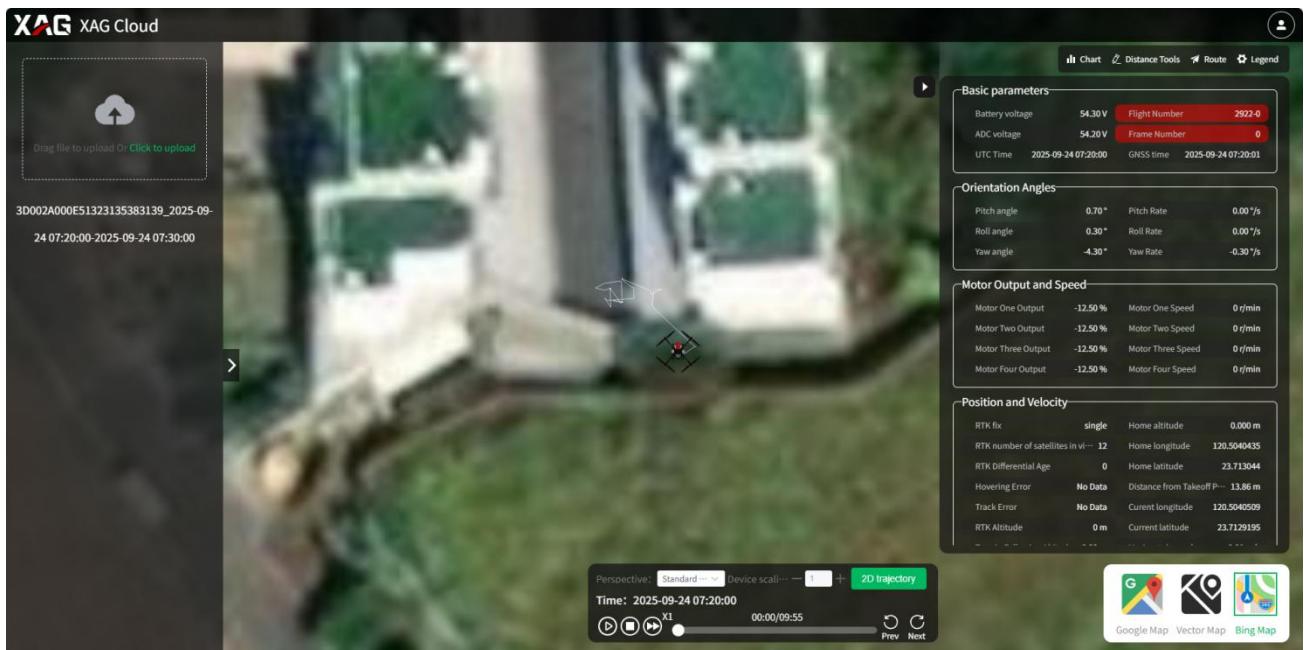
Device Sn	Device ID	Device model	File name	Start Time	End Time	File upload time	File size	Operations
..	813	UAV23	0710	2025-09-24 07:10:00	2025-09-24 07:20:00	2025-09-24 07:10:00	Unknow	<button>View</button>
..	813	UAV23	0720	2025-09-24 07:20:00	2025-09-24 07:30:00	2025-09-24 07:20:00	Unknow	<button>View</button>
..	813	UAV23	0730	2025-09-24 07:30:00	2025-09-24 07:40:00	2025-09-24 07:30:00	Unknow	<button>View</button>
..	813	UAV23	0830	2025-09-24 08:30:00	2025-09-24 08:40:00	2025-09-24 08:30:00	Unknow	<button>View</button>
..	813	UAV23	0840	2025-09-24 08:40:00	2025-09-24 08:50:00	2025-09-24 08:40:00	Unknow	<button>View</button>
..	813	UAV23	0850	2025-09-24 08:50:00	2025-09-24 09:00:00	2025-09-24 08:50:00	Unknow	<button>View</button>
..	813	UAV23	0900	2025-09-24 09:00:00	2025-09-24 09:10:00	2025-09-24 09:00:00	Unknow	<button>View</button>
..	813	UAV23	0910	2025-09-24 09:10:00	2025-09-24 09:20:00	2025-09-24 09:10:00	Unknow	<button>View</button>
..	813	UAV23	0920	2025-09-24 09:20:00	2025-09-24 09:30:00	2025-09-24 09:20:00	Unknow	<button>View</button>
..	813	UAV23	0930	2025-09-24 09:30:00	2025-09-24 09:40:00	2025-09-24 09:30:00	Unknow	<button>View</button>
..	813	UAV23	0940	2025-09-24 09:40:00	2025-09-24 09:50:00	2025-09-24 09:40:00	Unknow	<button>View</button>

Sometimes (In general situation), more than one log file of the drone will be found after the query. In this case, select the log file whose start and end times best match the flight mission, and then click View.

Device Sn	Device ID	Device model	File name	Start Time	End Time	File upload time	File size	Operations
..	813	UAV23	0710	2025-09-24 07:10:00	2025-09-24 07:20:00	2025-09-24 07:10:00	Unknow	<button>View</button>
..	813	UAV23	0720	2025-09-24 07:20:00	2025-09-24 07:30:00	2025-09-24 07:20:00	Unknow	<button>View</button>
..	813	UAV23	0730	2025-09-24 07:30:00	2025-09-24 07:40:00	2025-09-24 07:30:00	Unknow	<button>View</button>
..	813	UAV23	0830	2025-09-24 08:30:00	2025-09-24 08:40:00	2025-09-24 08:30:00	Unknow	<button>View</button>
..	813	UAV23	0840	2025-09-24 08:40:00	2025-09-24 08:50:00	2025-09-24 08:40:00	Unknow	<button>View</button>
..	813	UAV23	0850	2025-09-24 08:50:00	2025-09-24 09:00:00	2025-09-24 08:50:00	Unknow	<button>View</button>
..	813	UAV23	0900	2025-09-24 09:00:00	2025-09-24 09:10:00	2025-09-24 09:00:00	Unknow	<button>View</button>
..	813	UAV23	0910	2025-09-24 09:10:00	2025-09-24 09:20:00	2025-09-24 09:10:00	Unknow	<button>View</button>
..	813	UAV23	0920	2025-09-24 09:20:00	2025-09-24 09:30:00	2025-09-24 09:20:00	Unknow	<button>View</button>
..	813	UAV23	0930	2025-09-24 09:30:00	2025-09-24 09:40:00	2025-09-24 09:30:00	Unknow	<button>View</button>
..	813	UAV23	0940	2025-09-24 09:40:00	2025-09-24 09:50:00	2025-09-24 09:40:00	Unknow	<button>View</button>

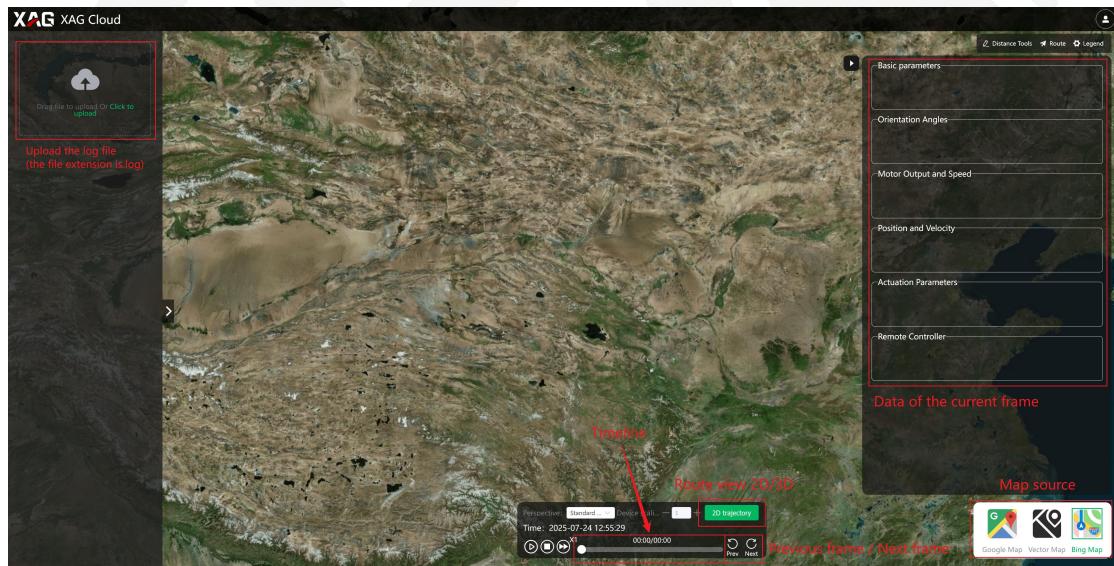
After clicking View, XAG Cloud will automatically parse the log file and open a new page in the browser to **XAG Cloud Log Analysis System**. On this system, you can view complete flight information and parameters for the drone sortie you choose to

view, including but not limited to Basic Parameters, Orientation Angles, Motor Output and Speed, Position and Velocity, Actuation Parameters, Remote Controller Info, and Sorties Message.



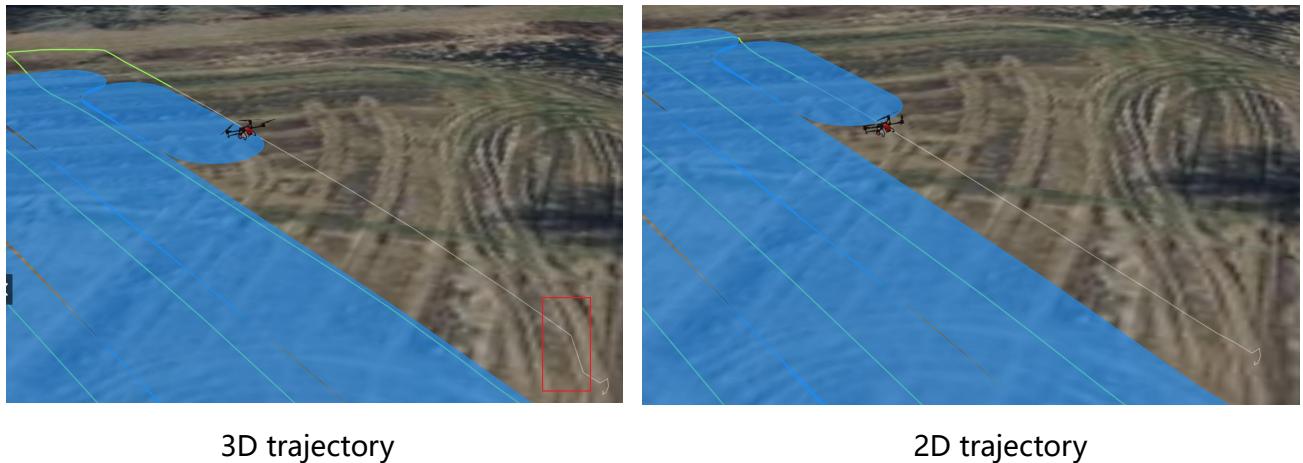
Detail about XAG Cloud Log Analysis System:

1) Introduction



The time is in UTC+8.

2D /3D trajectory : The 3D trajectory records the route altitude information of the drone, making it convenient to view the flight status of the drone.

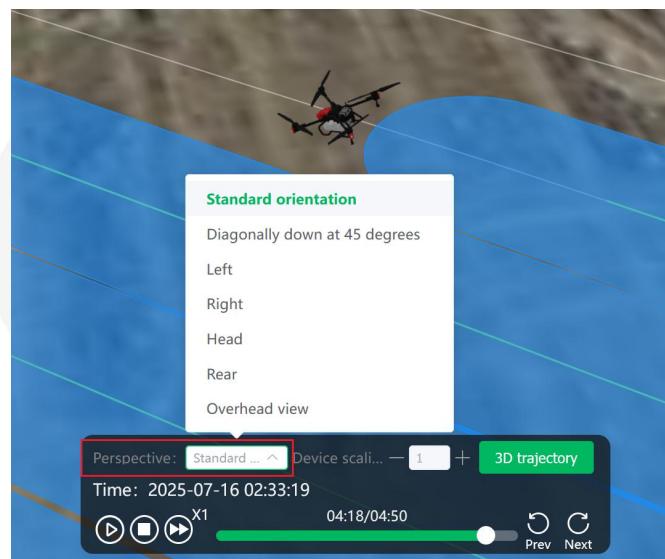


3D trajectory

2D trajectory

Map source: Different map source options are available to bottom right corner.

View: Select to switch in Perspective or use the mouse to switch.



Perspective: Select to switch perspectives.

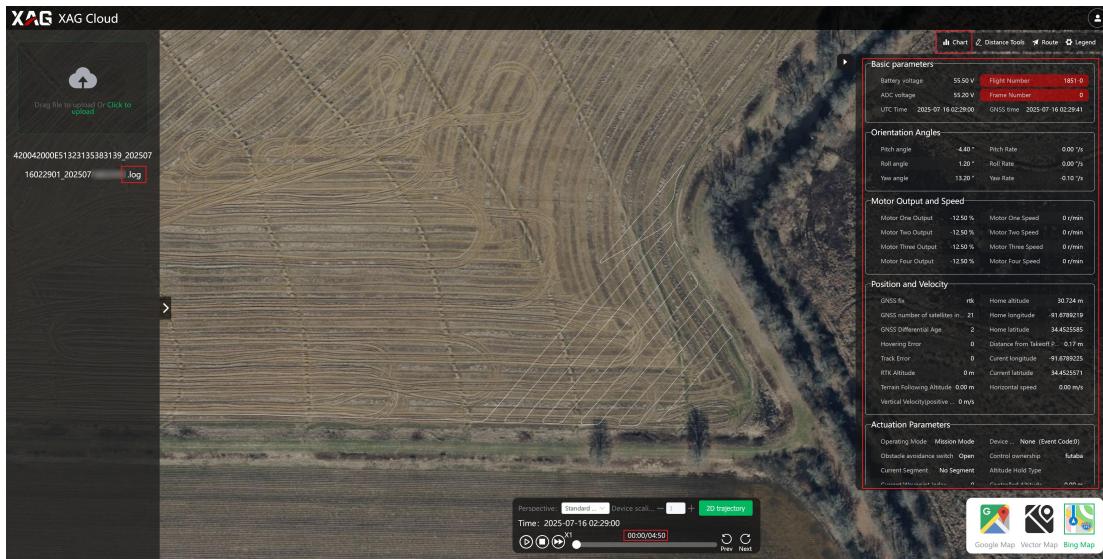
Mouse:

- ① Long press the left mouse button or scroll wheel and drag to move the map interface.
- ② Long press the right mouse button to rotate the map view.
- ③ Scroll the mouse wheel to zoom in or out of the map.

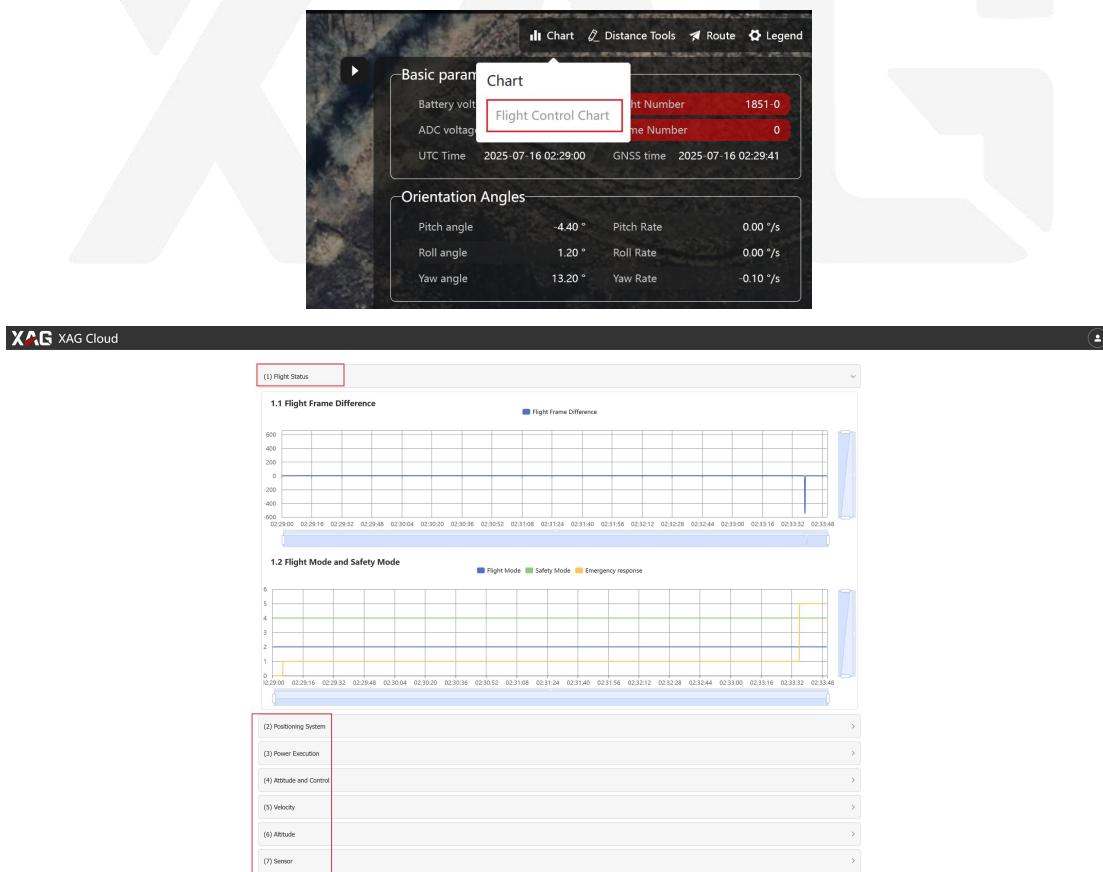
2) Usage method

- ① The flight parameters of the drone are shown on the right.

The drone's flight time and timeline will be updated at the bottom.



② Click Chart in the upper right corner, and another page will pop up. Select the classification interface to expand or collapse the flight parameter chart.



③ There is a slider at the bottom and on the right side of each chart, which is used to

zoom in/out the chart for easy data viewing.



④ Analyze the drone crash data in combination with other relevant data.

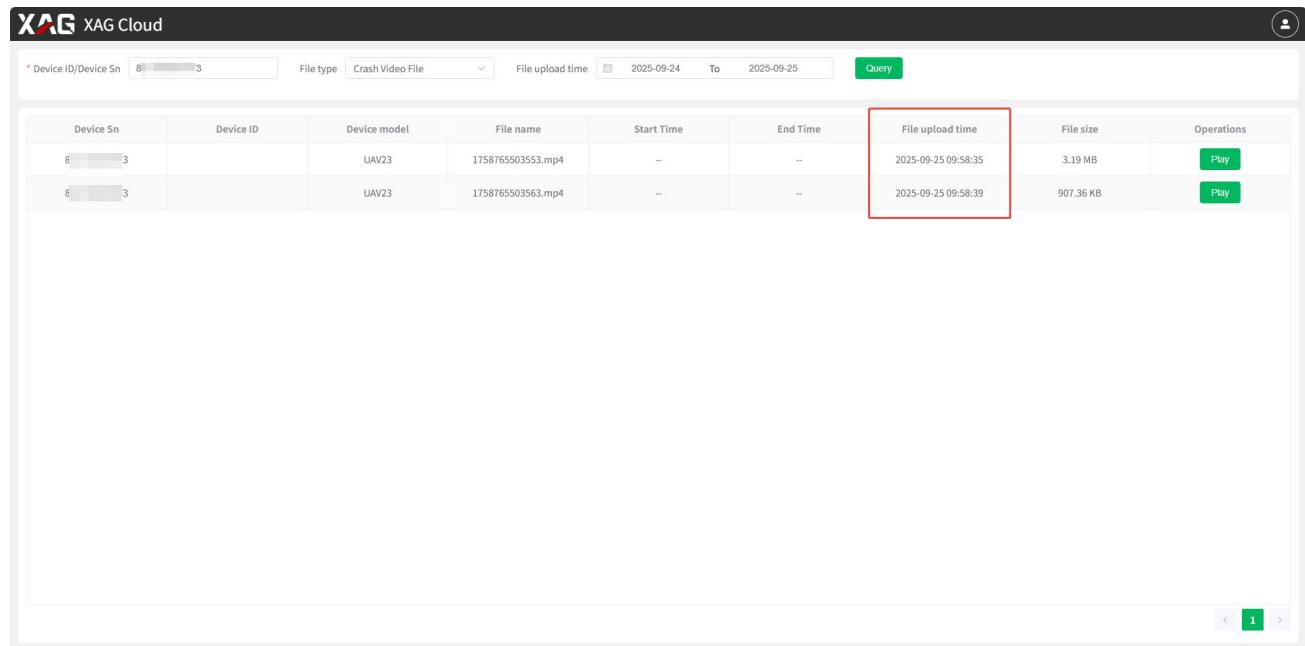
2. Crash Video File Search

Select File Type as Crash Video File, then enter the device serial number and date range you want to query. After that, click Query to proceed.

Device Sn	Device ID	Device model	File name	Start Time	End Time	File upload time	File size	Operations
8 3	3	UAV23	1758765503563.mp4	--	--	2025-09-25 09:58:35	3.19 MB	<button>Play</button>
8 3	3	UAV23	1758765503563.mp4	--	--	2025-09-25 09:58:39	907.36 KB	<button>Play</button>

Sometimes, more than one crash video file of the drone will be found after the query.

In this case, select the crash video file whose upload time best match the flight mission, and then click Play.



Device Sn	Device ID	Device model	File name	Start Time	End Time	File upload time	File size	Operations
8 [redacted] 3		UAV23	1758765503553.mp4	--	--	2025-09-25 09:58:35	3.19 MB	<button>Play</button>
8 [redacted] 3		UAV23	1758765503563.mp4	--	--	2025-09-25 09:58:39	907.36 KB	<button>Play</button>

After clicking Play, XAG Cloud will automatically search the crash video file and open a new page in the browser. You can click the rotate button in the upper-left corner to rotate the video clockwise or counterclockwise. While playing the video, you can drag the progress bar to view footage at a specific time. In the lower-right corner of the video, you can choose to play the video in full screen or in picture-in-picture mode.

