

Skydio Livestreaming Setup

Livestreaming in DroneSense from a Skydio drone is different from other supported UAS devices. Rather than flying the DroneSense Mobile app, Skydio users will fly their devices on the Skydio app on the controller and stream data directly from the Skydio cloud to DroneSense. Video and telemetry will stream to OpsHub, and flight, hardware, and pilot records will be created on the DroneSense Web portal.

This document is designed to walk you through all the steps needed to connect Skydio to DroneSense.

IMPORTANT: The pilot associated with the aircraft **must have an account with the same email address** for both DroneSense **and** their Skydio account for these steps to work.

Skydio Configuration

You will need to have the Skydio support team enable access to the webhooks, live streaming, and live telemetry settings for your organization's Skydio account. Without these features enabled, you will not be able to see the links and tabs referenced in the numbered sections below.

1: Webhook Setup

Complete the following steps to configure the webhook:

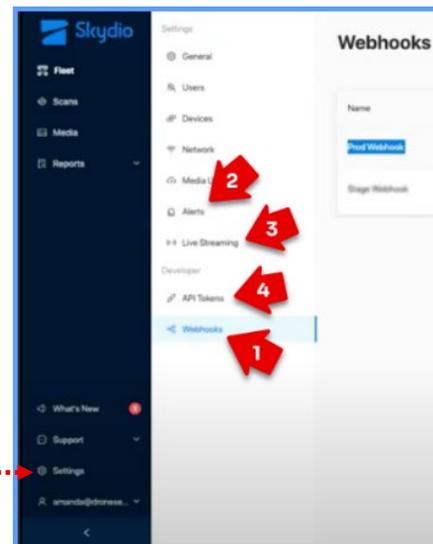
1. Log in to cloud.skydio.com and click **Settings**.
2. In the **Developer** section, select **Webhooks** (callout #1).
3. Click **Create Webhook** at the top right.
4. Provide a name for the webhook and enter the following address for the URL:

<https://external.dronesense.com/v1/externalintegrations/skydio>

2: Alerts Setup

Now that the webhook is configured, you will need to configure Alerts:

1. Within the Settings tabs, select **Alerts** (2) and click **Add Alert** at the top right.
2. Provide a name for the alert and select **Live Stream Status Change** from the **Event type** dropdown.
3. Enable the alert to whatever drones the agency wants OR you can apply it to the entire organization.
4. Enable the **Webhook** toggle and select the webhook you created in the previous section.
5. If you want an email to be sent for a live streaming event, enable the **Email** toggle and enter the preferred email address.
6. Click **Add Alert** when you are finished.



3: Live Streaming Setup

The final set of steps for Skydio configuration are for live streaming:

1. Under **Settings**, select **Live Streaming** (3). There should be two sections - *RTSP Streaming* and *Live Telemetry*. If you don't see both sections, Skydio has not turned on both features for the account.
2. Toggle both settings to **on**.

Now that the Skydio Webhook, Alerts, and Live Streaming settings are configured you will need to obtain the Skydio API key you will enter during the DroneSense steps.

4: Retrieving Your Skydio API Token and Token ID

Now that the Skydio configuration steps are complete, you will need to get the token information that DroneSense uses to connect. Complete the following to get the Skydio API Token and Token ID:

1. In cloud.skydio.com, open **Settings** and click **API Tokens** (4) in the Developer section.
2. Click **Generate Token** in the upper right.
3. The page that appears prompts you to select which data to include. We currently recommend setting every item to **Read-only**. At minimum, you will need to set **Batteries, Flight Telemetry, Flights, Live Stream, Live Telemetry, Users, Vehicles, and Webhook Validation** to Read-only.
4. Click **Generate**. It will then provide you with your **Token** – copy this and save it to a safe location. This value will be used as the *API Key* in DroneSense.
5. Click the three buttons on the right side of the token and select **Copy Token ID**. Paste this info into a safe location. This value will be used as the *API Key ID* in DroneSense.

DroneSense Configuration

Complete the following steps to add the Skydio Token and Token ID to your DroneSense account to connect to Skydio.

1. As an administrator, go to web.dronesense.com and open the **Admin > Organization Settings** page.
2. Scroll down to the **API Integrations** section.
3. Fill out the fields in the Skydio subsection. The API Key ID is the Token ID and the API Key is the Token you copied from Skydio.
4. Select a default mission that your Skydio flights will appear in by default. **IMPORTANT:** Be sure the default mission you selected as the default has mission sharing enabled.

REMINDER: Each pilot associated with a Skydio aircraft *must have a profile that uses the same email* for both DroneSense and Skydio, or the data will not sync.

Processing of Skydio Flight Records

For each the Skydio API Key, each aircraft must have been flown at least once to show up as hardware and flight records in the DroneSense web view. Depending on the number of previous Skydio flights, it may take some time to completely process and upload the flight data.

DroneSense Support Resources

Our Support team is available 24-7 to help you with any issues you might encounter when completing these configuration steps:

- **Web:** support.dronesense.com
- **Email:** help@dronesense.com
- **Phone:** 833-DS HELP-5 (833-374-3575)