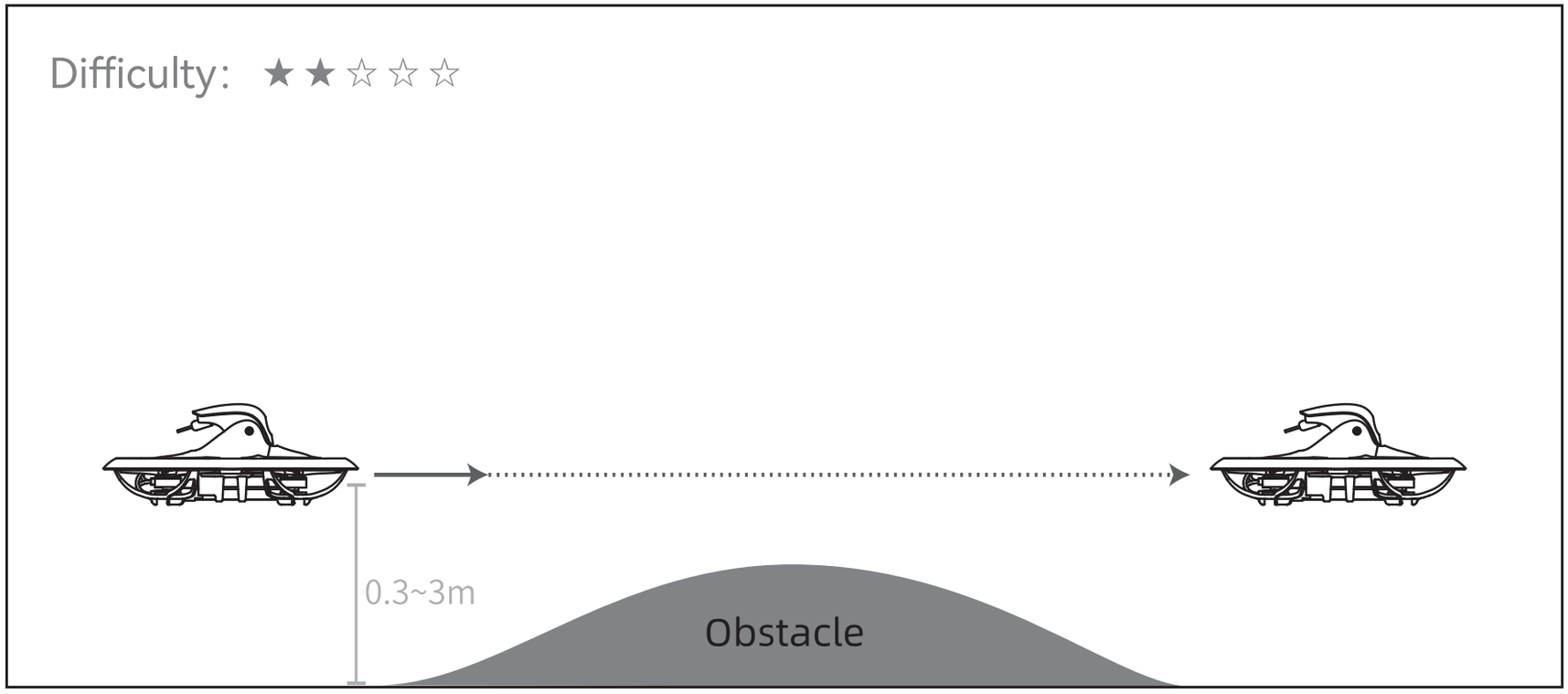
QUICK START GUIDE

Cetus X FPV Kit (Cetus Flight Controller Version)

1. Normal Mode

N MODE is displayed in the OSD. The quadcopter has the auxiliary function for both vertical and horizontal flight. The quadcopter maintains a fixed altitude when both joysticks are moved to the center. The operation is relatively simple. Novice pilot can achieve simple flight with a little practice.



Note1: When flying in Normal Mode, please try to choose an indoor or outdoor environment without wind. Keep the flight altitude within 0.3-3m. For more details and information about flight mode, please refer to User Manual Chapter 3.5 and 4.1.

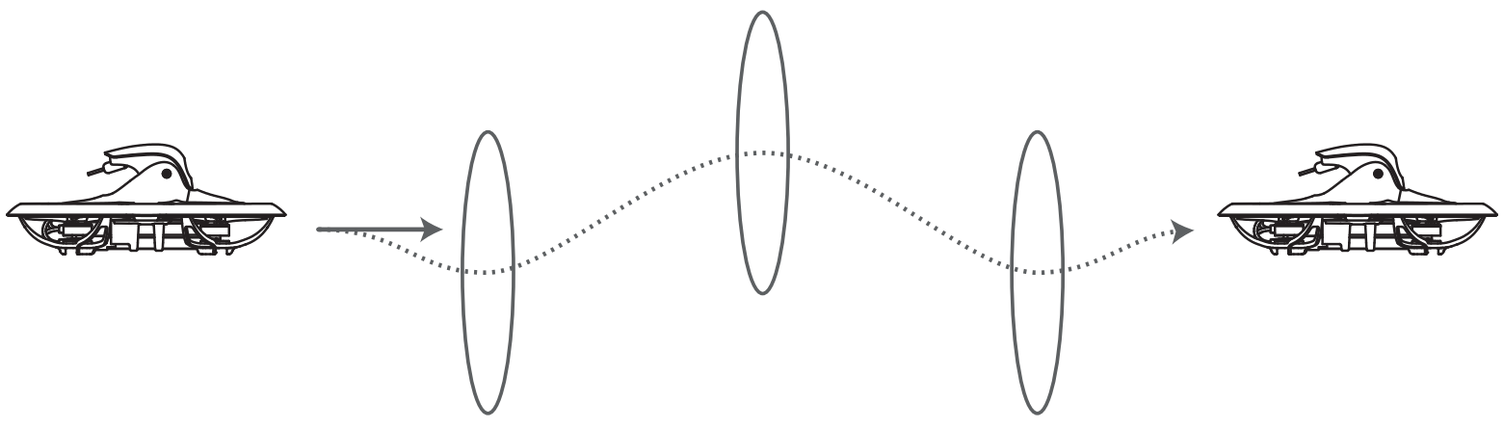
Note2: In Normal Mode, a harsh flying environment may lead to an unsatisfactory flying experience. Please avoid flying in the following environments:

- Above water surface or smooth ground (which will affect the auxiliary function for horizontal flight, resulting in inaccurate positioning)
- Intense sunlight or pure black ground (which will affect the auxiliary function for vertical flight, resulting in inaccurate altitude control);
- High wind (which will affect the overall flight).

2. Sport Mode

S MODE is displayed in the OSD. It has no auxiliary flight function. Pilot needs to control the flight altitude by operating the throttle joystick. The quadcopter will maintain a horizontal attitude when the direction joystick is moved to the center. This mode features difficult operations and is suitable for skillful pilot.

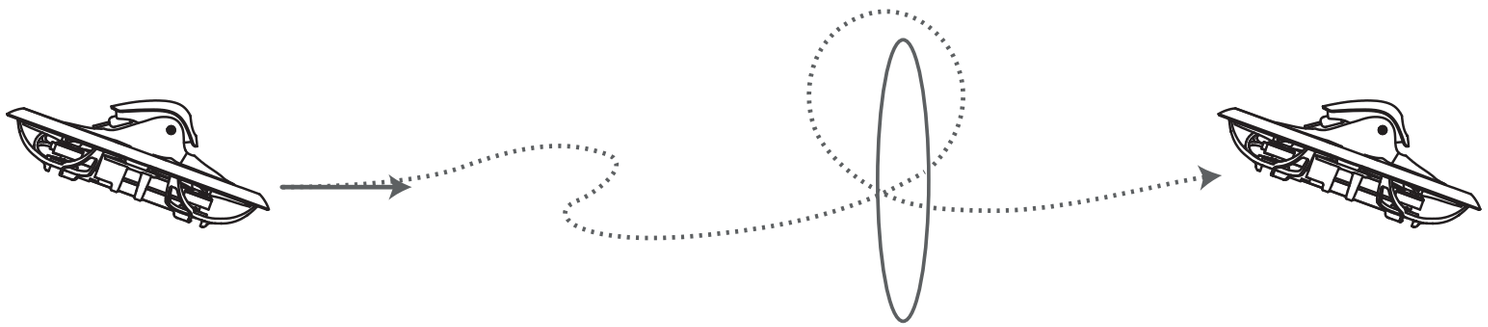
Difficulty: ★★★½☆



3. Manual Mode

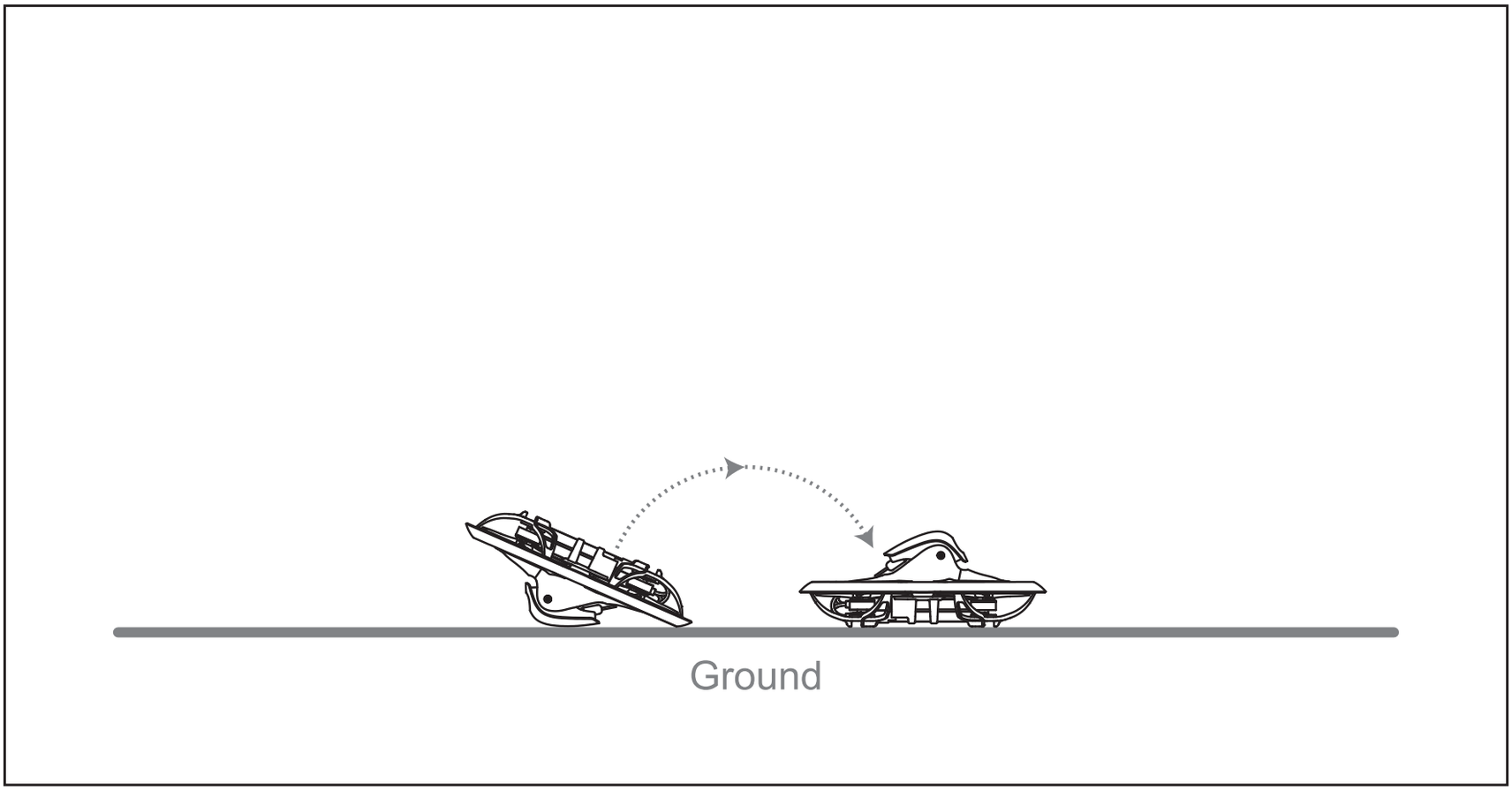
M MODE is displayed in the OSD. The quadcopter has no auxiliary flight function. The altitude and attitude of the quadcopter are manually controlled by pilot. The quadcopter will maintain its current attitude when the direction joystick is moved to the center. Acrobatic flight is possible. The operation is difficult and pilot needs a lot of practice.

Difficulty: ★★★★★



4. Turtle Mode

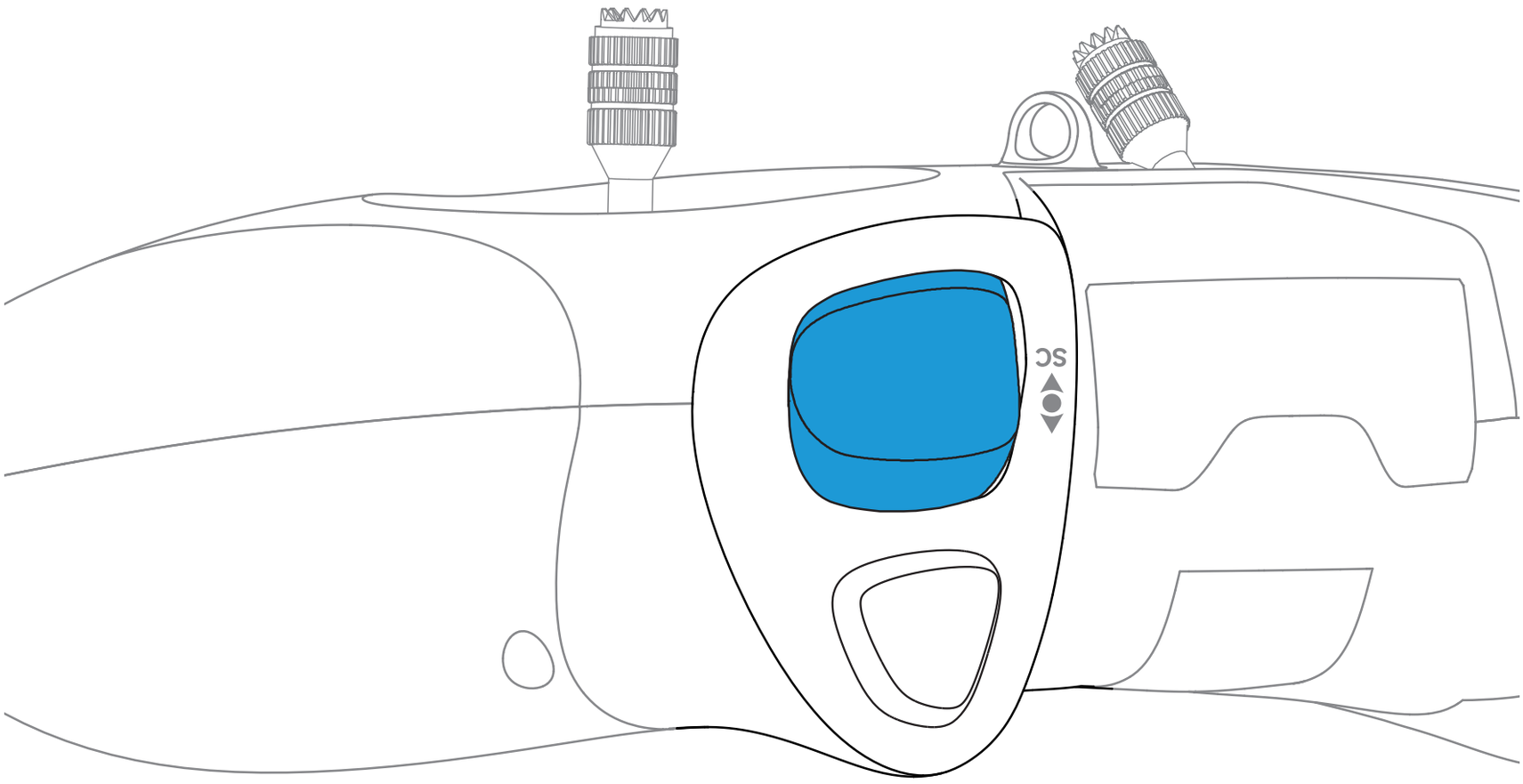
TURTLE is displayed in the OSD. If the quadcopter crashes into the ground and the fuselage is flip, the turtle mode can be activated to reverse the motor and turn the quadcopter back to the front.



5. Speed Switch

The speed threshold of quadcopter can be controlled by the Switch SC on the remote control radio transmitter:

- It is low gear if switch SC is down (SLOW).
- It is middle gear if switch SC is in the middle (MID).
- It is high gear if switch SC is up (FAST).



Move the Switch SC Up and Down to Change the Speed Threshold

6. Drone Drift Troubleshooting

In Normal Mode, the optical flow positioning function of Cetus X quadcopter is turned on by default, which provides an auxiliary function for horizontal flight. Here is 3 ways to fix the drone dift.

Step One: Motor issues, uneven weight distribution, and loose or damaged propellers.

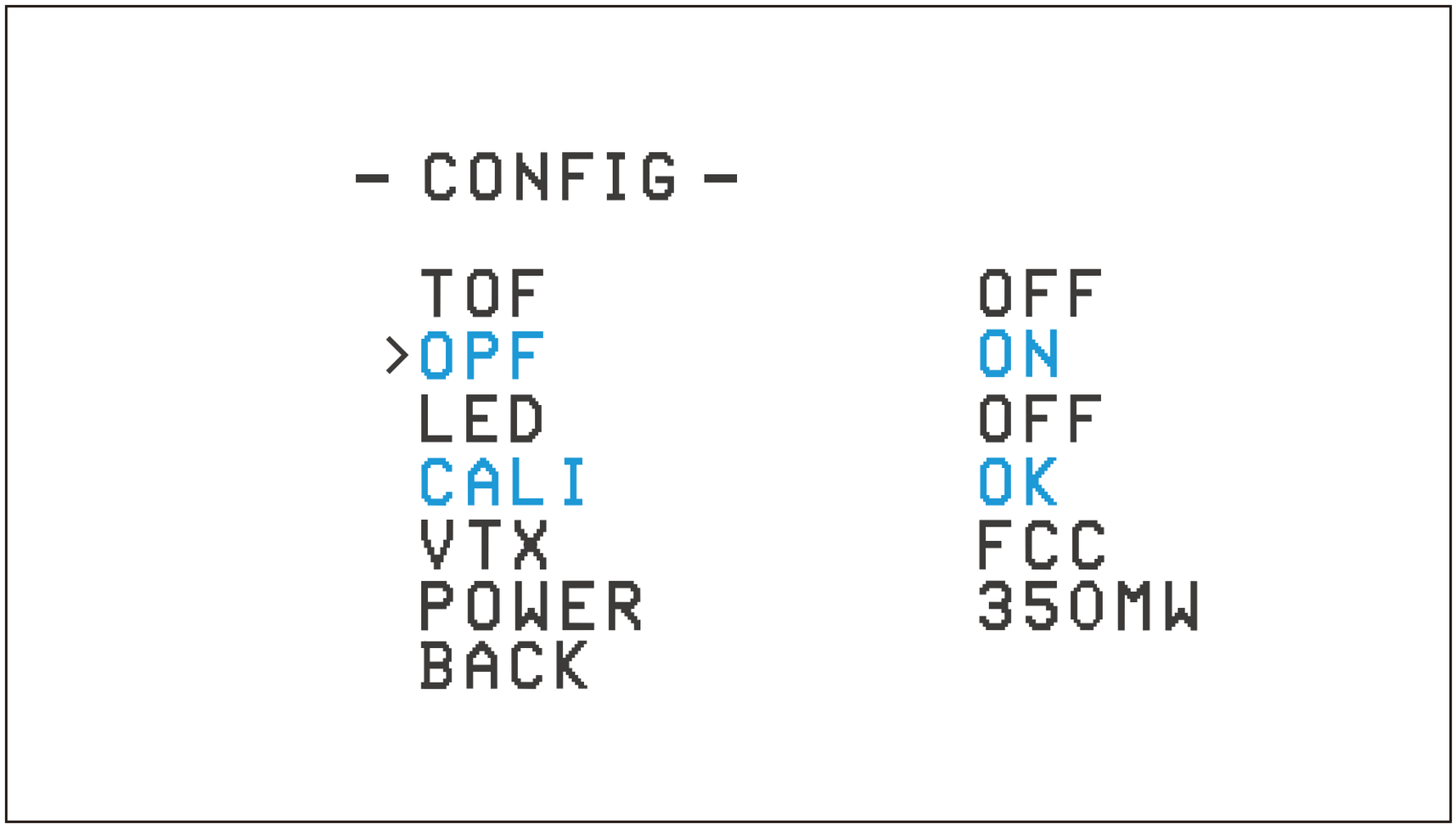
Step Two: Environmental factors like extreme wind, dimly light, above the water surface etc.

If the quadcopter needs to fly in an unsatisfactory environment, the optical flow positioning function should be turned off. The quadcopter will lose its auxiliary function for the horizontal flight when the positioning function is turned off. Pilot needs to manually adjust the horizontal position of the quadcopter and this requires better skills (Difficulty: ★★★☆☆).

Step Three: Recalibrate the drone manually in the OSD menu.

How to calibrate the sensor or turn off/on the optical flow positioning function:

- Operate the remote control radio transmitter to access the OSD setting menu;
- In the MAIN menu, select CONFIG and access the CONFIG menu, as shown below;
- Select CALI and enter the calibrating status. The blue LED will flash quickly first and be solid on when calibration finished. Make sure the drone is level status when calibrating.
- Select OPF and change it to OFF (turn off positioning)/ON (turn on positioning), and then select BACK to exit the CONFIG submenu;
- Select SAVE in the MAIN menu to exit the OSD setting menu.



For the steps to calibrate the drone sensor, please refer to the chapter of “Advanced Functions”.