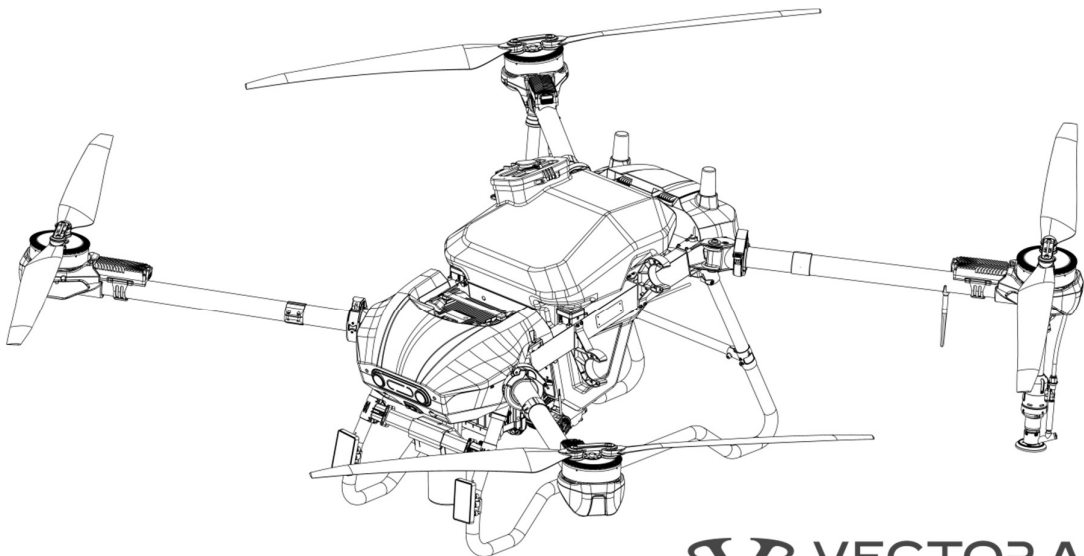


Agricultural Drone Instruction Manual

Introduction to manual flight operation

Version 1.0

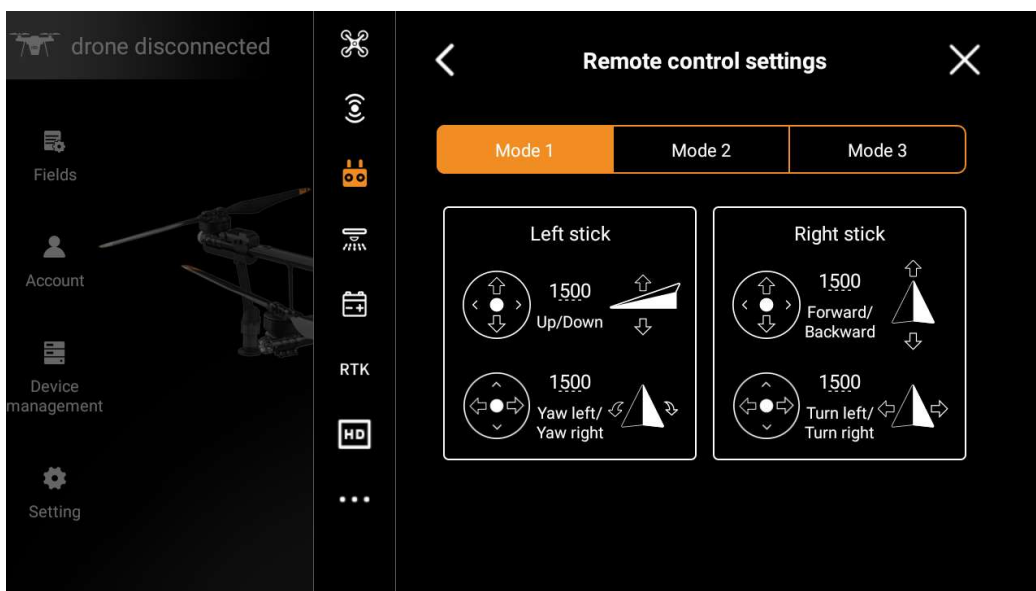


 VECTOR AGR

Introduction to manual flight operation

1. Drone control

The rocker control mode is divided into American hand, Chinese hand and Japanese hand.



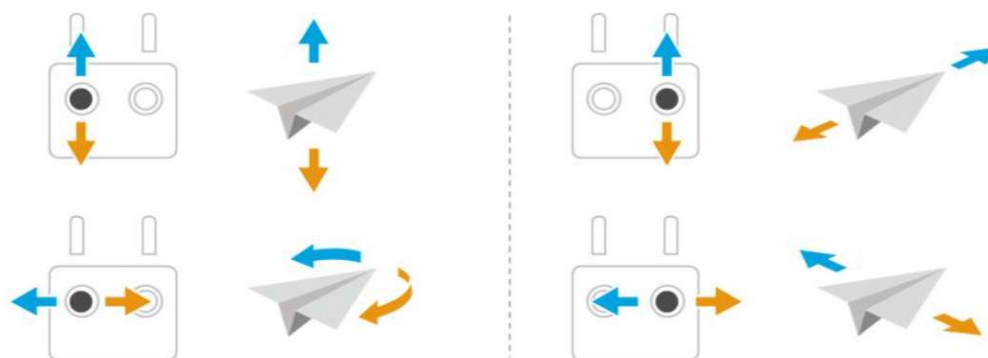
The default control mode of the remote control is American hand (Mode 1) when it is manufactured. This manual takes American hand (Mode 1) as an example to explain the control mode of the remote control.

pay attention to :

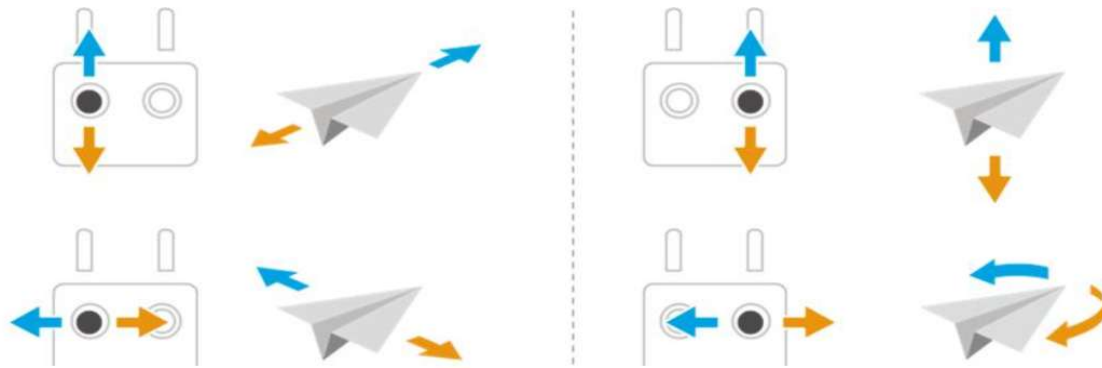
Do not unlock take-off at will in the uncertain lever mode

To control the joystick, you need to set the joystick mode according to your own control habits

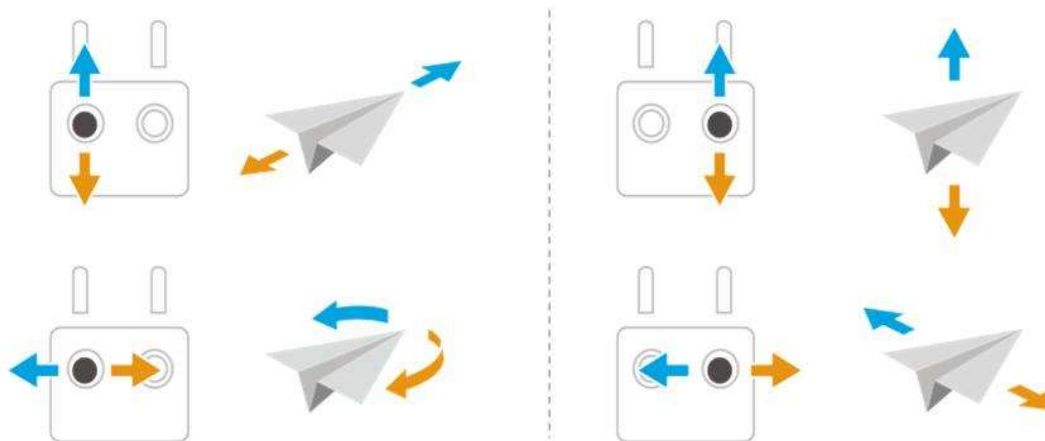
American hand (Mode 1)



Chinese hand (Mode 2)



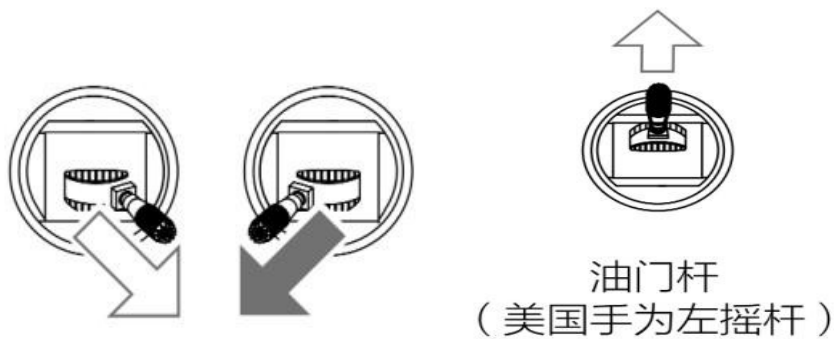
Japanese hand (Mode 3)



2. The aircraft is unlocked

Flight lock method: internal eight lock;

Operation guidelines: When unlocking, move the left lever down and to the right to its maximum travel (reaching the minimum rod position longitudinally and the maximum rod position laterally), and move the right lever down and to the left to its maximum travel (reaching the minimum rod position both longitudinally and laterally), ensuring both levers are moved simultaneously. Refer to the diagram for the operation method. Then, push the throttle lever up to take off.



3. Manual landing

Pull the throttle lever down until the aircraft lands on the ground. After landing, the motor can be stopped by the following methods:

After the aircraft lands, pull the throttle lever to the lowest position and keep it. After 5 seconds, the motor stops and release the joystick after stopping.



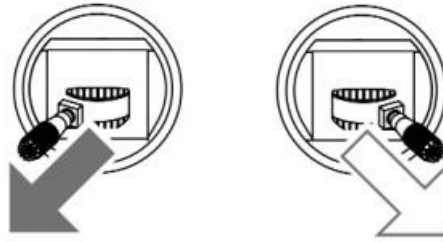
- The high-speed rotating propeller is dangerous, so you should keep a safe distance from the aircraft and keep the aircraft away from people and animals when using it Objects or other obstacles.

Keep the remote control in your hand and make sure the aircraft is fully under control until the motor stops.

Do not stop the motor during flight, otherwise the aircraft will crash. Unless there is a special situation (such as

The aircraft may hit a crowd), and the motor needs to be stopped urgently to minimize damage.

- After landing, please turn off the aircraft first, and then turn off the remote control.
- Emergency locking mode of aircraft: external eight locking;
- Operation Tips: When locking, ensure the left joystick moves down and to the left to its maximum travel (reaching the minimum rod position both longitudinally and laterally), while the right joystick moves down and to the right to its maximum travel (reaching the minimum rod position longitudinally and the maximum rod position laterally). Both joysticks must move simultaneously. Failure to do so can cause the aircraft to tip over.



4. Manual operation mode

For small plots or plots with many obstacles and complex terrain, manual operation mode can be used. The flight trajectory of the UAV is completely operated by the joystick on the remote control, and the spraying switch needs to be opened manually. At this time, it is not recommended that the UAV fly outside the visual range, otherwise there may be flight safety risks.

pay attention to :

Manual operations need to start to record data such as the area of the operation

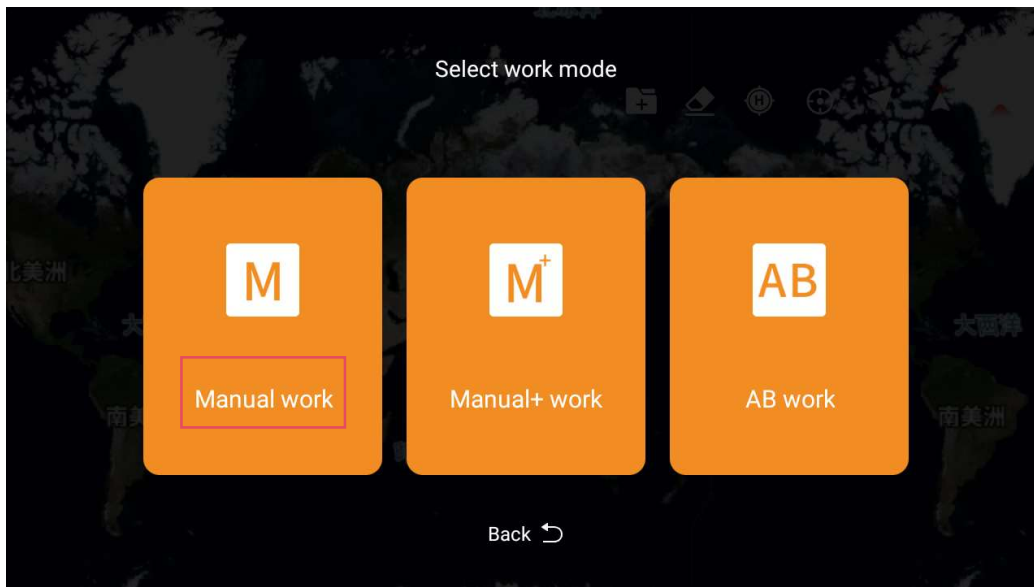
1) Start operation: Click start operation on the first page, and the default mode is manual operation



2) Click the hand action on the main screen



3) Click on the hand action



4) Set the amount of spray according to the demand, the degree of atomization particles, very coarse/coarse/medium/fine/fine

5) Drag the route adjustment gyroscope button to generate the required route direction



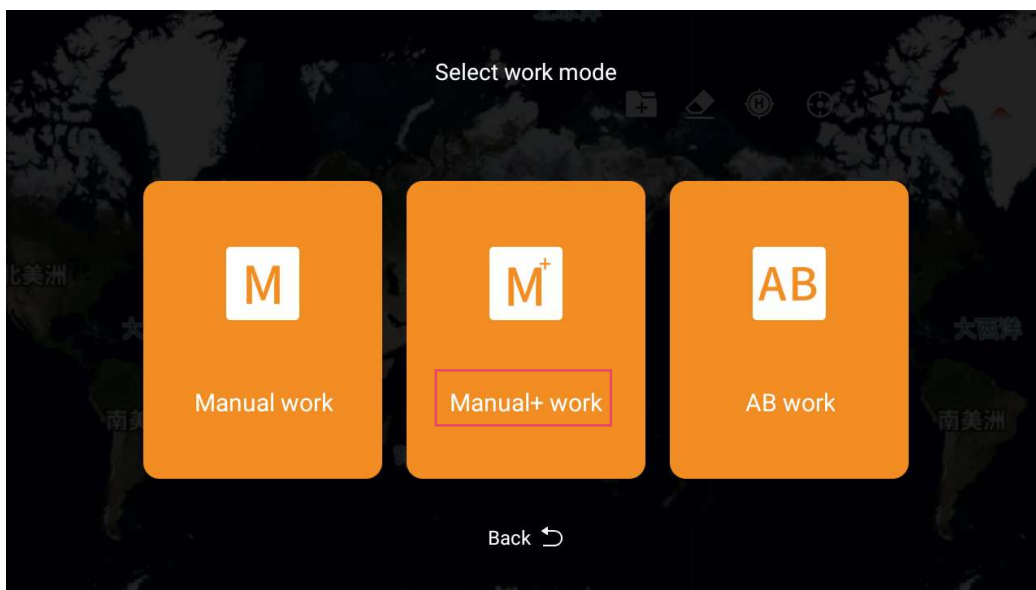
6) Click OK to start the manual operation.

5. Enhance the manual operation mode

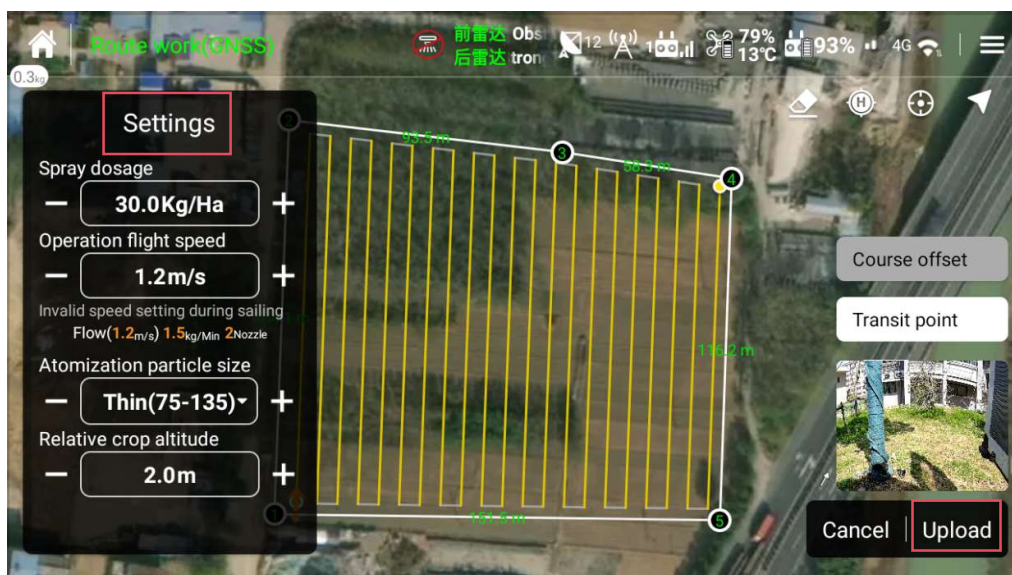
1) Click the manual operation on the main screen

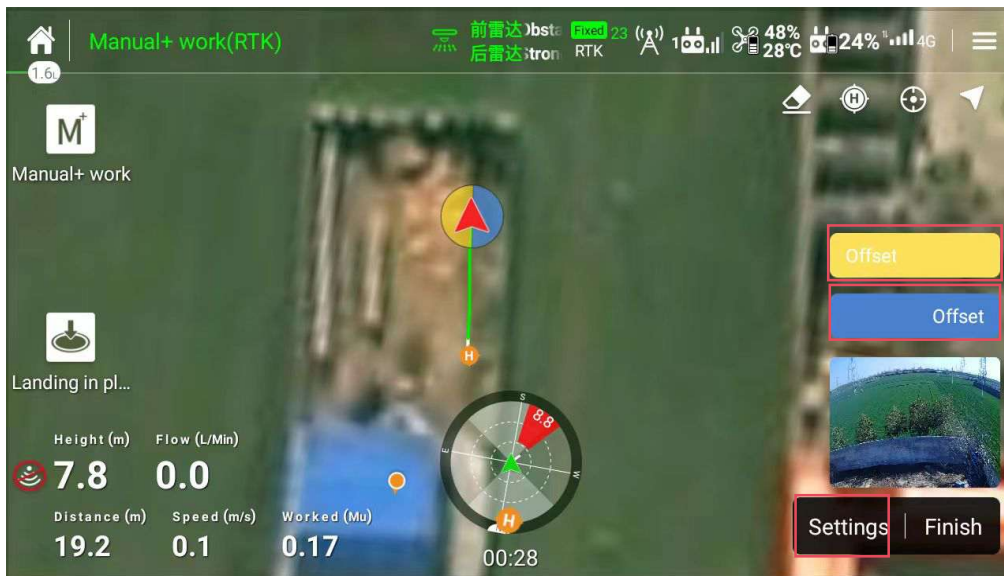


2) Click to enhance hand movements



3) Set the operation parameters for sowing or spraying





4) Start work: Click the start work button

5) Adjust the manual operation of the UAV: According to the requirements of the site, manually adjust the UAVs heading. The UAV will fly in a straight line according to the adjusted heading during manual operation.

6) Offset line break: At the end of the plot, click left offset or right offset to change line break flight

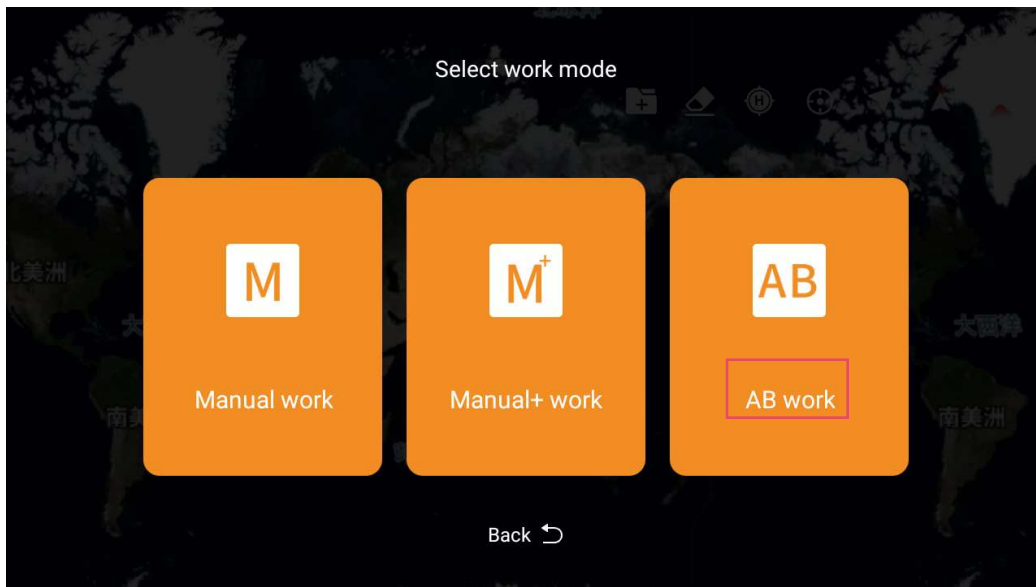


7) End of operation: After the operation is completed, click the end button to complete the operation of the plot

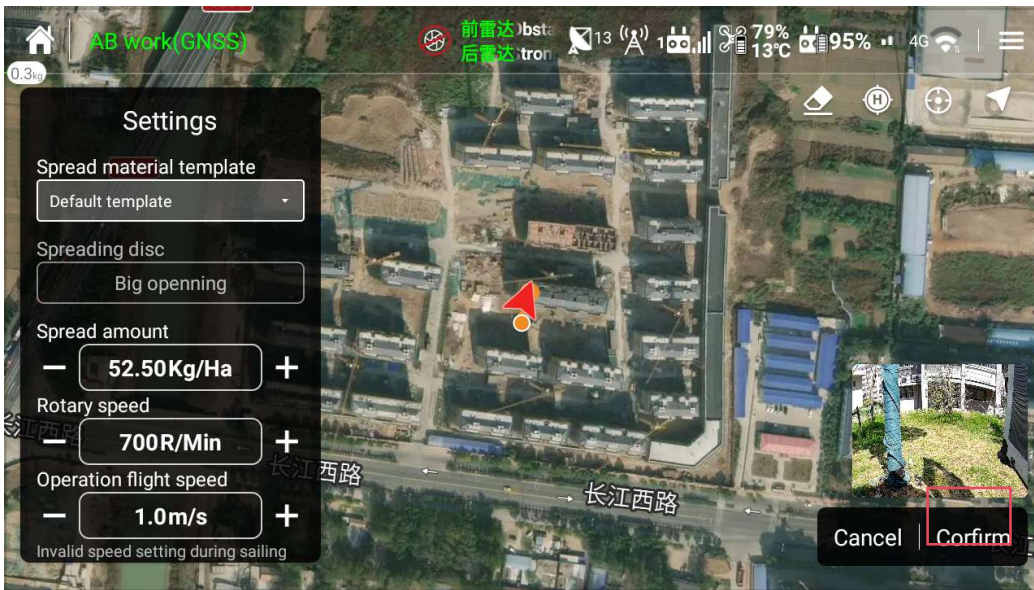
- 6. AB works straight
 - 1) Click on the hand action



- 2) Click AB for straight-line operation



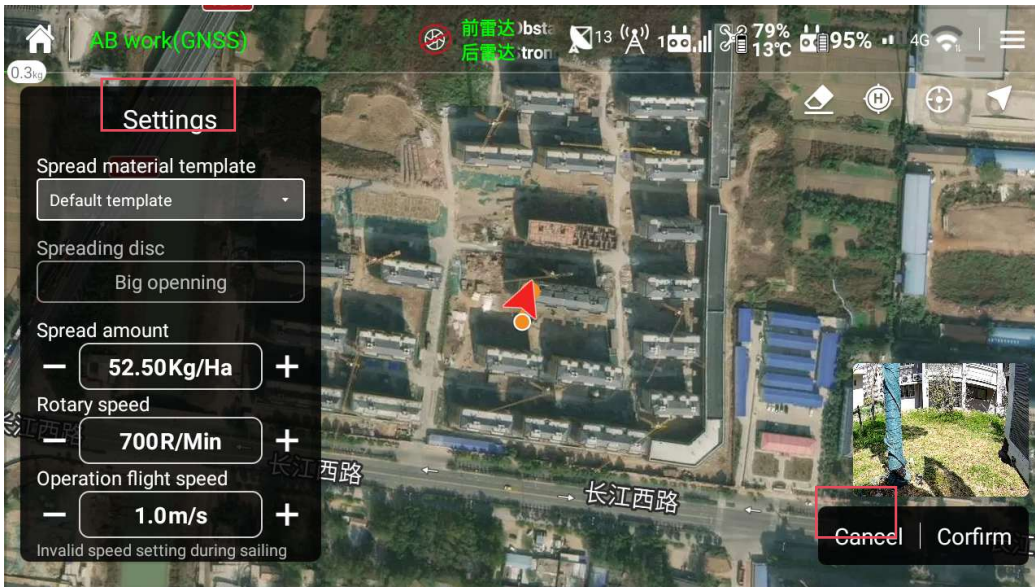
3) Set the parameters and click OK to enter the A B point setting interface.



4) Add point A and manually fly the drone to point B, click add point B.



- 5) Set operation parameters and routes
- 6) Upload job data



- 7) Click the execute button



8) After the self-test is completed, confirm that there is no problem with the relevant parameters and swipe to the right to start the operation task.

