SPREADER IN CAN MODE

FUNCTION INTRODUCTION AND USAGE TUTORIAL

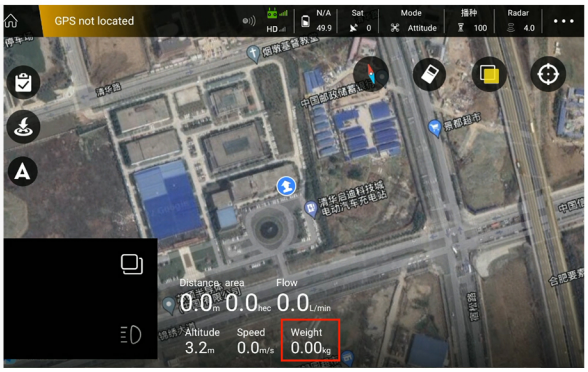
In CAN mode, only one CAN bus is needed to realize the speed,Valve control, material break detection, weight detection, flow calibration, etc.function; to prevent the multi-wiring harness from being connected incorrectly or reversely, or setting the wrong current If the phenomenon occurs, at the same time keep the wiring harness in the flight control compartment clean and tidy.

MODE	PWM MODE	CAN MODE
LINE NUMBER	POWER+SPEED+VALVE+MATERIAL	POWER+CAN
MANUAL SEEDING	√	√
MATERIAL TESTING	√	√
REAL-TIME WEIGHT DISPLAY	×	√
TAKE-OFF WEIGHT SETTING	×	√
INTELLIGENT LINKAGE SEEDING	×	√
INTELLIGENT CURVE CALIBRATION	×	√

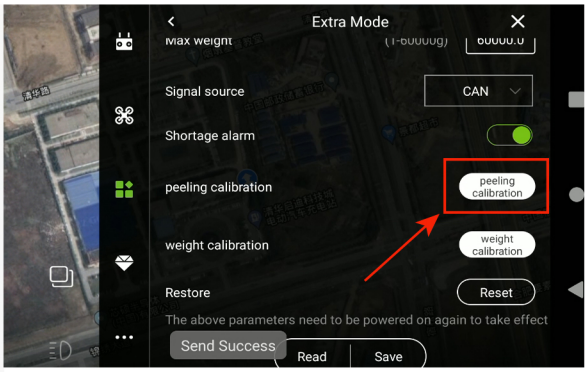
Function comparison between CAN mode and PWM mode

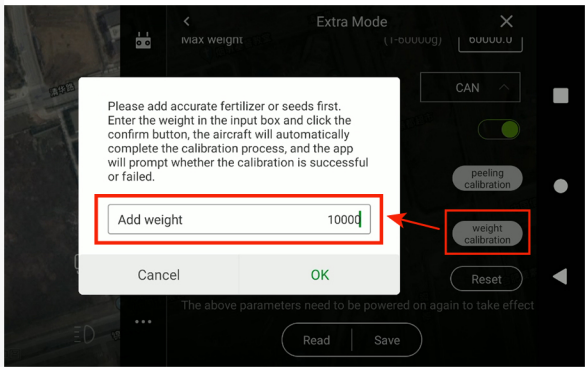
1 REAL-TIME DISPLAY OF WEIGHT

- After the weighing module is installed in CAN mode, the weight parameters can be displayed in real time on the main page of the APP. During the flight, the flight controller can perform acceleration correction on the data of the weighing module to reduce the fluctuation of the weight data during the flight. Display weight parameters.



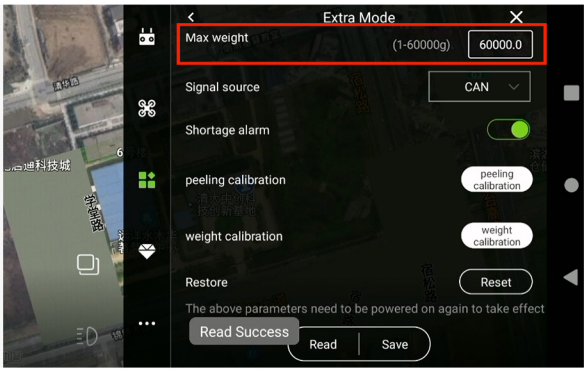
- If the weight is inaccurate after changing the barrel or after a period of continuous use, tare calibration and weight calibration can be performed through the software to ensure the accuracy of the weight data.





2 TAKEOFF WEIGHT LIMIT SETTING

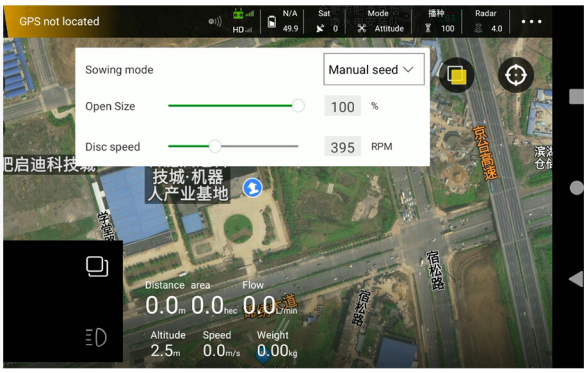
- In CAN mode, the maximum take-off weight can be set in the APP. After the input value is exceeded, the aircraft cannot be unlocked for take-off, so as to avoid the risk of crash caused by power saturation caused by overloaded loading.



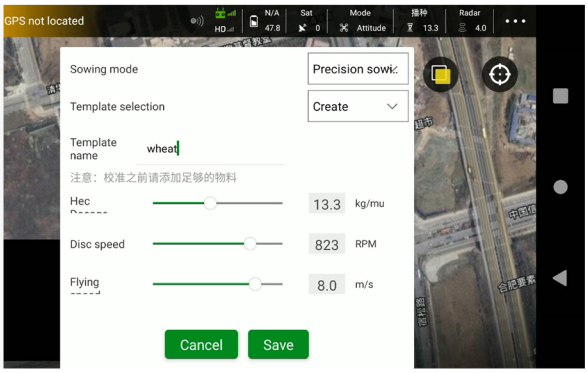
3 MANUAL AND INTELLIGENT LINKAGE SPREADING

In CAN mode, two modes of manual seeding and precision seeding can be selected:

- **01. Manual seeding mode**
  In the manual seeding mode, the operator can control the size of the bin opening and the rotation speed of the roulette in real time through the operation interface, and the two are independently controlled.



- **02. Precise sowing mode**
  In the precise seeding mode, the valve can be linked with the flight speed, and the operator only needs to set the amount of mu, the rotation speed of the roulette and the fixed flight speed. At the same time, different templates can be created according to different particles, and flow calibration can be performed. If a particle with an existing template is encountered during operation, the template can be called directly without repeated settings.



4 FLOW CURVE CALIBRATION

- In actual operation, the flow relationship of different particle sizes and shapes under different valve openings is non-linear. For this problem, specific flow curve calibration can be performed for different particles in CAN mode to ensure the operation effect of variable seeding.