Quick Start Guide

V1.0



For Cinevhoop Series C250

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Pre-Takeoff Precautions

1. Ensure the drone is undamaged, the batteries are sufficiently charged, and all other equipment is properly connected, and the VTX is stable.
2. Confirm that the propellers rotate in the correct direction and that all screws are securely tightened.
3. Ensure that the battery is tightly secured with straps.
4. Ensure the battery is fully charged.
5. Turn on the remote control, select the correct mode, and confirm the unlock switch is locked with the throttle at the lowest position.
6. Check that the GPS satellite reflects 14+ before takeoff.
7. After powering on the drone, maintain a hoverer safety distance from all surroundings.
8. Take off only in areas permitted by local laws/regulations.
9. Fly in locations with good GNSS signal reception.

Battery Installation



GPS Rescue

1. GPS Rescue Mode is disabled by default. To manually control the rescue function, an unused auxiliary switch must be assigned.
2. The factory default setting requires at least 6 satellites to disarm the craft. In the Betaflight GPS Rescue tab, you can adjust the minimum for the Failsafe rule and configure the GPS Rescue feature.
3. GPS Rescue Mode can automatically return the aircraft above its takeoff point in emergencies such as signal loss or low battery. It can also be activated via a switch. Since GPS Rescue Mode cannot achieve precise landing, you should manually control the aircraft to land in safe areas when a controllable range during the rescue phase.
4. The drone must fly horizontally beyond 100 meters from the takeoff point for GPS rescue function to activate properly. Ensure the Home point is correctly recorded before flying. Failure to confirm proper GPS functionality before GPS Rescue Mode is activated, closely observe the drone's return path.
5. Your environment affects the speed and risk of GPS Rescue Mode. Strong winds, poor GPS signal, weather or obstructed areas can reduce the number of satellites and lower accuracy possibility. Always maintain visual line of sight with your drone, even during flight. To ensure the rescue function can activate, please confirm that the number of recovered satellites is greater than 10 before takeoff.



Warning: The drone will not return when there are < 10 GPS satellites available.

Propeller Installation Tips

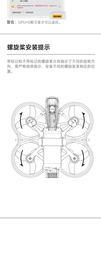
Propellers with marks and three without marks indicate different rotation directions respectively. It is crucial to ensure that the correct propellers are installed different propellers in their corresponding positions.



起飞前注意事项

1. 确保机身无损坏，电池充电状态良好，设备连接正常，图传稳定。
2. 确认桨叶旋转正确，螺丝已拧紧。
3. 确保电池已用绑带固定牢靠。
4. 确保电池电量充足。
5. 打开遥控器，选择正确模式，确认油门及摇杆位置的开关处于上锁状态。
6. 检查FPV 画面和遥控器是否有异常信号。
7. 上电后保持原地不动安全距离，确认初始状态。
8. 请在当地法律法规允许的区域起飞。
9. 请在GNSS信号良好处飞行。

电池安装



GPS救援

1. GPS救援模式默认处于关闭状态，要手动控制救援功能，需要设置一个空余的辅助开关。
2. 出厂默认设置需要最少14颗卫星才能解锁，在在Betaflight 4.4的版本以后，还有设置最低颗数Failsafe选项，来配置GPS救援功能。
3. GPS救援模式能够在紧急状态下，自动把飞机带回起飞点上空，例如信号丢失或电池电量低。也可以通过拨动开关进行，由于GPS救援模式无法实现精准降落，所以在救援模式下，当飞机进入可控范围后，要手动将飞机降落。
4. 机头先指向不飞离起飞点100米以上，GPS救援功能才能正常启动。请确保起飞前家点被正确记录到飞行器。如果没有，请密切关注GPS救援模式下飞行器返回起飞点的路线。
5. 您所处的环境会影响GPS救援速度和救援质量。强风、GPS信号差、天气恶劣或遮挡物会减少卫星数量，降低精度。即使在飞行过程中，也要始终保持对飞行器的视线范围内。为确保救援功能在起飞前可用，起飞前请确认救援所需的卫星数量大于10颗。

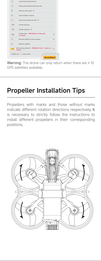


6. GPS救援模式参数设置：

警告：GPS小于10颗卫星不可以起飞。

螺旋桨安装提示

带有标记和不带标记的螺旋桨分别指示不同的旋转方向。用户确保安装每个螺旋桨到其对应的正确位置非常重要。



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