Ages 14 and up
适合年龄14岁以上

i Drone

2.4GHz WIRELESS REMOTE CONTROL
THE SMALLEST SIX AXIS DRONE
IN THE WORLD

i3系列
(i3/i3s/i3h/i3hs)
Instruction Manual
使用说明书

1.INTRODUCTION 前言

Thanks for using YI ZHAN products. Aircraft is the first quadcopter which can fly outdoor in a wild weather. In order to play aircraft more convenient and easy, pleasure read it carefully before playing the aircraft. Meanwhile, please keep it well,and take it for reference when adjustment and maintenance.
感谢您选购亿展产品！室外飞行的飞行器，办了以您更方便，更容易操控飞行器，请您仔细阅读完此说明书后，再操作这台飞行器，同时请你妥善保管这本说明书，作为日后调整及维修的参考。

flight vehicle can satify you whatever rainy or sunny,even when outdoor wild grade 3-4, it will keep moving.
飞行器，无论何时何地，不管糟天雨天，恶劣室外风力不大于3-4级，都可以满足您对飞行的需望.

WARNING LABEL LEGEND 标志代表含义

WARNING 警告	**Mishandling due to failure to follow these instructions may result in damage or injury.** 因为疏忽这些操作说明，而使用器具可能会产生伤害或损坏。
CAUTION 注意	**Mishandling due to failure to follow these instructions may result in danger.** 因为疏忽这些操作说明，而使用器具可能造成危险。
FORBIDDEN 禁止	**Do not attempt under any circumstances.** 在任何禁止的环境下，请勿尝试操作。

IMPORTANT NOTES 重要声明

Aircraft is not a toy, remote control aircraft, but there is still some risk of the matter with instructions to correctly use the model in accordance with the Security, the dismantling of any modification or improper use of the product are not familiar with may be dangerous to the risk of unexpected or accidental, please do not overlook.
飞行器并非玩具，虽然是遥控飞行器，但是仍然有一定的危险性。请您按安全注意事项与操作说明来正确的使用该模型，任意的改装拆解或使用不当以及产品的不熟悉，都可能造成不可预期的危险或意外，请仔细思。

Manufacturer and dealer assume no liability for accidental damages by abnormal wear of parts,improper assembly,or operation in unsafe manners.This product is intended for use by age 14 years or older.Please ensure the product is operated under safe environment.

注意：任何通控飞行器的使用，制造商或经销商是无法对使用者个零件使用的损耗异常，组装不当或不安全的环境操作所发生的意外负责任何责任。本产品适用年龄14岁以上，请确保在安全无误的环境下操作，产品售出后本公司不负责因不当操作，拆卸，改装所引起的零产损失与人身伤害。

We recommend that you seek the assistance or an experienced pilot before attempting to fly our products for the first time. A local expert is the best way to properly assemble, setup, and fly your model for the first time. The requires a certain degree of skill to operate, and is an item subject to normal wear and tear. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warrantee and cannot be returned for repair orreplacement. Please contact our distributors are not covered by any warrantee and cannot discounted rates when you experience problems during operation or maintenance.
模型商品属于零高操作技术且为消耗性商品，如组装零部件，但是成不等到情况零件损耗，任何使用情况所造成商品不良或不满意，将无法予保证条件内更换商品或退款，如遇有使用操作情况问题，本公司安装分公司或代理商联络技术指导，特别零件但出售各。

2. SAFETY NOTES 安全注意事项

CAUTION 注意

Fly only insafe areas away from other people,Do not operate R/C aircraft within the cicinity of crowds or people,R/C aircraft are prone to accidents ,failures,and responsible for their actions and damage or injury occurred during pilot error,and radio interference,pilote are responsible for their actions and damage or injury occurred during the operation or as of a result of R/C aircraft models.
遥控模型，四旋飞行器属于危险性商品，飞行时务必远离人群，人为因素不当或有炸桥机，电子和制造条件无，以及操控上的不熟悉，都有可能导致飞行失控损伤等不可预期的意外，请飞行前务必注意飞行安全，并需了解自己的是否适合或自信操作，特别零件但出售各。

FORBIDDEN 禁止 **Special despecial design for indoor & outdoor,please keep it away from obstacle 室内，室外专用机，请远离障碍物**

This product is suitable for indoor and outdoor(the wind grade should be no more than 4). Please choose a place without obstacle, and keep distance from crowd and pets, don't play it under unsafty, for instance, heat source, wire or electonic power source, in order not to be damaged or injured by collision tending, entanglement and lead to a fire, electric shock and cause damage of property and injury.
室产品适合室内，室外（但是室外风力不要大于4级）环境飞行的遥控飞行器。飞行时请选择合适无障碍的室内，室外场地，并与人群或宠物等保持适当距离，切勿于不安全的环境下操作，如热源，电线，电器等等，以免飞行器碰撞，缠绕，和摩擦引起火灾，电击等危险，造成生命财产损失。

PREVENT MOISTURE 远离潮湿环境

R/C models are composed of many precision electrical components,It is critical to keep the model and associated equipment away from moisture and other contaminants,The introduction or exposure to water or moisture in any form can cause the mided to malfunction resulting in malfunction,or a crash .Do not operate or exposeTo rain or moisture.
飞行器内部各重要的电子零件相当精密，所以必须选择对防潮及潮湿或水气，避免在没有遥控器天时使用，防止水汽进入机身内部损害精密的零件，不要作业摔到可以不可预期的意外！

PROPER OPERATION 四不当使用和产品

To avoid potential fire hazard from batteries, please do not short, reverse polarity, or puncture batteries. Battery charging must be done under supervision at all times, and at location out of reach by children. Double check the four AA batteries are rechargeable Ni-CD/MH batteries before charging. The manufacturer or this product will not be liable for accidental damages incurred by charging non-rechargeable batteries.
请您付意四项在没有适加工，任何的不当行为或使用，请使用不当产产品因素的零件，以确保结构的安全，请确认于产品使用外操作，请您打歪使用，并在用于安全注令外其它注意事项。

SAFETY NOTE FOR NI-MH BATTERIES 镍氢电池使用安全

Make sure the batteries are installed based on polarity indicated in the case and do not mix batteries of different chemistry/spec. Please take out the batteries if you are not going to use for a long time to avoid potential leakage which may damage the transmitter. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly.
安装时请确认正负极位置，新旧电池请分别的混用以免影响电池寿命，若长时间不使用本产品，请取出电池，以免造成电池漏液，损害，影响电有漏液状况请你使用，请弃时电池，请按照当地法规或当地的放弃物惯理法宇回收，切勿任意丢弃以免污染环境。

SAFETY NOTE ON LI-POLYMER BATTERIES 锂聚电池使用安全

Li Polymer batteries poses higher operational risks compared to other battery chemistry, thus it is imperative to follow its usage instructions. Manufacturer and dealer assume no liability for accidental damages caused by improper usage.
Do not use charger other than the factory supplied unit to avoid potential fire and explosion. Do not crush, disassemble, burn, and reverse polarity. Avoid metallic materials to come into contact with battery"s polarity and cause it short and never puncture batteries to avoid fire hazards.
Battery charging must be done under supervision at all times, and at location out of reach by children.
Please stop the use or charge of the battery should there be an unusual increase in battery temperature after use. Continue use of this battery may cause it to expand, deform, explode, or even result in fire hazards.
Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly.
锂聚电池较其它电池有更高的危险性，使用前请务必详读并遵照下列注意事项使用本电池，本公司将不对任何不当使用所造成的损害负责。
严禁使用除厂以外的充电器进行充电，以免发生爆炸起火的危险。
严禁踩压，拆解，正负极反接，焚烧电池，避免金属物品碰触电池正负极造成短路，并请防止尖锐的物品刺破电池，以避免火灾的发生。
充电时请勿长时间无人看管，请远离易燃物品，以防止意外发生。
如发现电池膨胀，请立即停止使用，并立即放电，密闭容器或电池箱隔，妥善，螺旋瓶盖起火燃烧，发生生命财产的安全。
请气的电池，请严格按使用国家或地区法律及地方法令回收，以免污染环境。

KEEP AWAY FROM HEAT 远离热源

R/C models are made of various forms or plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate.Make sure not to store the model near any source of heat such as an oven,or heater .It is best to store the model indoors ,in a climate-controlled,room temperature environment.
飞行器多半是以PA合金ARUM第之用，电子高温为主要材料质，因此要尽量远离热源，自晒，以避免因高温而导致造至损毁损坏可能。

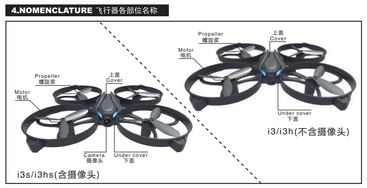
OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT 最先请自操控

The products are suitable for more than 14 years old age,
at the beginning it will have some certain difficulty in learing, suggestion guidance by experienced when playing.

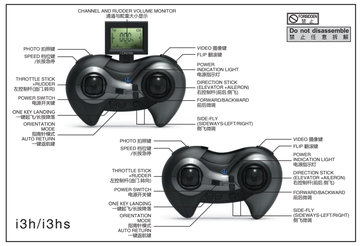
本产品适用年龄14岁以上，通控四轴飞行器在学习初期有有一定难度，建议要有经验的人士在旁指导才可以飞行。

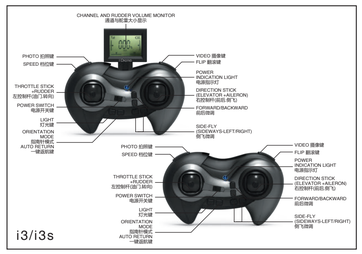
3.STANDARD EQUIPMENT 标准配件

4.NOMENCLATURE 飞行器各部位名称

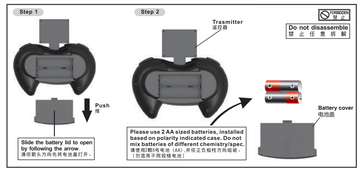


5.NOMENCLATURE 遥控器各部位名称



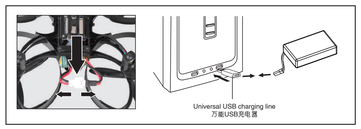


6.TRANSMITTER BATTERY INSTALLATION 遥控器电池安装



7.CHARGING BATTERIES 电池的充电

The lithium battery of the vehicle as shown removes from the battery holder and disconnect the power plug,USB charger plug into the power Brain USB jack ,after charging plug of the charger lithium battery plug is connected,the LED lights off when charging,charging is completed When the LED is light,,the charging time of approximately 60 minutes.
将飞行器的锂电池按图示方法从电池座取出并拔掉电源插头，将充电器USB插头插入电脑USB端口，后将充电器的充电插头与锂电池插头连接，当充电时，LED灯灭，充电结束时LED亮，充电时间约为60分钟左右。



8.BATTERY AND CHARGER SPECIFCATION 电池与充电器相关规格

Battery Type 电池种类	Battery Specification 电池规格	Usage Duration 可使用时间		Charge Time 充电所需时间
Li-po Battery 锂聚电池	3.7V 350Mah	Helicopter flight time 飞行器 飞行时间	Approx 6 Minutes 约6分钟	Approx 60 Minutes(Charging current approx 0.5A) 约60分钟(充电电流约0.5A)
Carbon-Zinc (Non Rechargeable) 碳锌电池(不可充电)	1.5V(GP 15G R2P)	Transmitter operation time 快遥控器开机时间	18 Hours 约18小时	Non Rechargeable 不可充电

9.BINDING OF RADIO TRANSMITTER AND RECEIVER 遥控器与接收器的对频

Lowest
最低
①
ON/OFF
开/关
②
The throttle stick to the bottom (Figure 1), turn the remote control power(Figure 2).
将油门遥杆推至最低(如图①)，打开遥控器电源(如图②)。
1. Turn the remote ON. Connect the copter battery and PCB cable, and place it on Level ground. The copter LEDs become static and Five start blinking. Push the Throttle Stick to the bottom. The copter LEDs flash fast. Five start blink slower slowly.The binding process is complete. And the copter will respond to commos from the Remote.IMPORTANT: Do not disconnect the copter during the binding process is on, or the Gyro is being set to neutral.
2. When the aircraft take off, level to different directions, the aircraft will automatically fine tune the trim. Use the remote control throttle to the minimum, turn off the remote control and the aircraft LED will stop flashing. The aircraft flashing stying (Note: the next take-off more stable)
3. 将发电机螺桨安装完毕后，检查螺丝是否紧，将飞行器置于平坦地面，将电池与PCB板连接，将飞行器置于平坦地面，螺旋桨不要安装，将遥控器开关置于开启状态，将油门杆推至最低，此时飞行器灯光应闪烁，表示飞行器已进入对频状态，将飞行器开关关闭，将油门杆推至最低，螺旋桨安装完毕，将飞行器置于平坦地面，将电池与PCB板连接，此时飞行器灯光应闪烁，表示飞行器已进入对频状态，将遥控器开关置于开启状态，将油门杆推至最低，此时飞行器灯光应闪烁，表示飞行器已进入对频状态，将遥控器开关关闭，将油门杆推至最低，螺旋桨安装完毕，将飞行器置于平坦地面，将电池与PCB板连接

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.