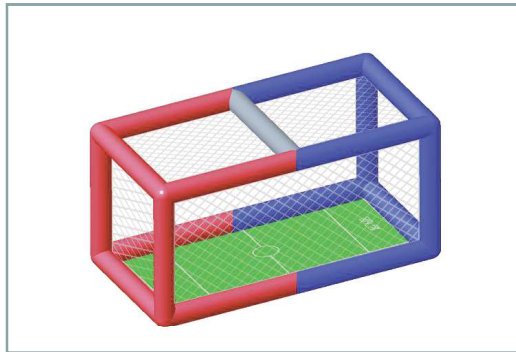


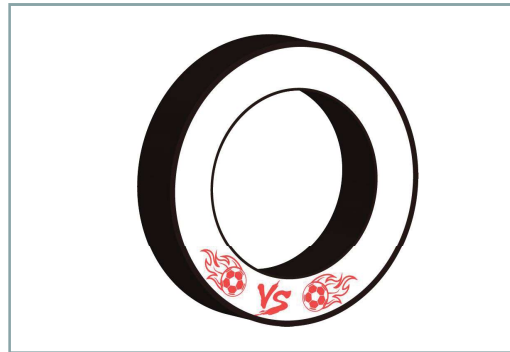


LDARC

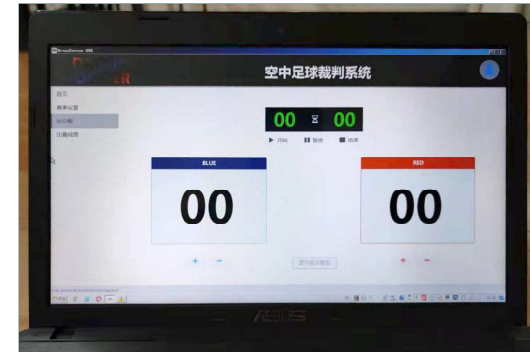
Solution:



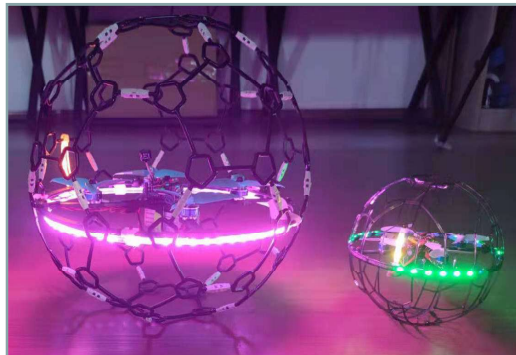
Matching field



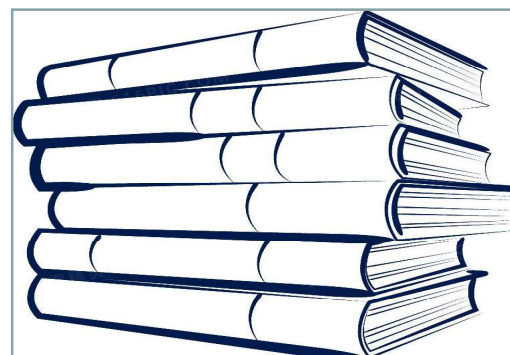
Matching gate



Scoring system



Matching equipment



Tutorial



After sales

FB200 Brief introduction

FB200 is a soccer drone developed by Dongguan LDA UAV Technology Co., Ltd., which conforms to the FAI F9A-B rules technical parameters, FB200 soccer drone can conduct air confrontation and combat competition, it has altitude holding function, full surrounded design, a variety of lighting effects and color mode, can achieve one-key switch, suitable for FPV entry experience training, visual flight training; light show performance.

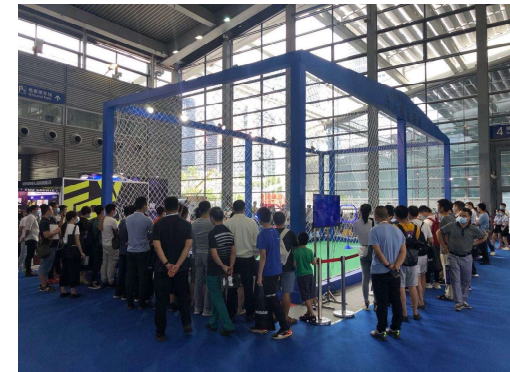
Background:

In May 2019, soccer drone was included in the FAI program and held its first international competition in South Korea in November before it quickly spread to Japan, the Netherlands and China.



Domestic Background:

In November 2019, the Chinese Aviation Association held the fourth national organization In the youth UAV competition, the "Soccer drone competition" program was added. Soccer drone is booming in China and is seen in China In various large-scale events, the National Youth UAV Competition, the National Aviation Space Model Championship, the National Youth UAV Innovation Education Competition.



Version

- 01 Racer ver.
- 02 FPV ver.
- 03 RTF Racer ver.
- 04 RTF FPV ver.



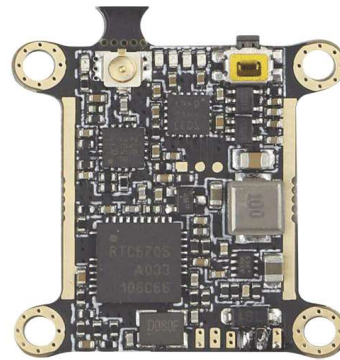
Racer ver.

Battery, radio or receiver need to be bought by separately



FPV ver.

Battery, radio or receiver need to be bought by separately



MINI ROCKET

350mW 32CH



Nano2

Nano2,MINI ROCKET had installation

RTF Racer ver.



EX8



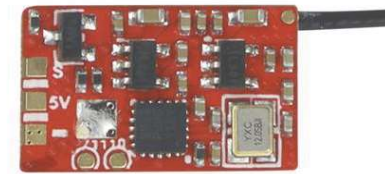
A400 charger



FB2 handbag



11.4V 1150mAh 20C



AC900

AC900 receiver had installation

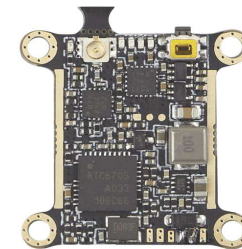
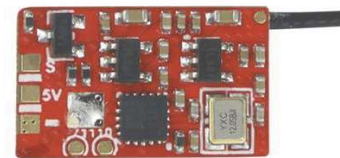
RTF FPV ver.



EX8

A400 charger

Nano2



FB2 handbag

11.4V 1150mAh 20C

AC900

MINI ROCKET

350mW 32CH

AC900 receiver, Nano2, MINI ROCKET had installation

Parameter:

Wheelbase: 110mm

Outer diameter: 200mm

Input voltage: 3S

Racer ver.-188g, FPV ver.-200g, RTF Racer ver.-188g, RTF FPV ver.-200g

Remark: Weight is take-off weight, equipped battery is 11.4V-1150mAh-20C

Configuration:

FC+ESC: MR26-AIO-F411E35A

Motor: XT1105L-4250KV

Propeller: 2840-3 blades

Light controller+LED: 2CH-RGB-SYSTEM; 38 LED lights, color and special effects are adjustable

Racer ver. and FPV ver. can choose RX with:RX2A, AC900

FPV ver.: Racer ver.+MINI ROCKET VTX+Nano2 CAM

RTF ver.: Racer ver.+EX8 TX+11.4V 1150mAh 20C battery+AC900 RX+FB2 handbag+A400 charger

RTF FPV ver.: Racer ver.+EX8 TX+11.4V 1150mAh 20C battery+AC900 RX+FB2handbag+

A400 charger+MINI ROCKET VTX+Nano2 CAM

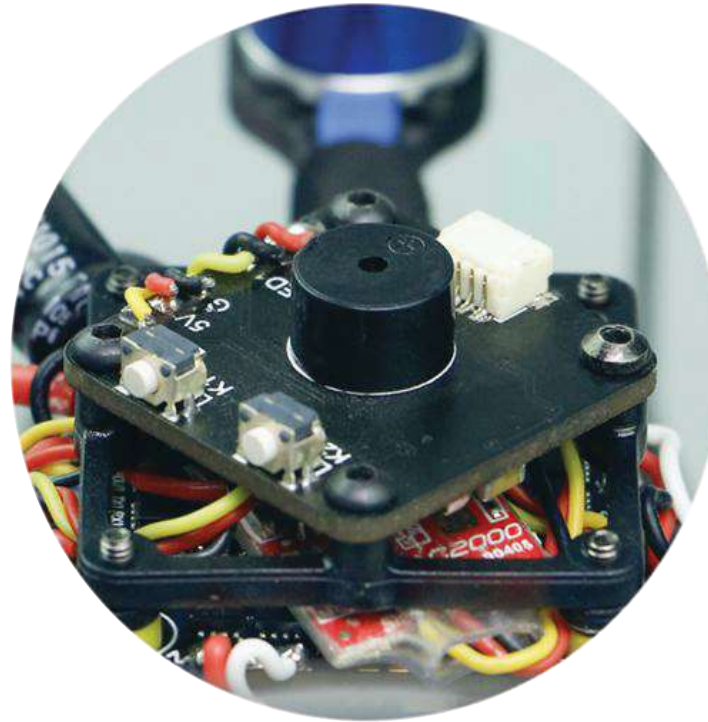
Warning: Input voltage is 3S, over-voltage is prohibited, battery weight <70g, over-voltage or over-weight will damage the electronics equipments

Characteristics:

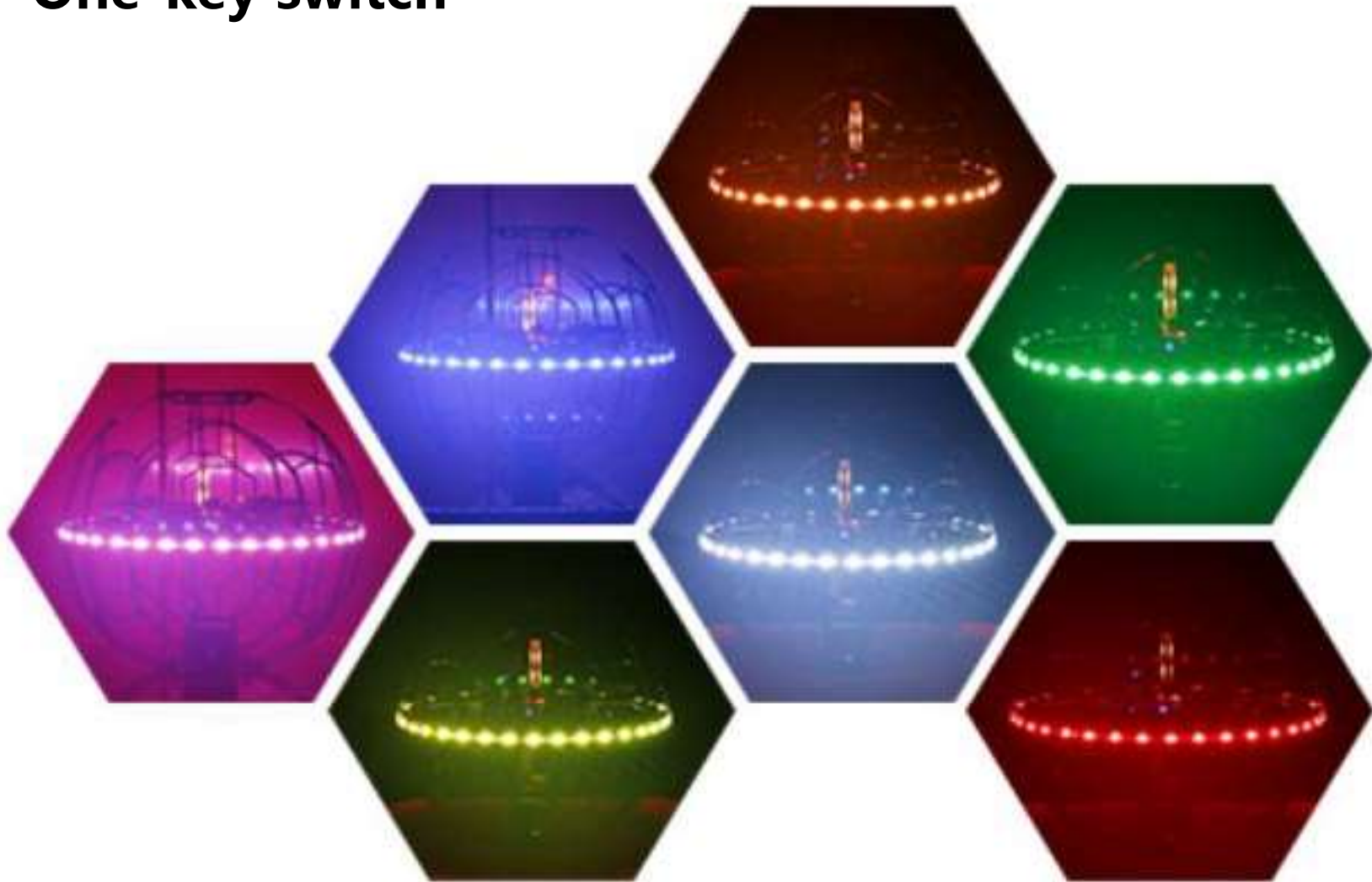
1. Hemispherical injection molding outer frame with simple structure
2. T700 material, 3mm thick integrated carbon fiber
3. 8 LED colors and multiple special effects modes
4. Switch between colors and special effects with one click
5. Optimize the structure, reduce the noise and improve the efficiency
6. Altitude holding, Self-stable flight mode
7. FAI 9A-B rules technical parameters
8. High efficient power combination, flight time 10 minutes
9. Open source FC, feel and parameters are adjustable
10. High current resistance 35A ESC

LED controlling system:

1. Circle light (white, green, yellow, orange, red, blue, pink, cyan, extinguished)
2. Rear light (white, green, yellow, orange, red, blue, pink, cyan, extinguished)
3. Circle and rear light effects mode:
 - 3.1 Normally on
 - 3.2 Breathing
 - 3.3 Flow
 - 3.4 Flash fast
 - 3.5 Interval blinks
 - 3.6 Blink at alternate intervals
4. Rear light effects mode:
 - 4.1 Normally on
 - 4.2 Breathing
 - 4.3 Flow
 - 4.4 Flash fast

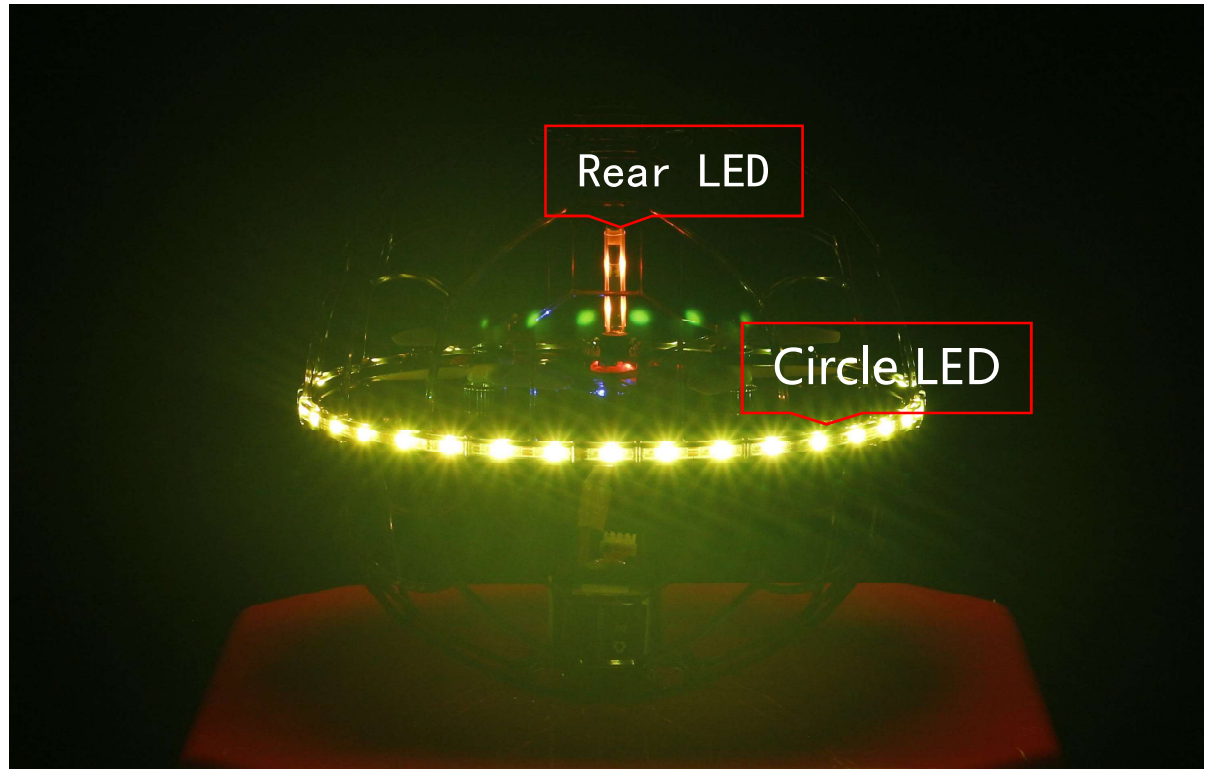


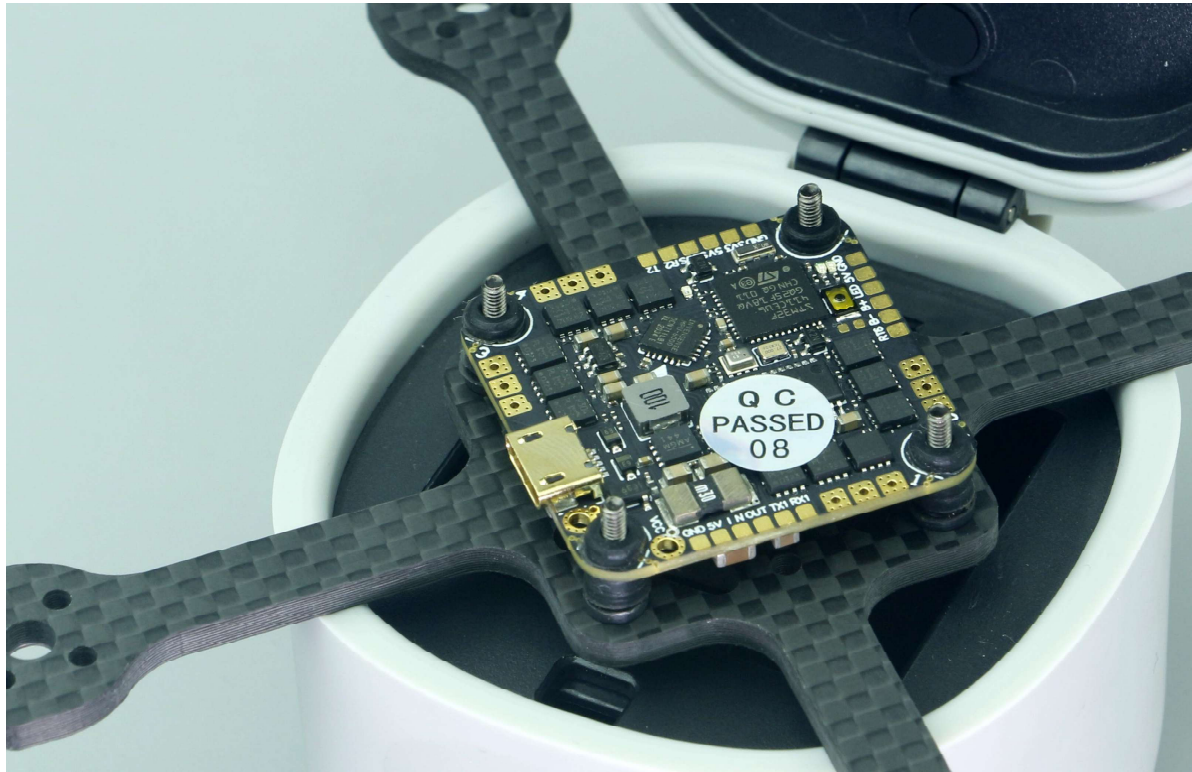
One-key switch



Circle LED:
Team identification

Rear LED:
Member identification





FC+ ESC

F411 open source flight controller +4IN1 high current resistance 35A electrical adjustment, hand feel and parameters can be adjusted, the factory has adjusted the parameters, if you need advanced functions, you can go to the INAV software to adjust.

Default parameter setting software

The screenshot shows the INAV Configurator software interface. At the top left, the INAV logo is displayed with the text 'CONFIGURATOR 3.0.0' and 'FC FIRMWARE Not connected'. On the top right, there are controls for 'DFU', 'Wireless mode' (a toggle switch), and a 'Connect' button with a USB icon. A status bar below the top header shows the date and time '2021-07-19 @ 09:41:02 -- New version available!' and a 'Show Log' link.

The main content area features a large INAV logo and a welcome message: 'Welcome to INAV - Configurator, a utility designed to simplify updating, configuring and tuning of your flight controller.' Below this, there are three social media links: 'Telegram Channel', 'Facebook Group', and 'RC Groups Support'.

The interface is divided into two columns of text. The left column is titled 'Hardware' and contains the following information:

- The application supports all hardware that can run INAV (Matek F405-WING, Matek F722-SE and many other). The full list of recommended hardware is available [here](#).
- The firmware source code can be downloaded from [here](#)
- The newest binary firmware image is available [here](#).
- Latest **STM USB VCP Drivers** can be downloaded from [here](#)
- Latest **Zadig** for Windows DFU flashing can be downloaded from [here](#)

The right column is titled 'Contributing' and lists ways to help improve the software:

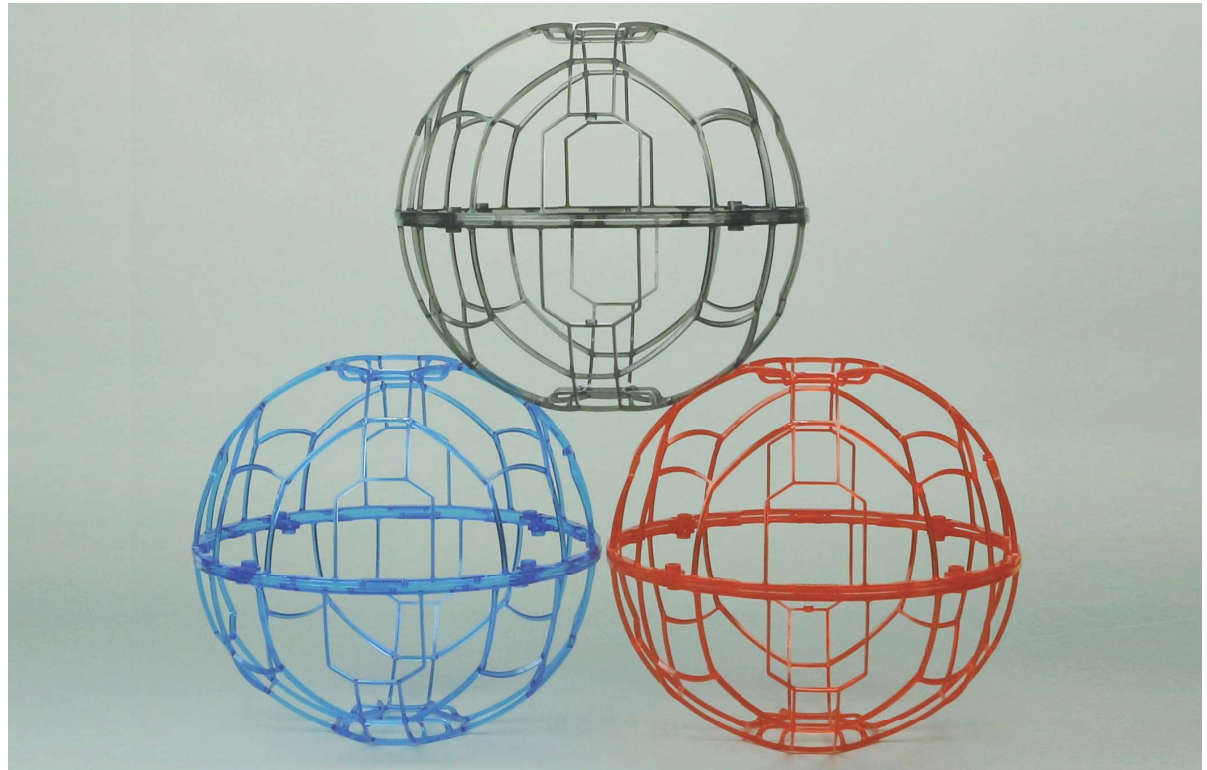
- If you would like to help make INAV even better you can help in many ways, including:
- Answering other users questions on the forums and IRC.
- Contributing code to the firmware and configurator - new features, fixes, improvements
- Testing **new features/fixes** and providing feedback.
- Helping out with **issues and commenting on feature requests**.

At the bottom of the main content area, there is a 'SPONSORS' section with logos for MATEKSYS, AIRBOT, CarbonBird™ Robotics, and ADPM (Lightweight efficiency).

The bottom status bar displays system metrics: 'Packet error: 0 | I2C error: 0 | Cycle Time: 0' on the left and the version number '3.0.0' on the right. A small '截圖(Alt + A)' button is visible in the center of the bottom bar.

Material properties

1. The material is polycarbonate PC
2. Impact resistant, tough and fall resistant
3. Transparent black is the default color
4. Transparent red and transparent blue can be customized



Batteries can be selected according to competition requirements



11.4V 1150mAh 20C
Flight time 8-10 minutes



11.1V 600mAh 50C
Flight time 4-5 minutes

Altitude holding, Self-stable flight mode





FB2 handbag
Easy to carry

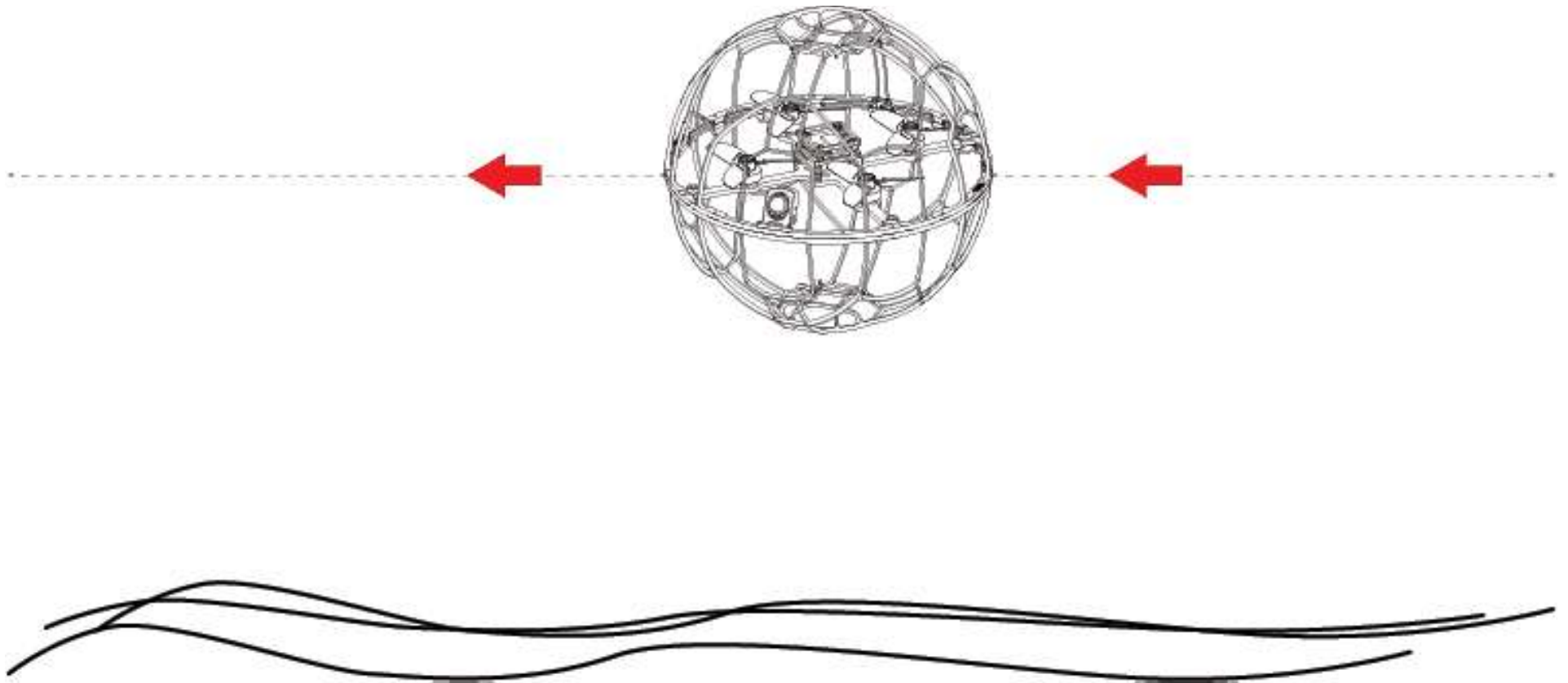
**Red mark
printing acceptable**



Competition



Altitude holding flight



Frame + Carbon plate: Half sphere molded frame, T700 material and 3mm thick integrated carbon plate

