

**SwellPro**

ALL SET FOR RTF RACING



# SWIFT

Racing Drone

A premium, fully ready to fly, compact, aggressive and agile FPV racing drone.

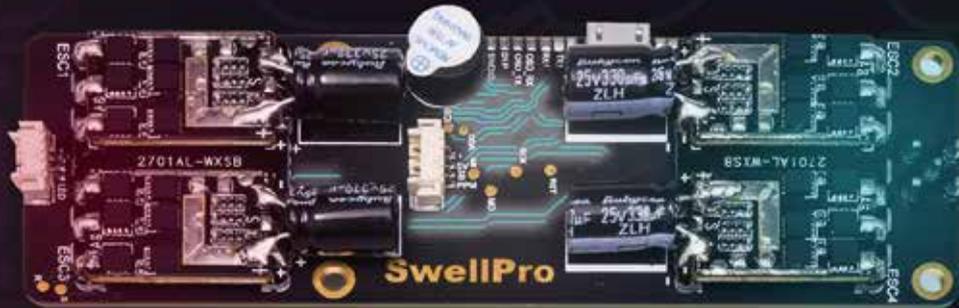
[www.swellpro.com](http://www.swellpro.com)

## Punch the Air at 150 km/h

Fitted with a 4S battery, the max flight speed is up to 150 km/h ,  
0-100 km/h in just 3 seconds. It is super light, ultra simple, with near perfect aerodynamics and maneuverability. Racing-level #2205 2300KV motors, 25A ESC (Support Peak 40A) with 3 bladed propellers provide tremendous power in an instant.

## Ground Breaking Modular Design

Flight controller, ESC, transmitter and PCB are integrated into the core of a 220mm uniframe. Wires are neatly laid out. All electronics are fully modular and replaceable separately for easy maintenance and DIY. Replacement requires only screws and soldering.



## Everything You Need to Get Started / Flying

Fully assembled and ready to fly right out of box with paired radio controller and 2 batteries. The FPV system has been well set up and the flight parameters pre-tuned by experienced pilots. There really is no need to tune PID with cleanflight at all, just plug the battery and go!





## Dedicated FPV Camera

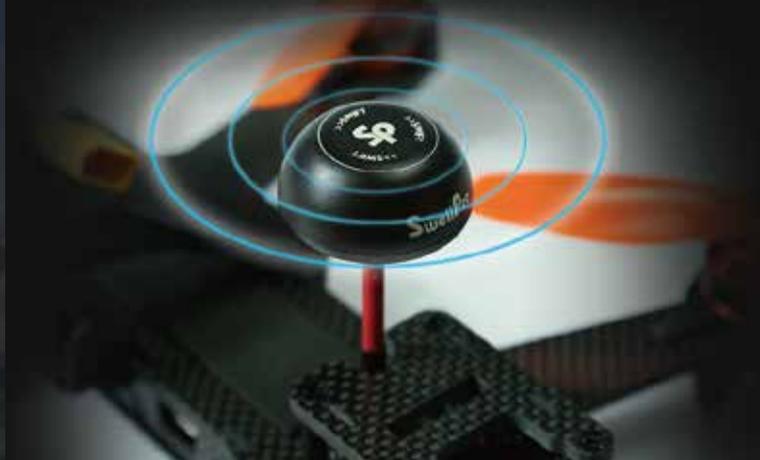
The 800TVL CMOS FPV camera sends a sharp video feed to your screen or goggles with zero delay. The built-in camera lens is adjustable and gives 120° visual range. F2.5 aperture enables the camera to records all details even against sunlight or areas in shadow, in order to avoid every obstacle.

## Reliable Video Connection

5.8G transmitter provide real time video feed, support 25mw/200mw/400mw and multi-channels.



5.8G mushroom antenna, low air drag, 800m transmission range



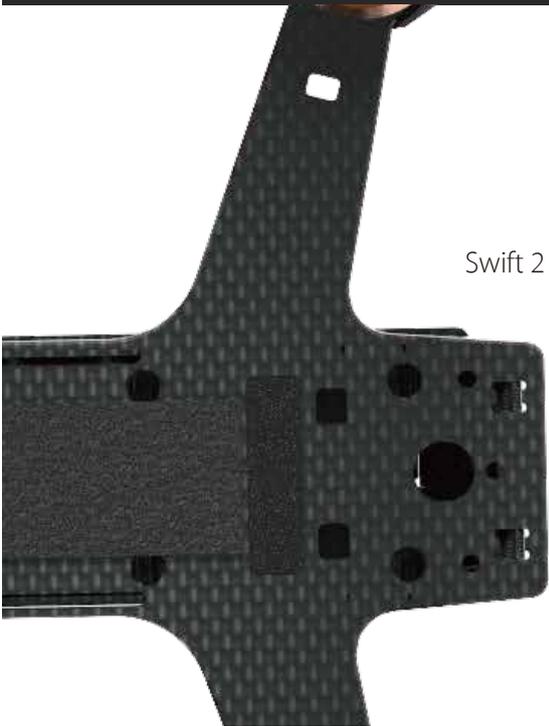
## Push the Time Limit

Light weight and low air resistance, 3S 2600mAh LiPo battery powers a flight time up to 15 minutes, 30-40% longer than other racers.



## Indestructible Body (almost)

3.5mm 3K pure carbon fiber frame,  
3 to 5 times stronger than normal ones.



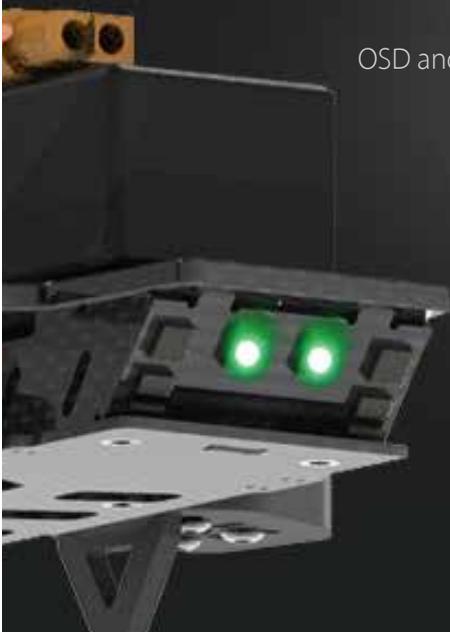
Camera lens is surrounded with steel tubing

ESC are fitted in the main frame to avoid any damage.  
Swift 2 is still often able to fly even after hard crashes on the ground.

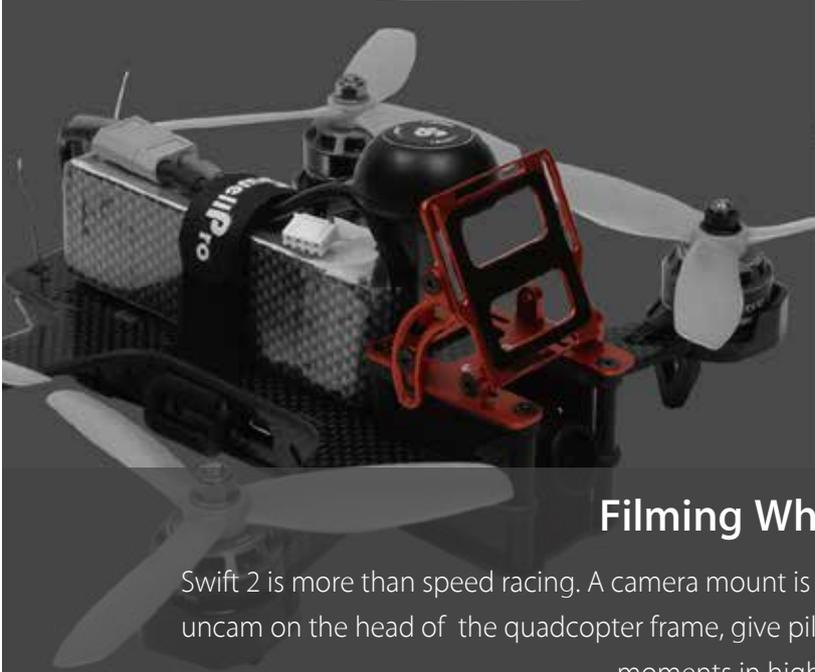


A touch screen radio controller, compact, clean, polished handling, quick response, max control range up to 1km.

OSD and rear LED can be turned off on the controller to save aircraft power



It is easy to find your lost drone with buzzer alarm by pressing the buttons on the backside of the controller. Arming or disarming the motors is now triggered with a switch, which shortens startup time and prevents accidents.



## Filming While Racing

Swift 2 is more than speed racing. A camera mount is exclusively built for Swift 2 which can fix a GoPro or Runcam on the head of the quadcopter frame, give pilots the chance to record their breathtaking freestyle moments in higher resolution.

## High Quality Electronics

Swift is equipped with the top end ESCs that deliver the power and outstanding agility in reaction to controller's command.

The PCB provides high conductivity with gold plating for longer shelf life.

All electronics are self-developed with scrupulous quality control and warranty.

The main board is treated with water-resistant coating enabling flights in moist environments, and reducing maintenance costs.





## SPECIFICATION >>

### Aircraft

Propeller: #5045 3blades  
Axis Diameter: 220mm  
Overall (L x W x H): 183 x 216 x 85mm  
Weight: 378g (Battery excluded)  
Flight Controller: F3 enhanced version  
OSD: Integrated  
Brushless Motor: #2205 2300KV  
Brushless ESC: 25A  
Battery: 3S 2600 mAh LiPo (Weight: 214g)  
Transmitter: 5.8G 40CH, Digital Channel Selector  
Flight Time: 12~15 mins (2600mAh)  
Max Flight Speed: 150km/h  
Max Flight Distance: 1000m  
Working Temperature: -10C°~ 40C°

### Remote Controller

Net Weight: 435g (Battery Excluded)  
Frequency Channel: 2405 ~ 2475HMZ  
Remote Control Distance: 1.0 KM  
Receiver Sensitivity (1%PER) : -105dbm  
Working Current: 120 mA  
Battery: 7.4V-11.1V  
Channel: 10

### Transmitter

Transmitter: 5.8G Wireless Image Transmission  
Channels: 40CH  
Power: 25mW、200mW、400mW

### Camera

Horizontal Resolution: 800TVL  
System Committee: PAL/NTSC  
Power input: 5V  
FOV: 120 Degree  
Aperture: F2.5