

**SNAPTAIN**  
VISION BEYOND IMAGINATION

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**S500**

4-AXIS DRONE

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INSTRUCTIONS

V2.01

**14+**  
FOR AGES

\*Please read this instruction carefully before operating and keep it well for future reference and maintenance. SNAPTAIN reserves the right to update this user instruction.

\*Bitte lesen Sie diese Anleitung vor der Inbetriebnahme sorgfältig durch und bewahren Sie sie zur späteren Verwendung und Wartung auf. SNAPTAIN behält sich das Recht vor, diese Bedienungsanleitung zu aktualisieren.

\* Veuillez lire attentivement ces instructions avant l'utilisation et les conserver pour référence et entretien futurs. SNAPTAIN se réserve le droit de mettre à jour ces instructions d'utilisation.

\* Lea estas instrucciones atentamente antes de operar el aparato y consévelas para futuras consultas y mantenimiento. SNAPTAIN se reserva el derecho de actualizar estas instrucciones de usuario.

\* Si prega di leggere attentamente le istruzioni prima di utilizzare e conservare per riferimento e la manutenzione futura. SNAPTAIN si riserva il diritto di aggiornare le istruzioni per l'uso.

## DISCLAIMER & SAFETY GUIDELINES

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1. DO NOT look directly into the drone light.
2. Do not treat the product as household waste.
3. DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines or trees.
4. DO NOT use the drone in severe weather conditions. These include wind, snow, rain, smog, hail, lightning, tornadoes or hurricanes.
5. Stay away from the rotating propellers and motors.
6. This product is not a toy and is not recommended for users under age 14.
7. Please maintain line of sight of your drone at all times. Please do not only rely on first person view camera to control your drone.
8. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

SNAPTIAN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Safety Guidelines.

IC:24268-VANTOPS5C  
FCC ID:2AQ3AS5C

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.

## MAINTENANCE AND CARE

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1. Thoroughly check the drone after crash or violent impact.
2. Do not charge battery before it cools down.
3. Remove the batteries if devices will not be in use for a long time.
4. Do not over charge the battery. Unplug the charger once it's fully charged.
5. Store the drone and remote in a cool, dry place away from direct sunlight.
6. Avoid direct contact of the camera with water or other liquids. Wipe dry with a soft absorbent cloth if it gets wet.
7. Do not charge the battery next to inflammables, such as carpet, timber floor etc, or on the surface of electro-conductive objects. Please always keep an eye on the battery while charging.

## PACKING LIST

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S5C Drone



2.4GHz Transmitter  
(Batteries not included)



Spare Propellers Ax2, Bx2



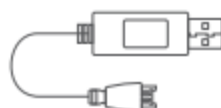
Landing Skids x2



Spare Propellers Cap x2



Propellers Guards x4



USB Charger



3.7V 550mAh  
Li-ion Battery x2



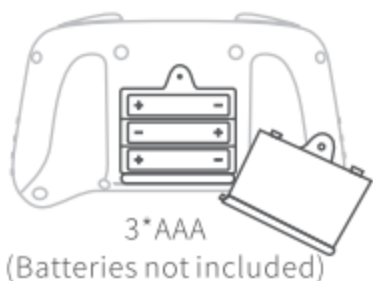
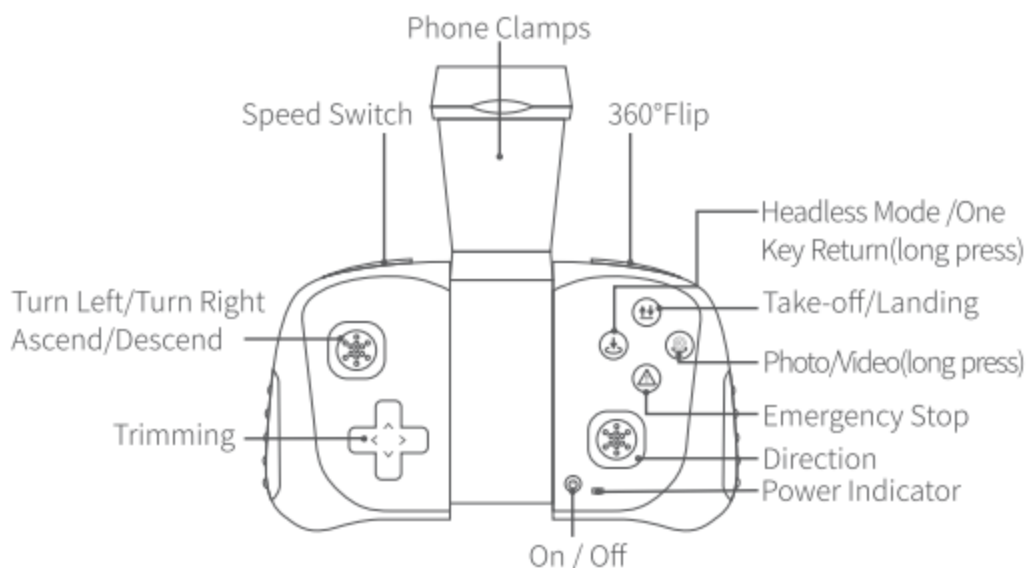
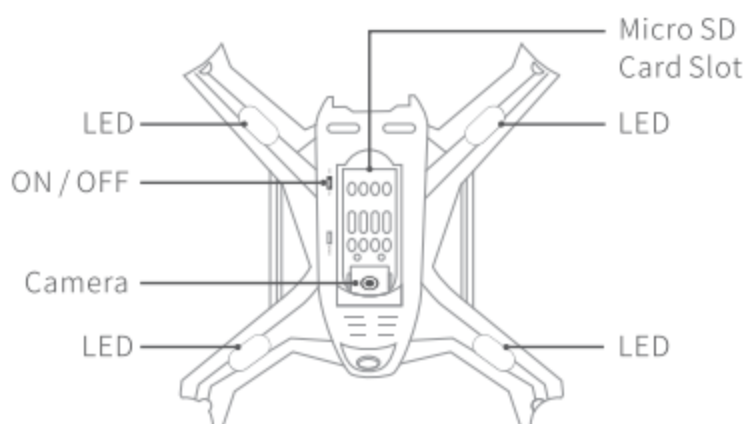
Screwdriver



Screw Set / 8 pcs

# FUNCTION OVERVIEW

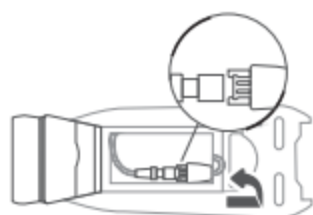
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## IMPORTANT

1. Make sure you power on the drone first, then the remote in each flight.
2. Do repeat the linking procedure each time the drone or the remote are restarted.

## Drone Battery



Red LED: Charging  
LED OFF: Fully Charged

- To open the battery cover, push the camera towards the tail of the drone as directed by the arrow.
- Push towards the head of the drone to close the battery cover.
- Place your thumb on the edge of the lid covering the drone battery and slide to open.

## Assembling Your Drone



Install the landing skids to the bottom of the drone, and snap the protective frame connectors into the shackles, then tight the screws.

## FLIGHT PREPARATION

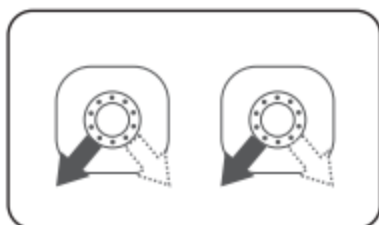
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### Linking the Remote with Your Drone

1. Turn on the drone and the remote. LEDs on both the drone and the remote start flashing. Put the drone on a flat surface.
2. Push the left control stick forward to the top then pull backward till the bottom. Pairing is successful when the LEDs are solid on.

### Flight Calibration

When the drone can not vertically ascend, or your drone LEDs flash rapidly after sudden impact, move both control sticks to lower left/right in 45° and hold for 2-3 sec. Calibration completes when LED light is solid on from flashing.



### Connecting Your Mobile Device

1. Download **SNAPTAIN Era** into your mobile device from App Store / Google Play or by scanning QR below.



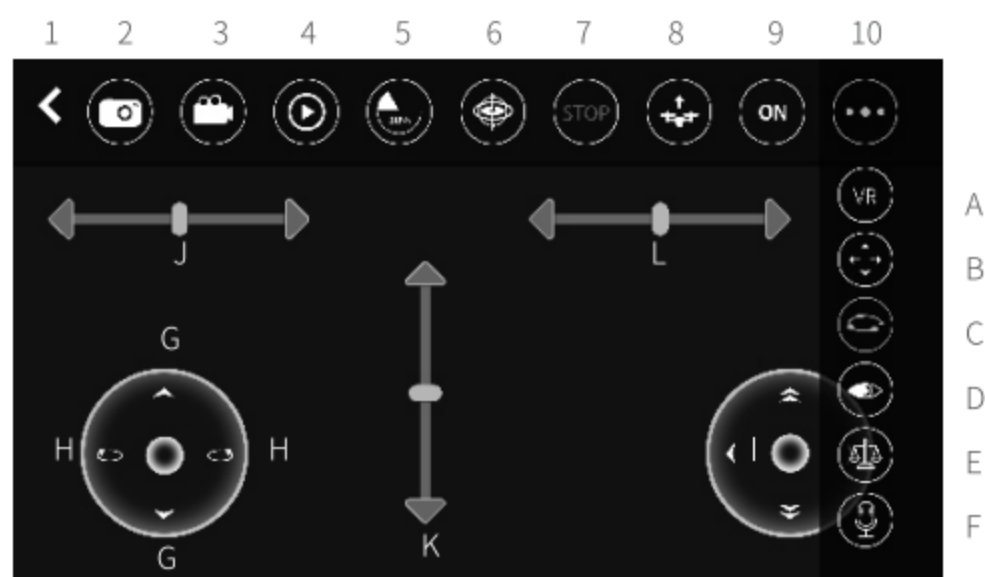
Android



IOS

2. Power on the drone and the LED will flash. Go to WiFi settings in your mobile device. Disconnect the current WiFi connection. Connect to the network "Snaptain-S5C-xxxx". LED turns solid at a successful connection.

## App Operation Panel






- |                               |   |
|-------------------------------|---|
| 1. Back                       | A. VR Mode                                      |
| 2. Photo                      | B. Headless Mode                                |
| 3. Video                      | C. Trajectory Flight                            |
| 4. Media Gallery              | D. Trim ON/OFF                                  |
| 5. Speed Switch               | E. Calibration                                  |
| 6. G-Sensor                   | F. Voice Control                                |
| 7. Stop                       | G. Up / Down                                    |
| 8. One key take-off / landing | H. Turn left / Turn right                       |
| 9. APP On / Off               | I. Forward / Backward /<br>Leftward / Rightward |
| 10. More                      | J. Trim Clockwise / Anticlockwise               |
|                               | K. Trim forward / backward                      |
|                               | L. Trim leftward / rightward                    |



## FLIGHT PREPARATION

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- \* Tap  to hide or display icons from "A" to "F".
- \* Tap  once and one photo will be taken.
- \* Tap  once to start recording. Tap again to end and save the video.
- \* Voice Command: forward, backward, to leftside, to rightside, take off, land. Command 'video' once to start recording; command again to end and save video.
- \* G-Sensor Mode: Your drone will move following inclines of your mobile device in its landscape orientation in this mode.
- \* VR device (not included) is required to activate VR Mode function.
- \* On/Off: All functions in the App work only when it's tapped to ON, except Photo, Video and VR Mode.

## FLIGHT OPERATION GUIDE

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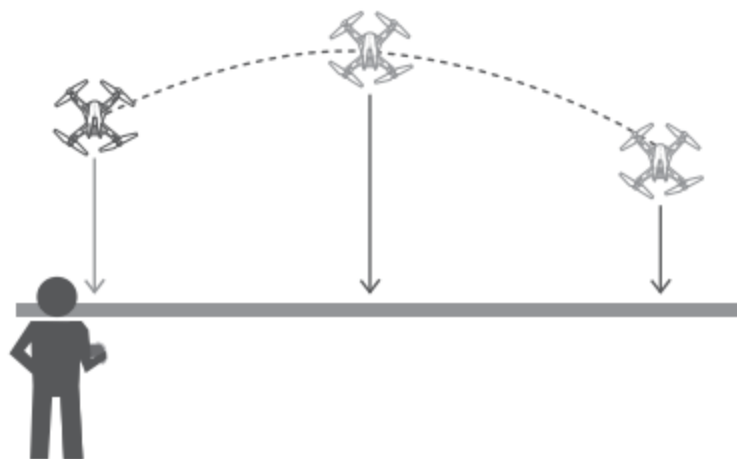
**IMPORTANT:** For all flight functions and modes, the operator and tail of the drone must be aligned.

### 360° Flip

Fly the drone to a height over 2 meters, press the 360° Flip button and move the right control stick to flip the drone 360° accordingly.

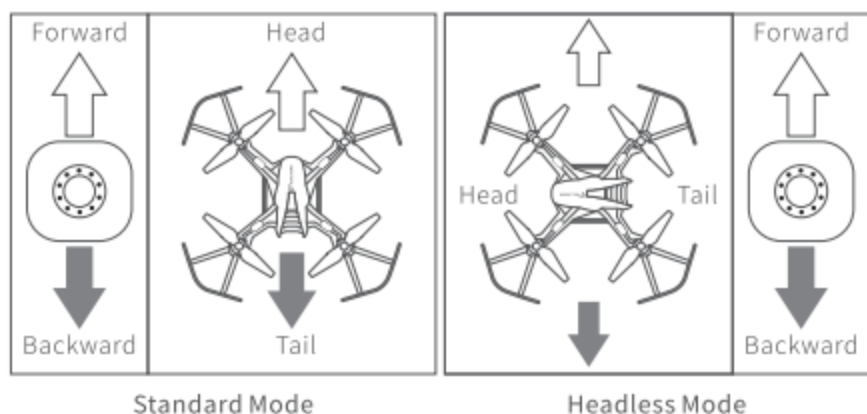
### One Key Return

Press the One Key Return button, the drone will fly toward its back with path paralleled to its original take-off path. Press the button again to cancel the mode.



## Headless Mode

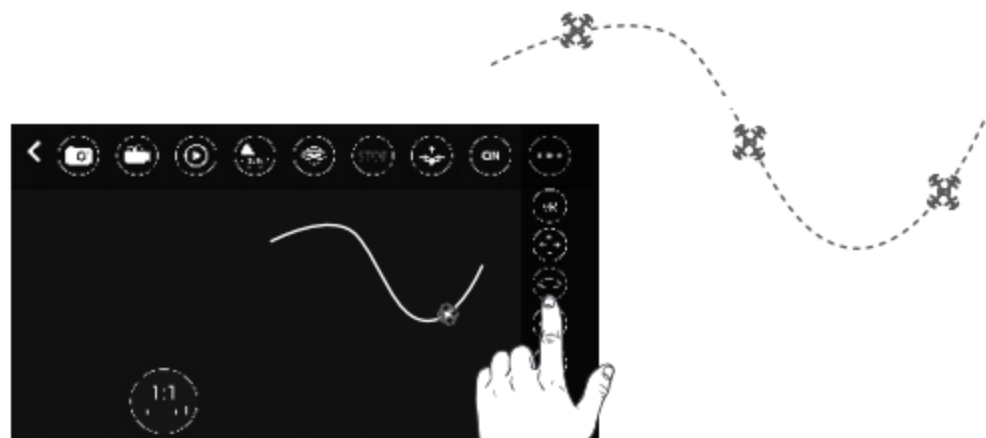
Press the Headless Mode button to activate the function. In this mode the drone will fly following direction of your control stick regardless of the position of your drone's head or the tail. Press the same button to exit this mode.



## Trajectory Flight

This function is only applicable on the SNAPTAIN Era APP.

Tap  to activate Trajectory Flight mode, draw a path in the blank, and the drone will fly following the path. Tap the scale to adjust flight distance and time accordingly. Click the same button again to exit this mode.



# FLIGHT OPERATION GUIDE

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## Speed Switch

The drone is set to low speed by default. Press Speed Switch button once for medium speed, press again for high speed. A third press will get back to low speed.

## Altitude Hold/Hover

This is one of the default settings on the drone. When you release the Left Control Stick after an ascending/descending, the drone will hover at the current flight height.

## PARAMETERS

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Photo Resolution	1280*720
Photo Format	JPEG
Video Resolution	720P
Video	AVI
Motor	816 Coreless Motor
Drone Battery	3.7V / 550mAh
Flight Time	7-9mins
Charging Time	90mins
Memory Capacity	Micro SD card up to 64G (Card is not included)
Mobile APP Requirement	Android 4.0 or above, iOS7.2 or above

## TROUBLESHOOTING GUIDE

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Q1: Drone LEDs do not turn on.

- \*Press power button on the drone.
- \*Replace or charge your drone battery.
- \*Make sure the connectors are plugged in firmly.

Q2: Drone LEDs keep flashing and the control input is unresponsive.

- \*Link your drone and remote again.

Q3: Drone LEDs flash but the drone doesn't respond to control stick.

- \*Replace or charge your drone battery.

Q4: The Motors spin but the blades don't and the drone won't take off.

- \*Replace the blades/propellers.
- \*Replace or charge your drone battery.

Q5: The flight is not stable.

- \*Return the drone and restart to do a flight calibration as instructed.

Q6: The response from the drone to the control is not sensitive.

- \*Make sure the distance between the drone and the remote is effective.

Q7: Connection between the drone and the App is frequently lost.

- \*Make sure the distance between the drone and the remote is effective.
- \*Your mobile device is connected to another network.

Q8: The App doesn't respond to voice commands.

- \*Ensure the drone App has access to the audio function of your mobile device.

Q9: Some of the functions don't work in the App.

- \*Make sure the switch for the App is ON.



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