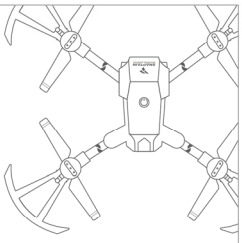
SNAPTAIN SUPPORT

US support@snaptain.com
CA support@snaptain.com
UK support.uk@snaptain.com

www.snaptain.com @snaptainofficial @snaptain_official



SNAPTAIN

A15H

Foldable Drone

USER MANUAL

Please read this manual carefully before flying and keep it well for future use.

14+

US
V1.04

DISCLAIMER AND SAFETY GUIDELINES

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 to avoid some tiny objects (e.g. hair) to get into them.

6. This product is not a toy and not recommended for users under age 14.

14+

7. Please maintain line-of-sight of your drone at all times after it is powered up. Do not rely on the camera image to control your drone.

8. This drone does not come with a GPS module. Please fly the drone within the control range and always keep an eye on the flying.

GPS

9. This product is not intended for professional aerial drone photography.

10. 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.

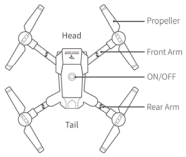
SNAPTAIN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Safety Guidelines. SNAPTAIN reserves the right to update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

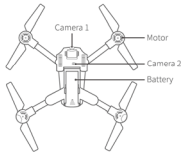
MAINTENANCE AND CARE

1. Thoroughly check the drone after a crash or violent impact.
2. Do not charge battery if it is hot. Let it cool down first.
3. Remove the batteries from both the drone and the remote if they will not be used for a long time.
4. Unplug the charger once the battery is 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 inflammable materials, such as carpet, wood floors or countertops etc., or on surfaces that are electrically conductive. Do not leave the battery unattended while charging.
8. Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.
9. Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosions.
10. Do not leave the battery in an extremely high-temperature environment that can result in an explosion or the leakage of flammable liquid or gas.
11. Do not expose the battery to the extremely low air pressure, as this may result in an explosion or the leakage of flammable liquid or gas.

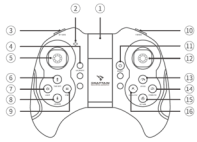
PRODUCT OVERVIEW

Drone





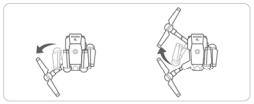
Remote



① Phone Clamp
② LED Indicator
③ Photo
④ Calibration (long press)
⑤ Left Control Stick
⑥ One Key Take-off
⑦ Drone's LEDs ON/OFF
⑧ One Key Landing
⑨ Emergency Stop(long press)
⑩ Video
⑪ ON/OFF
⑫ Right Control Stick
⑬ Speed Switch
⑭ Headless Mode
⑮ One Key Return
⑯ Circle Fly

FLIGHT PREPARATION

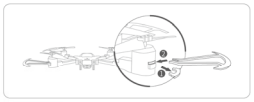
1. Unfold the rear arms, then the front arms.



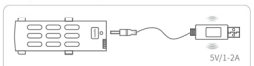
2. Remove the protective film from the camera.

3. Install the propeller guards into the drone.

① Remove the small plastic chip from the rotor shell.
② Insert the propeller guard into the rotor shell.



4. Charge the drone battery.

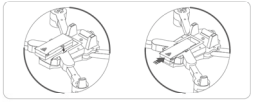


Charging: Solid red
Fully charged: Solid green

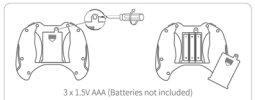
Notes:

* The drone's LEDs keep flashing when its battery is low.
* Please use the original battery and USB cable provided.
* Keep the battery away from any sharp objects that could puncture into the battery to avoid risks of explosion and fire.
* It's not recommended to charge the battery from the USB port of PC.
* Flight time may be reduced when flying in low-temperature environments.
* To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.

5. Install the battery into the drone after it's fully charged.

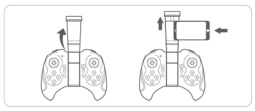


6. Install the remote batteries.

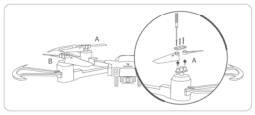


3 x 1.5V AAA (Batteries not included)
The remote will beep when its battery is low.

7. Unfold the phone clamp to mount your mobile device.



8. Replace the propellers when it's needed. (Optional)



① Loosen the screws, then remove the cap.
② Take out the propellers.
③ Fit the spare propellers into the drone according to the mark (A/B) on them.
④ Install the cap and tighten the screws.

FLIGHT OPERATION GUIDE

IMPORTANT

* Make sure you power on the drone first, then the remote in each flight.
* Do repeat the pairing and calibration procedure each time the drone or remote is restarted.
* For all flight functions and modes, the operator and tail of the drone must be aligned.
* We recommend flying in the open air and within the control range for beginners.

Remote Operation Guide

1. Pair the Remote with the Drone

Step 1:
Press the **ON/OFF** button to turn on the drone; its LEDs start flashing quickly. Then place the drone on a flat surface with the head forward.

Step 2:
Press the **ON/OFF** button to turn on the remote; the remote beeps once and its LED indicator starts flashing quickly.

Step 3:
Push the **Left Control Stick** forward to the top, then pull it backward till the bottom. Pairing is completed when the LEDs on the drone and remote turn solid on.

2. Flight Calibration

Option 1:
Simultaneously move the **Left Control Stick** to lower right at 45° and the **Right Control Stick** to lower left at 45°, then hold for 2-3 seconds until you hear a long beep from the remote. Calibration is completed when the LEDs of the drone turn solid on from quick flashing.

Option 2:
Press and hold the **CALIBRATE** button until you hear a long beep from the remote. Calibration is completed when the LEDs of the drone turn solid on from quick flashing.

3. Flight Instructions

Take-off

Option 1:
Press the button to take off.

Option 2:
Simultaneously push the **Left Control Stick** to lower left at 45° and the **Right Control Stick** to lower right at 45° until the four propellers start rotating, then slowly push the **Left Control Stick** forward to take off.

Landing

Option 1:
Press the button to land the drone.

Option 2:
Slowly pull the **Left Control Stick** backward until the propellers stop rotating to land the drone.

Flight Directions

Left Control Stick

		Push the Left Control Stick forward and the drone will ascend; pull it backward and the drone will descend.
		Pull the Left Control Stick leftward and the drone will rotate to the left; pull it rightward and the drone will rotate to the right.

Right Control Stick

		Push the Right Control Stick forward and the drone will fly forward; pull it backward and the drone will fly backward.
		Pull the Right Control Stick leftward and the drone will fly leftward; pull it rightward and the drone will fly rightward.

Photo/Video

Please connect the drone to your mobile device first (refer to **Page 17-19**), then go to the App **Snaptain Mate** to check your photos and videos.

Press the button to take a photo.	Press the button to start recording a video; press it again to stop recording and save the video.

Speed Switch

The drone is set to low speed by default.
Press the button once for **Medium** speed and the remote will beep twice.
Press it again for **High** speed and the remote will beep three times.

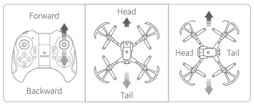
(Medium Speed) (High Speed)

Press it the third time to get back to **Low** speed and the remote will beep once.

Headless Mode

Press the button to activate **Headless Mode**; LEDs on the drone start flashing.

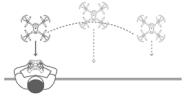
In this mode, the drone will fly following the direction of the **Right Control Stick** regardless of the position of your drone's head or tail.



Press the same button to exit this mode; LEDs on the drone turn to solid on.

One Key Return

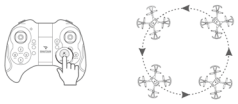
Press the button, then the drone will fly toward its back following a path parallel to its original take-off path.



Press the button again or push the **Right Control Stick** forward to cancel this mode.

Circle Fly

In the case of barrier-free within 5 meters radius around the drone, press the button to fly the drone in a circle.



Press the button again or push the **Right Control Stick** forward to exit this mode.

Note:

This function can't be activated when the battery of the drone is low.

Emergency Stop

Press and hold the button, then the drone will stop in the air and fail.

Note:

It's NOT recommended to use this function during normal flight for landing, which may result in serious damage to your drone.

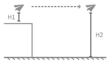
Optical Flow Positioning

When you release the **Left Control Stick** after an ascent/descent action, the drone will hover at the current flight height.

Note:

The drone cannot hover well if flying in the circumstances mentioned below.

① The flight altitude is more than 10 meters.
② Fly over water.
③ Fly in a dim circumstance.
④ Fly above a smooth, reflective surface.
⑤ Fly above a two-tone striped surface.
⑥ The flight altitude dramatically increases or decreases.



App Operation Guide

1. Download and Install the App

Download and install **Snaptain Mate** into your mobile device from **App Store™/Google Play™** or by scanning the QR code below.

For Android 4.4 or later

For iOS 8.5 or later

Note:

Google Play™ is a trademark of Google Inc., and App Store™ is a trademark of Apple Inc.

2. Pair the App with the Drone

Step 1:
Press the **ON/OFF** button to turn on the drone, and its LEDs start flashing quickly. Then place the drone on a flat surface with the head forward.

Step 2:
Go to the Wifi settings of your mobile device and connect to the Wifi **SNAPTAIN-A15-xxxxxx**.

Step 3:
Open **Snaptain Mate** App and slide to the interface of **A15H**. Tap **Play** to enter and tap , LEDs on the drone turn solid on at a successful connection.

Step 4:
Tap , then tap to calibrate the drone.

IMPORTANT

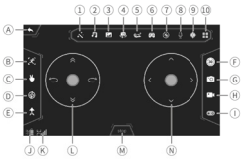
If you want to use the App to check the live image and the remote to control the drone, tap to turn off the virtual remote, then turn on the remote and pair it with the drone.

Notes:

* If **SNAPTAIN-A15-xxxxxx** is not listed or the App doesn't show the preview image, please restart the drone and search the Wifi of the drone again.

* Make sure the Wifi **SNAPTAIN-A15-xxxxxx** is only connected to one device.
* The drone's Wifi has no Internet access. To prevent your mobile device from automatically switching to cellular data, it's recommended that you turn off cellular data when connecting to the drone's Wifi.

3. Function Overview of the App



① Filter
② Music
③ Media Gallery
④ Switch Camera
⑤ Trajectory Flight
⑥ VR Moce
⑦ Headless Mode
⑧ Voice Control
⑨ Calibration
⑩ More

Ⓐ Back
Ⓑ Mark and Track
Ⓒ Gestures for Photo/Video
Ⓓ G-Sensor Mode
Ⓔ One Key Take-off/Landing
Ⓕ Speed Switch
Ⓖ Photo
Ⓗ Video
Ⓘ Virtual Remote ON/OFF
Ⓙ Drone Battery Status
Ⓚ Wifi Signal
Ⓛ Ascend/Descend/ Turn Left/Turn Right
Ⓜ Emergency Stop
Ⓝ Forward/Backward/ Left/Right

More:
Tap to show or hide icons from ① to ⑨.

Filter:
Tap to select a filter, and you can take photos or record videos with the selected filter.

Music:
Tap > **Please select BGM** to set your desired BGM for video recording.

Media Gallery:
Tap to check the photos and videos saved to your mobile device.

Switch Camera:
Tap to switch between two cameras.

VR Mode:
VR device (not included) is required to activate **VR Mode**.

Voice Control:
Take off, land, forward, backward, to leftside, to rightside.

Calibration:
Tap to directly calibrate the drone.

Photo:
Tap to take a photo.

Video:
Tap to start recording, tap again to stop and save the video.

Wifi Signal:
Check the Wifi status of the drone to avoid losing control. When it drops to 1 bar, please fly the drone back.

Drone Battery Status:
Check the battery status of the drone.

Gestures for Photo/Video

Tap to activate this function. Within a distance of 1.5m between you and the camera, please face the camera and make a gesture with your hand to take a photo, a gesture to start or stop recording a video.

Note:

* This function is unavailable when **Mark and Track** is enabled.

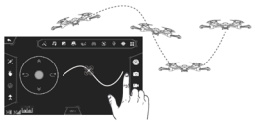
G-Sensor Mode

Tap to activate this mode. The drone will fly following the inclines of your mobile device in its landscape orientation.

Tap again to exit this mode.

Trajectory Flight

Tap to activate this mode. Draw a path on the blank area of the screen and the drone will fly following the path. Tap to modify flight distance and time accordingly.



Tap again to exit this mode.

Mark and Track

When **Mark and Track** is enabled during the flight, the drone will track the moving object.

Step 1:
Tap to activate this mode.

Step 2:
Tap on an object that is framed on the screen. The red frame will turn green once the object is selected.

Step 3:
The drone will start to track the moving object.

Tap again to exit this mode.

Notes:

* Please maintain a safe and effective distance between the object and the drone when enabling this function.
* This function is not working if the chosen object is moving in a dim circumstance, blocked or out of sight, or out of effective distance.
* This function can't be activated when the drone battery is low.

TROUBLESHOOTING GUIDE

Q1. Fail to power on the drone.
* Check that the battery is fully charged and correctly installed into the drone.

Q2. Fail to power on the remote.
* Check that you've installed three AAA batteries (1.5V) into the remote and the polarity is correct.

Q3. The remote cannot be paired with the drone.
* Ensure that you power on the drone first, then the remote. Refer to **Page 9-10** for instructions on pairing.

Q4. The drone cannot take off.
* Ensure that the remote has been paired with the drone. Refer to **Page 11** for instructions on take-off.

Q5. The drone cannot hover stably.
* Check that the **Camera 2** on the bottom of the drone is clean and isn't blocked.
* The drone cannot hover well in the circumstances mentioned on **Page 17**.

Q6. Why can't I see the live image after launching the app?
* Check that your mobile device has connected to the drone's Wifi.
* The drone's Wifi has no internet access. To prevent your mobile device from automatically switching to cellular data, it's recommended that you turn off cellular data when connecting to the drone's Wifi.

Q7. The drone cannot take off after I replace the propellers.
* Check that you've correctly installed the propeller according to the mark (A/B) on it.

Q8. Why do the drone's LEDs keep flashing? Is that a low battery warning?
* Check the drone's battery status in the app. If it's not in low battery status, check if you turn on the **Headless Mode**.

Q9. Why can't I save photos or videos to my mobile device?
* Ensure that the app has access to your album.
* Ensure that the live image is smooth when shooting photos or recording videos.

Q10. Fail to charge the drone battery.
* Only use the charging cable provided.

Q11. The drone doesn't fly according to my control.
* Check if you turn on the **Headless Mode**. Ensure that the drone's head faces forward.

Q12. Why can't I use the app to control the drone?
* Ensure that you've turned off the remote. Check that you've turned on the virtual remote on the app.

FCC Caution:

Any 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.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to par. 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 toradio 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 o an experienced radio/TV technician for help.
For Remote:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
For R/C QUADCOPTER:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISEDC Warning:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
For R/C QUADCOPTER:
The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.
L'appareil est conforme aux directives d'exposition aux RF, les utilisateurs peuvent obtenir des informations canadiennes sur l'exposition aux RF et la conformité. La distance minimale du corps pour utiliser l'appareil est de 20 cm.

For Remote:
The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance.
Le présent appareil est conforme Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radofréquences et la conformité and compliance d'acquérir les informations correspondantes.
This transmitter must not be co-located or operating in conjunction withany other antenna or transmitter.
Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

The symbol indicates DC voltage

RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.
This product can be used across EU member states.
The device is low power device, it can meet the requirement of the RF exposure.

EU Compliance Statement: Shenzhen VanTop Technology & Innovation Co. Ltd. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.
A copy of the EU Declaration of Conformity is available online at https://docvantop.com/.

BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY

Manufacturer

Shenzhen VanTop Technology & Innovation Co., Ltd.
Manufacturer address:
502, 5th Fl. BLDG 4, MinQi Technology Park, No. 65 Lishan Road, Taoyuan Street, Nanshan District, Shenzhen, China

EC REP

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Info@ce-connection.de