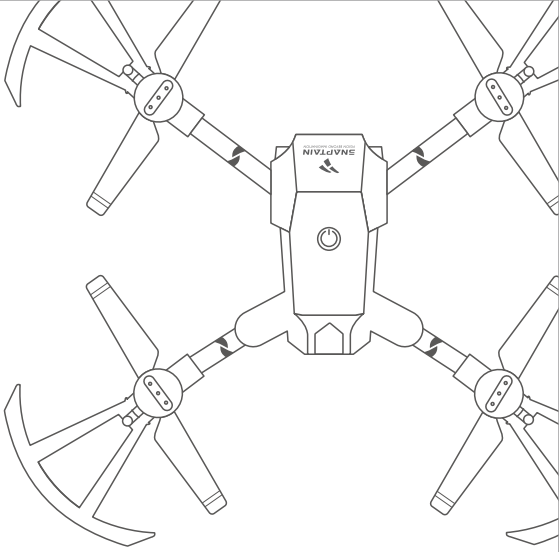


SNAPTAIN

A15H

Foldable Drone

USER MANUAL

FOR AGES 14+

V5.04(A)

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.

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.

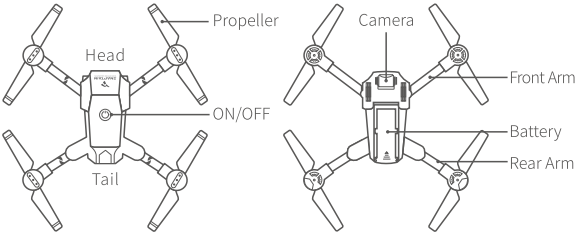
9. This product is not intended for professional aerial drone photography.
10. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

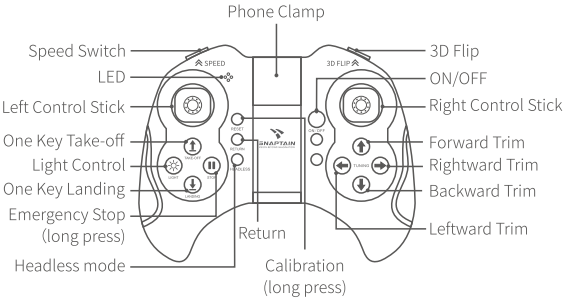
SNAPTAIN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Safety Guidelines. SNAPTAIN reserves the right to update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

MAINTENANCE AND CARE

1. Thoroughly check the drone after 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.

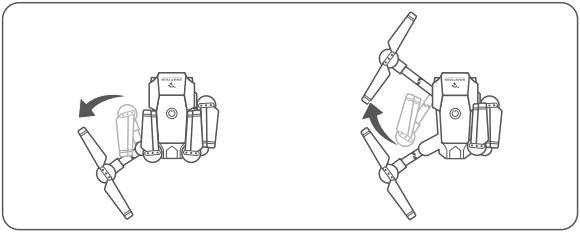
PRODUCT DESCRIPTION



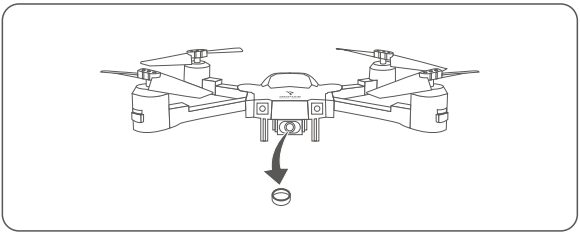


FLIGHT PREPARATION

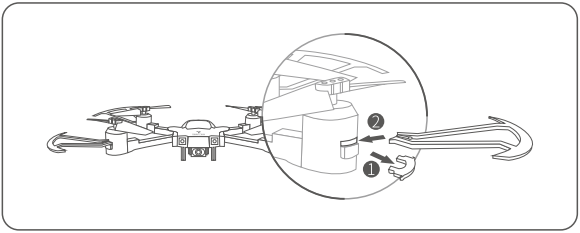
1. Unfold the rear arms, then the front arms.



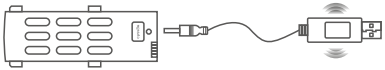
2. Remove the gimbal cover from the camera on the drone.



3. Install the propeller guards into the drone.
   ①Remove the small plastic chip from the rotor shell.
   ②Insert the propeller guard into the rotor shell.



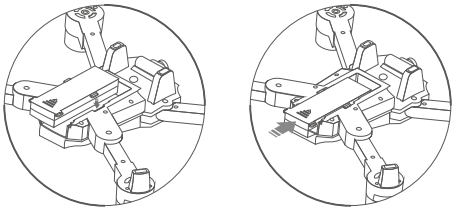
4. Charge the battery of the drone.



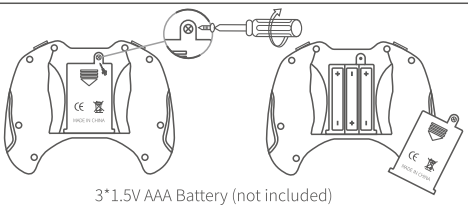
Charging: Red LED
Fully Charged: Green LED

Please always keep an eye on the battery while charing.

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

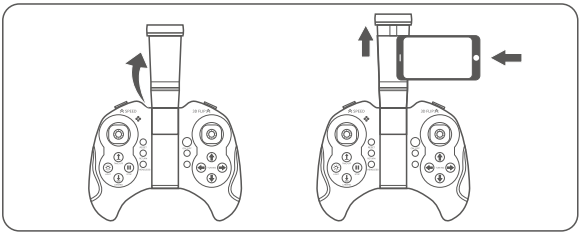


6. Install the remote batteries.



3*1.5V AAA Battery (not included)
The remote will beep if the power of the batteries is low.

7. Unfold the Phone Clamp if it's needed.



Tips:

1. For your safety, please use the original battery and USB cable provided.
2. Flight time of the battery may be reduced when filing in cold weather.
3. Keep the battery away from any sharp objects that could puncture into the battery to avoid risks of explosion and fire.
4. The LEDs on the drone will flash when the battery of the drone is low during flight.
5. To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.

FLIGHT OPERATION GUIDE

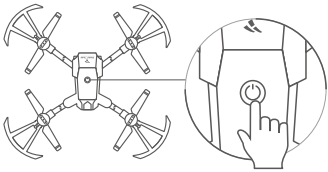
Fly the Drone with the Remote

IMPORTANT

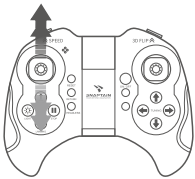
* Make sure you power on the drone first, then the remote in each flight.
* Do repeat the pairing procedure each time when the drone or remote is restarted.
* Calibration is a must to avoid losing your drone.
* For all flight functions and modes, the operator and tail of the drone must be aligned.
*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

1. Pair the Remote with the Drone

Step 1:
Turn on the drone first. LEDs on the drone start to flash quickly, then place the drone on a flat surface with the head of drone/camera in the front.

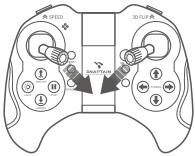


Step 2:
Turn on the remote. LED on the remote starts flash quickly. Push the **Left Control Stick** forward to the top, then pull it backward till the bottom. There is a beeping sound in each step. Pairing is successful when the LEDs on the drone and remote are solid on.

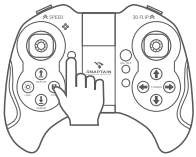


2. Flight Calibration

Option 1:
After successfully pairing the drone and remote, move the **Left Control Stick** to lower right corner at a 45° angle and the **Right Control Stick** to lower left corner at a 45° angle at the same time, then hold for 2-3 secs. The calibration completes when the LEDs on the drone turn to solid on from quick flash.



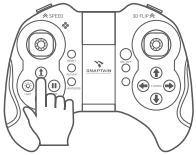
Option 2:
Press and hold the **Reset** button for 3s to calibrate the drone directly after pairing.



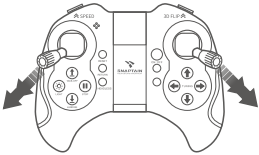
3. Flight Instructions

Take-off

Option 1:
Press the ⬆ button to take off.

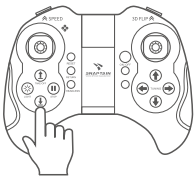


Option 2:
Move the **Left Control Stick** to lower left corner at a 45° angle and the **Right Control Stick** to lower right corner at a 45° angle at the same time until four propellers start rotating, then slowly push the **Left Control Stick** forward to take off.

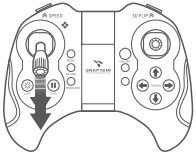


Landing

Option 1:
Press the ⬇ button to land.

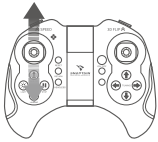
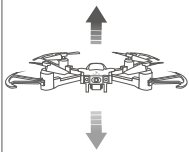
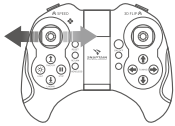
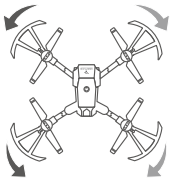


Option 2:
During flight, pull the **Left Control Stick** backward to the bottom to land the drone, and hold it for 3s at least until all the propellers stop rotating.

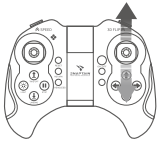
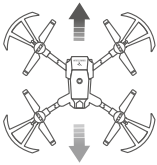
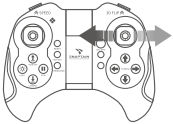
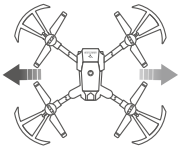


Flight Directions

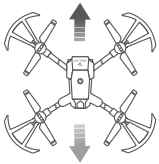
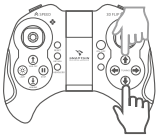
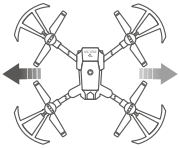
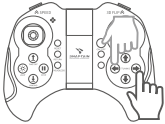
Left Control Stick

Ascend and descend 		Push the Left Control Stick forward and the drone will ascend; pull it backward and the drone will descend.
Rotate Left and Rotate Right 		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

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

Flight Trimming

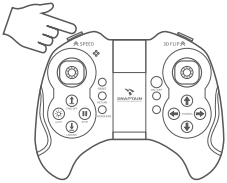
		If the drone drifts forward or backward when flying, press the Backward Trim button or the Forward Trim button to adjust.
		If the drone drifts leftward or rightward when flying, slightly press the Rightward Trim button or the Leftward Trim button to adjust.

Altitude Hold/Hover

This is one of the default settings in the drone. When you release the **Left Control Stick** after the ascending/descending action, the drone will hover at the current flight height. For a stable flight, press the trim buttons to adjust accordingly.

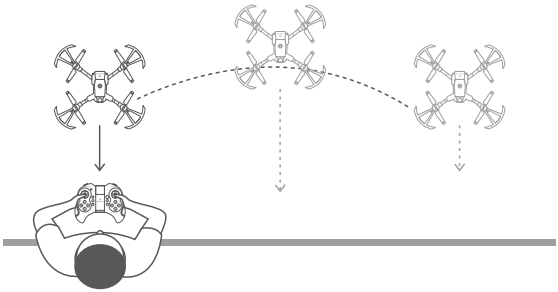
Speed Switch

The drone is set to low speed by default. Press the **SPEED** button once for medium speed and there are two beeps from the remote. Press it again for high speed and there are three beeps from the remote. A third press will get back to low speed and there is one beep from the remote.



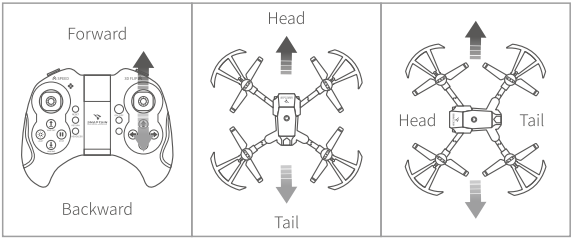
One Key Return

Press the **RETURN** button, the drone will fly toward its back following a path that parallels with its original take-off path. Long press the button again to cancel the mode.



Headless Mode

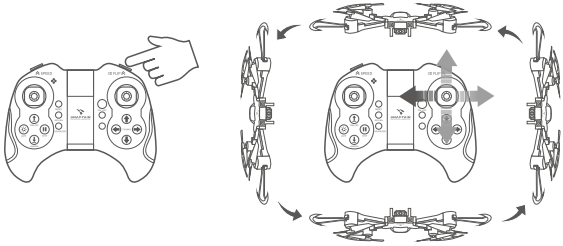
Simply press the **HEADLESS** button to activate the function. The LEDs on the drone will flash and there is beeping sound from the remote. In this mode, the drone will fly following the direction of the **Right Control Stick** regardless of the position of your drone's head or the tail. Press the same button again to exit this mode.



Standard Mode Headless Mode

360° Flip

After flying the drone to a height over 2 meters, press the **3D FLIP** button to activate **360° Flip** function. Then move the **Right Control Stick** forward/backward/leftward/rightward to flip the drone 360°accordingly.



*This function can not be activated when the battery of drone is low.

Fly the Drone with the App

App Download and Installtion

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

For Android 4.4 and later

For iOS 9.0 and later

Pair the App with the Drone

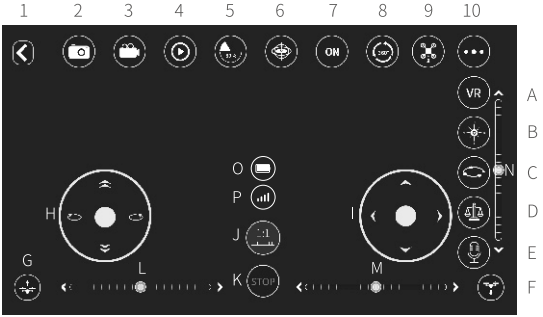
Step 1: Power on the drone and the LEDs will flash.
Step 2: Go to the Wifi setting of your mobile device and connect to the Wifi SNAPTAIN-A15H-xxxx.
Step 3: Open **Snaptain Air** App.
Step 4: Tap **Function Display** and **ON/OFF** to turn on the App. LEDs on the drone turn to solid on at a successful connection.
Step 5: Tap ••• , then tap ⊕ to calibrate the drone.

Notes

① If SNAPTAIN-A15H-xxxx is not listed or the App does not show the preview image, please restart the drone and search the Wifi of drone again.

② Make sure SNAPTAIN-A15H-xxxx Wifi is only connected to one device.

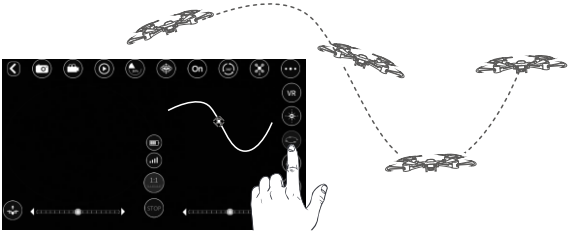
Function Overview of the App



1. Back
2. Photo
3. Video
4. Media Gallery
5. Speed Switch
6. G-Sensor Mode
7. App ON/OFF
8. 360° Flip
9. One Key Return
10. More

A. VR Mode
B. Headless Mode
C. Trajectory Flight
D. Calibration
E. Voice Control
F. One Key Landing
G. One Key Take-off
H. Turn Left/Turn Right/ Ascend/Descend
I. Forward/Backward/ Leftward/Rightward
J. Scale
K. Emergency Stop
L. Trim clockwise/anticlockwise
M. Trim leftward/rightward
N. Trim forward/backward
O. Battery Status
P. Wifi Signal

* More: Tap to hide or display icons from A to E.
* Photo: Tap once to take one photo and save to your mobile device.
* Video: Tap once to start recording; tap again to end and save the video to your mobile device.
* Media Gallery: Tap to check the photos and videos taken by the App.
* G-Sensor Mode: Tap to activate this mode. Your drone will fly following the inclines of your mobile device in its landscape orientation.
* VR Mode: VR device (not included) is required when activating VR mode.
* Trajectory Flight: Tap to activate this mode. Draw a path in the blank area on the screen and the drone will fly following the path. Tap to modify flight distance and time accordingly. Tap again to exit from this mode.



* Calibration: Tap to calibrate the drone directly.
* Voice Control: Take off, land, forward, backward, to leftside, and to rightside.
* Battery Status: check the battery status of the drone. We recommend flying the drone close to you when the battery status shows Red bar.
* Wifi Signal: check the Wifi singal strength of the drone to avoid losing control. When it drops to 1 of 4 bars( ) , please fly the drone back immediately.

Notes:

① To fly the drone with the remote while see the image through your mobile device in the App operation mode, tap the ON/OFF icon to OFF, then pair the drone with the remote again.

② To directly share the photos and videos from this App, please switch the Wifi from SNAPTAIN-A15H-xxxx to your router's Wifi.

TROUBLESHOOTING GUIDE

Q1: Drone LEDs do not light up.
- *Press power button on the drone.
- *Replace or charge your drone battery.

Q2. Drone LEDs keep flashing, but the drone never responds to any command from the remote.
- *Pair the drone and remote again.
- *Replace or charge the battery of drone.
- *Make sure the batteries of the remote have enough power.

Q3: The flight is not stable.
- *Return the drone and restart to do a flight calibration as instructed.
- *Make the flight trimming accordingly.
- *Fly the drone when the weather is good.

Q4: The response from the drone to the control is not sensitive.
- *Make sure the distance between the drone and the remote is effective.

Q5: Connection between the drone and the App is frequently lost.
- *Make sure the distance between the drone and the mobile device is effective.
- *Make sure your mobile device is not connected to another network.

Q6: The App doesn't respond to voice commands.
- *Ensure the drone App has access to the audio function of your mobile device.
- *Make sure unpair the remote with the drone first, then pair the drone with the App.

Q7: Some of the functions don't work in the App.
- *Make sure the switch for the App is ON.

Q8: The drone will fly beyond the control range.
- *Activate the **Headless Mode**, then move the **Right Control Stick** to fly the drone back.

Q9: Replace the rotor blades.
- *The rotor blades and motors are marked A and B. Please pair them when replacing the rotor blades.

SPECIFICATIONS

Drone	
Operating Temperature	32°F to 104°F (0°C to 40°C)
Frequency Range	Model A15H: 2405-2475 MHZ
Transmit Power (EIRP)	Model A15H: 2.4GHz＜14dBm
Remote	
Frequency Range	Model A15H: 2425-2455 MHZ
Transmit Power (EIRP)	Model A15H: 2.4GHz＜14dBm
USB Cable	
Input	5V ⎓ 1-2A
Output	5V ⎓ 1A
Rated Power	5W

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 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.
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 radiofréquences et la conformité and compliance d'acquérir les informations correspondantes.
This transmitter must not be co-located or operating in conjunction with any 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://doc.vantop.com/.

BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY

Manufacturer

Shenzhen VanTop Technology & Innovation Co., Ltd.

Manufacturer address:

502, 5th Flr. BLDG 4, MinQi Technology Park, No. 65 Lishan Road, Taoyuan Street, Nanshan District, Shenzhen, China

EC REP

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