

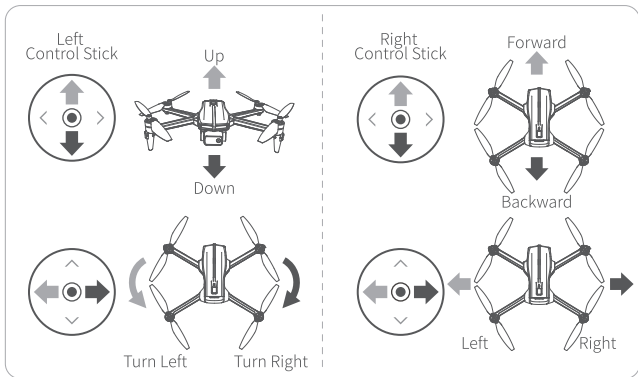
Note

Before taking off, ensure the drone is on a level surface and the surrounding area is obstacle-free.

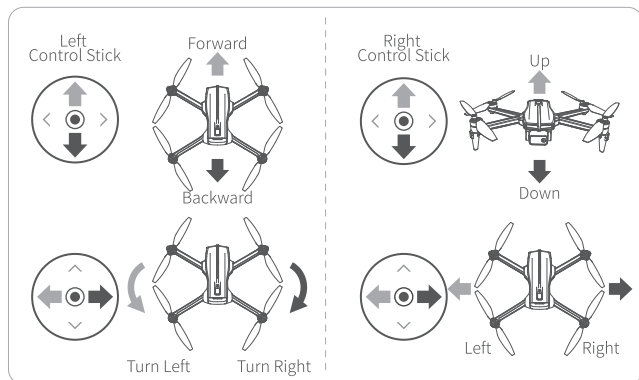
2. Flight Directions

The default remote mode is Mode 1 (used for manual illustration). To switch the mode: with the remote turned off, press and hold the  button; while holding the  button, press and hold the **Power button** until the remote is turned on.

Mode 1

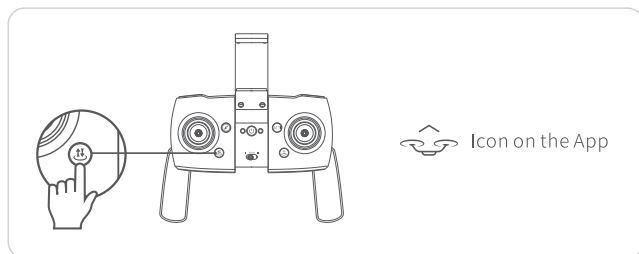


Mode 2

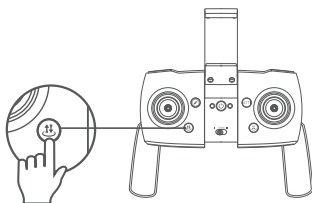


Functions

One Key Take-off and Landing



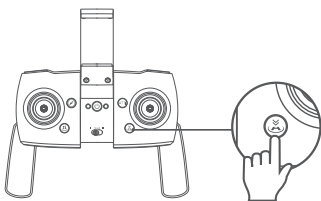
* Land: When the drone hovers in the air without any obstacles, press and hold the  button for 1s to make it descend and land until the propellers stop rotating.



Icon on the App

One Key Return

Press and hold the  button for 1 s on the remote. The drone will automatically return to the recorded takeoff point (home point). To cancel this function, press the  button again.



Icon on the App

Note

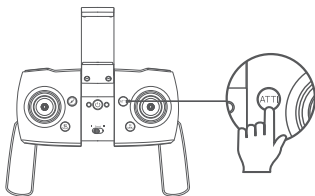
When the drone's battery level is critically low or the drone and the remote disconnect, it will initiate a return. You can manually control its return within a 30-meter distance between you and the drone, and if the drone is within 5 meters of the home point, it will descend and land directly.

GPS Mode / Attitude Mode

When GPS signal is strong (outdoors or areas with weak signal interference), the drone automatically switches to **GPS Mode**, making all GPS-related functions available. In areas with weak GPS signal, the drone will not take off for safety reasons. To proceed with takeoff, manually switch to **Attitude Mode** by pressing and holding the **ATTI** button on the remote for 3 seconds. The drone will remain in **Attitude Mode** until the drone is restarted.

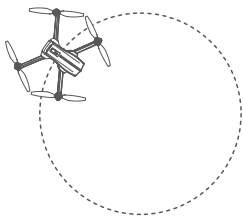
Note

In Attitude Mode, all GPS functions are unavailable and the drone cannot automatically return home, affecting flight safety. For safety purposes, please maintain a safe distance from crowds, fly in open areas, and keep the drone within your line of sight.



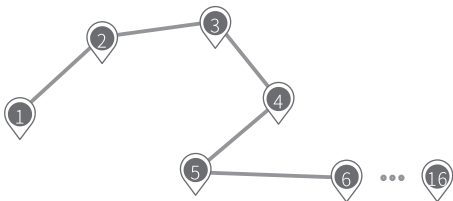
Circle Fly

Ensure there are no obstacles around the drone. Launch the app, tap  on the flight control interface and select  to set the desired radius, then confirm to initiate the circular flight pattern. You can use the left control stick to adjust the circular flight altitude and the right control stick to stop circular flight.



Waypoints

To initiate a **Waypoint Flight**, launch the app, tap  on the flight control interface and select . Follow the instructions to choose up to 16 waypoints within the circle on the map, and then tap **Start** to begin the flight. The drone will then fly to each waypoint in sequential order.



Intelligent Shooting

You can access the intelligent shooting modes next to the shutter icon  on the app's flight control interface.

Far Away:

The drone will fly backward and upward from the current position for about 20 meters (65.62 ft) while recording a video. Afterward, it will return to the original position.

Rocket:

The drone will vertically ascend about 20 meters (65.62 ft) from the current position while recording a video. Afterward, it will return to the original position.

Panorama:

Tap the  button to start capturing, and then manually control the drone to rotate horizontally. Tap the  button again to stop capturing.

Time-lapse:

Choose the desired time-lapse interval, and then tap the  button to start capturing. Tap the  button again to stop capturing.

Notes

- * Please use these functions in a spacious area to prevent any potential collisions.
- * These functions only work when the drone is flying, so activate them after hovering the drone at the desired position.
- * If any unexpected situation occurs, use the control stick to interrupt the drone's actions.

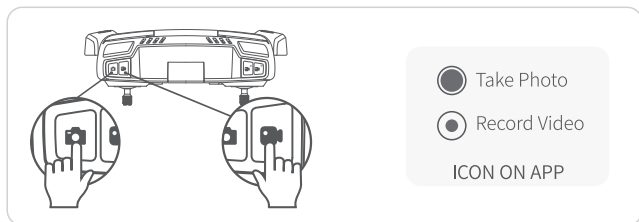
Camera

Take Photos:

Press the button  on the remote or tap  on the app to take a photo. The photo will be saved both on your mobile phone and the memory card.

Record Videos:

Press the button  on the remote or tap  on the app to start recording a video. Press the same button or tap the same icon on the app again to stop recording. The video will be saved both on your mobile phone and the memory card.



Tip:

* To adjust the camera tilt angle, press the **Camera Up** and **Camera Down** buttons on the remote. The adjustment range is from 0° to 90°.

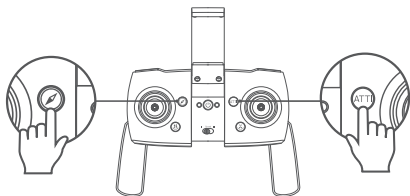
Switch Speeds / Reset Drone's WiFi Password

Switch speeds: Toggle the **Speed Switch** to select between two speed levels: slide left for slow, right for fast.

Reset WiFi password: Press and hold the **Take Photo** button for 5 seconds to clear the drone's WiFi password. You can also clear and reset the password directly in the app.

Emergency Stop

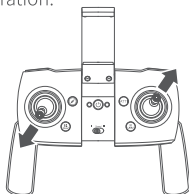
If an abnormal situation occurs, you can press and hold the  and ATTI buttons on the remote for 3s to make an emergency stop. When this function is activated, the drone's motor and propellers will stop rotating, causing it to fall from the sky and potentially pose risks of damage. Use this function with caution.



Please make an emergency stop when the drone's flight height is below 3m (9.8ft). If the drone's flight height is above 3m (9.8ft), carefully descend it to a height below 3m (9.8ft) before performing the emergency stop. After an emergency stop, if you intend to fly the drone again, please restart both the drone and the remote control.

Note

After an emergency stop, if you intend to fly the drone again, please perform gyroscope calibration.



Gyroscope
Calibration

Arm Indicator Lights

Drone Status	Arm Indicator Lights
Powering on	Alternating red, green and blue
Remote signal lost	Rapid red flashing
Searching GPS signal	Two quick green flashes in a loop
GPS mode	Solid green
Attitude mode	Solid blue
Reset	Alternating blue, red, and green
Emergency stop	Solid red
Low battery	Rapid red flashing
Critical low battery	Slow red flashing
Powered off	Off
Find your drone	Alternating blue and green
Compass calibrating	Horizontal: Alternating red and green Vertical: Alternating red and blue

Top Indicator Light

Drone Status	Top Indicator Light
Battery level $\geq 30\%$	Solid green
Battery level $< 30\%$	Solid red
Charging (battery $< 30\%$)	Slow red flashing
Charging ($30\% \leq \text{battery} \leq 99\%$)	Slow green flashing
Fully charged (100%)	Solid green

Remote Status Indicators

Remote Status	Remote Status Indicators
Powering on	Green
Powered off	Off
Connection lost	Rapid green flashing
Attitude mode	Green breathing
Low battery	Slow red flashing
Return-to-Home active	Rapid blue flashing

Specifications

Drone

Model	DR-STE53G
Weight (with battery installed)	≈ 185g
Max. Flight Time	25 minutes
Operating Temperature	0-40°C (32-104°F)
Dimensions (unfolded)	331*284*51mm (13*11.2*2 inches)
Horizontal Flight Speed (no wind)	Normal: 4m/s (13.1ft/s) Fast: 8m/s (26.2ft/s)
Max. Relative Flight Height	80m(262ft)
Max. Flight Distance	300m (1000ft)
Battery Capacity	3.7V / 3000mAh Lithium Battery
Charging Time	≈ 120 minutes (depending on the power of the charger)
Input Voltage	5V

Camera

FOV	≈90°
Photo Resolution	3840*2160 Pixels 1920*1080 Pixels
Video Resolution	1080P@30fps
Protocol Supported	802.11a/n

Remote

Max. Operating Distance	300m (1000ft)
Battery Capacity	1.5V AAA Battery x 3 (not included)
Applicable Mobile Phone Size	Up to 80 mm (3.15 inches)
Operating Temperature	0-40°C (32-104°F)

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.

ISED Warning

This device complies with Innovation, Science, and Economic Development 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'Innovation, Sciences et Développement économique 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.

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. La distance minimale du corps à utiliser le dispositif est de 20cm.

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.

SNAPTAIN SUPPORT



US support@snaptain.com

TEL (415)991-6646(Mon-Fri)



www.snaptain.com



@snaptainofficial



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