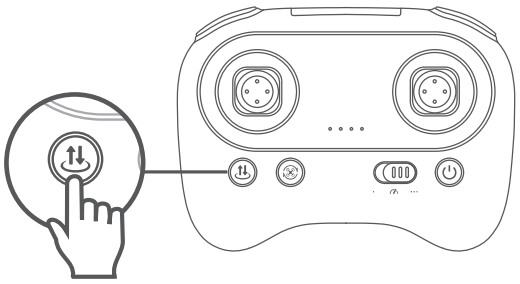
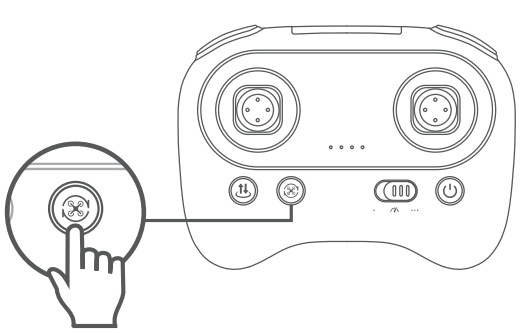
* Land: When the drone hovers in the air without any obstacles, press and hold the button for 1s to make it descend and land until the propellers stop rotating.

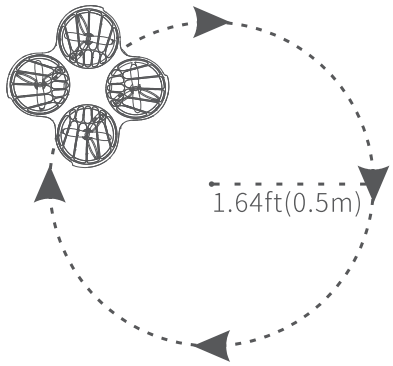


Icon on the App

Circle Fly

If there are no obstacles within a radius of 5 meters around the drone, press and hold the button for 3s on the remote to make the drone fly in a circular pattern.



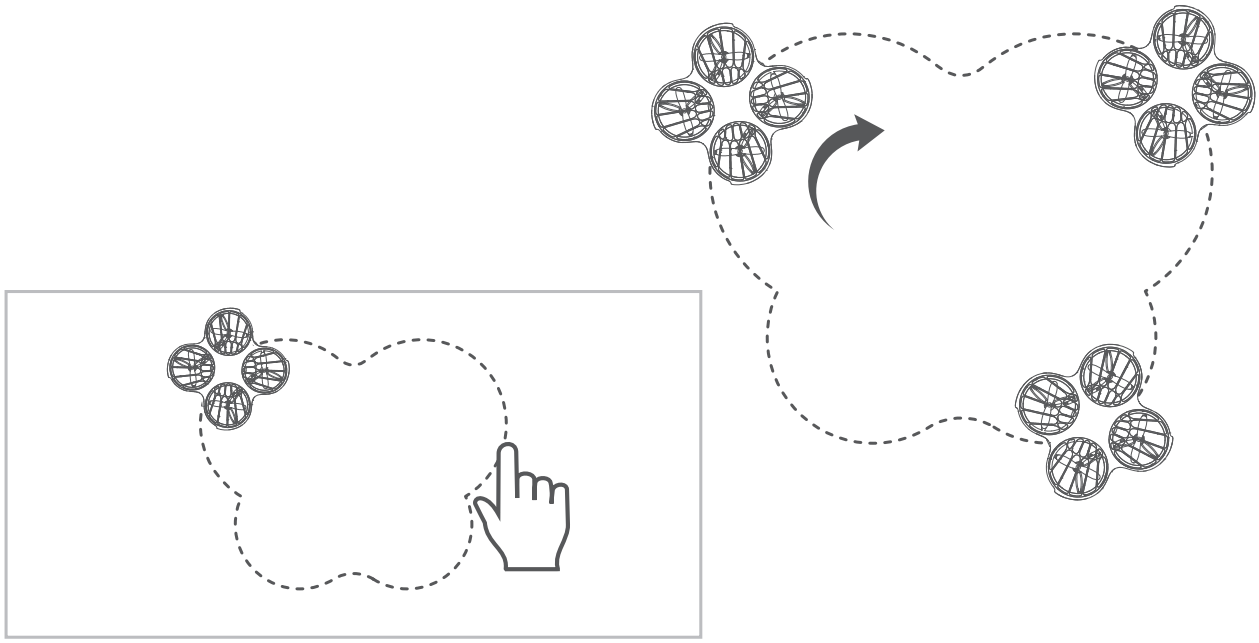


Press and hold the button for 3s again to disable this function.
To perform this function, the drone must have enough power.

Doodlefly

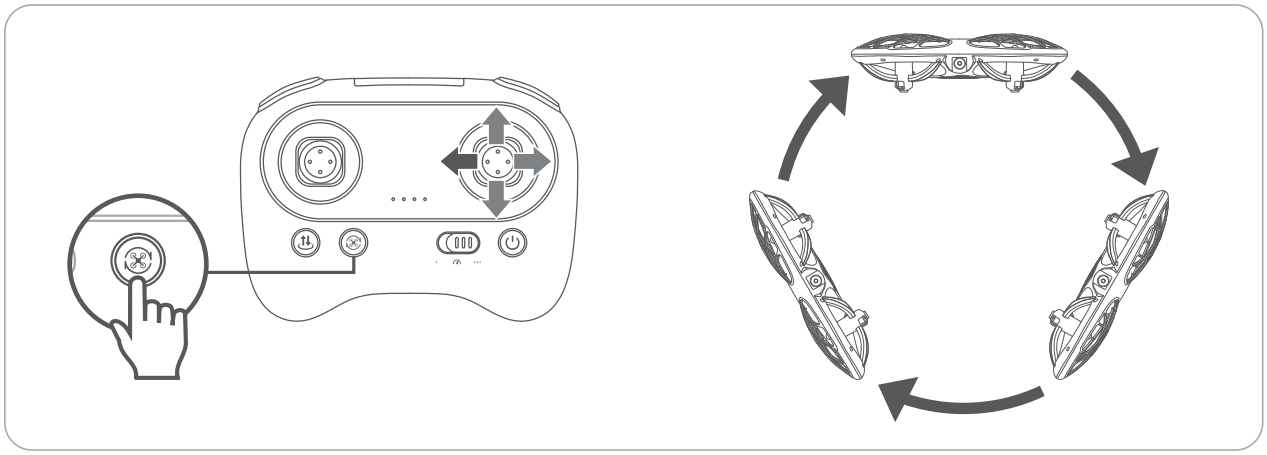
① Open the App and navigate to the main page.
② Tap on the " " (Doodlefly) icon and adjust the scale by sliding the scale bar. The default scale is set to 1:1.
③ Use your finger to draw a desired flight path on the blank area of the screen.

④ The drone will follow the trajectory path without changing its flight height, but the length of the trajectory will vary based on the selected scale.



3D Flip

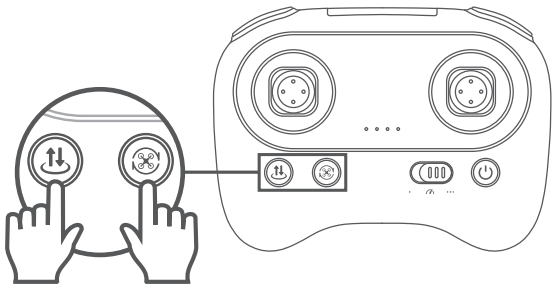
After flying the drone in an obstacle-free area, press the button to activate the 360° flip function. Once activated, use the **Right Control Stick** to perform flips. Push the stick forward, backward, leftward, or rightward to execute a 360° flip in the corresponding direction.



To perform this function, the drone must have enough power.

Emergency Stop

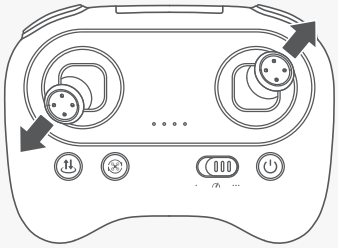
If an abnormal situation occurs, you can simultaneously press and hold the button and button on the remote for 3 seconds to make an emergency stop.



Please make an emergency stop when the drone's flight height is below 9.8ft (3m). If the drone's flight height is above 9.8ft (3m), carefully descend it to a height below 9.8ft (3m) before performing the emergency stop.

Notes

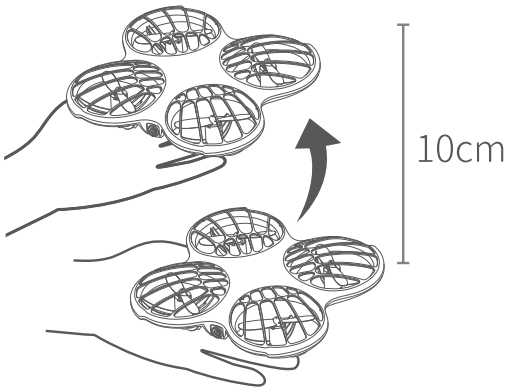
* When this function is activated, the drone's motor and propellers will stop rotating, causing it to fall from the sky and potentially pose risks of damage. Use this function with caution.
* After an emergency stop, if you intend to fly the drone again, please reset the drone.



Reset

Throw to Go

Place the drone in your palm right side up, then toss it into the air at least 10cm high. The drone will automatically hover in the air.

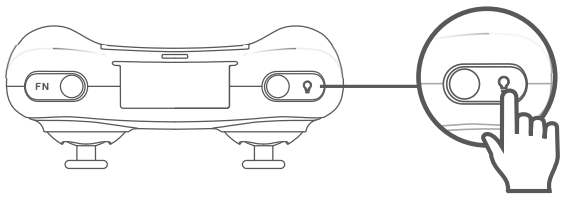


Note

If the lights on the drone flash after a failed Throw to Go, reset the drone before retrying.

Light Mode Switch

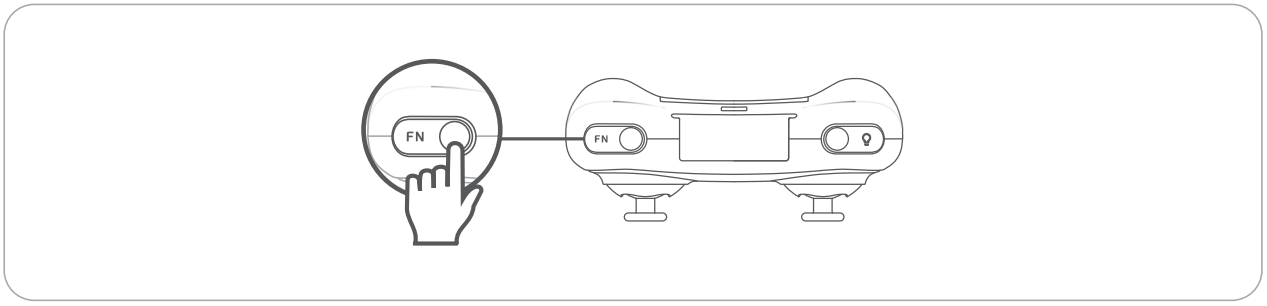
Press and hold the button to switch between 6 different light modes. To turn off the lights, simply press and hold the button.



FN (Custom Function)

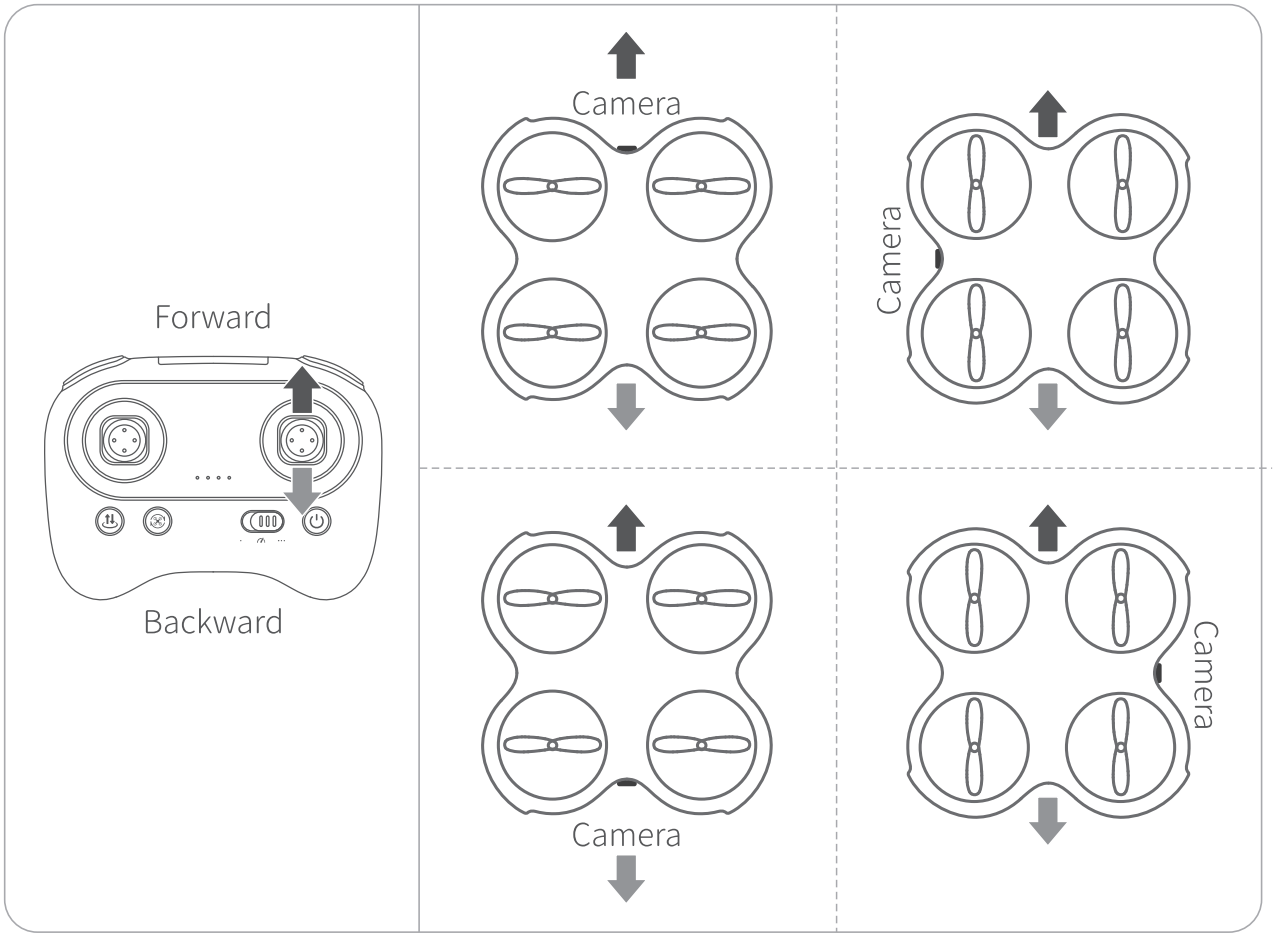
- Press the **FN** button for the first time: The drone will execute default flight actions. It is recommended to use this feature in an open area without obstacles for safety reasons.

- The drone will execute custom actions. Check the app for more details.



Headless Mode

Launch the app and tap the button to activate this function. 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.



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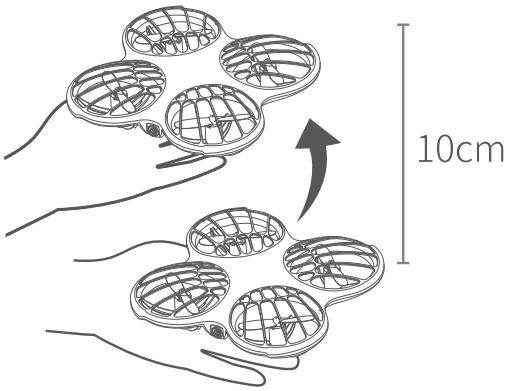

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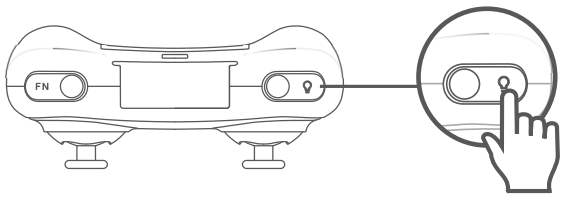

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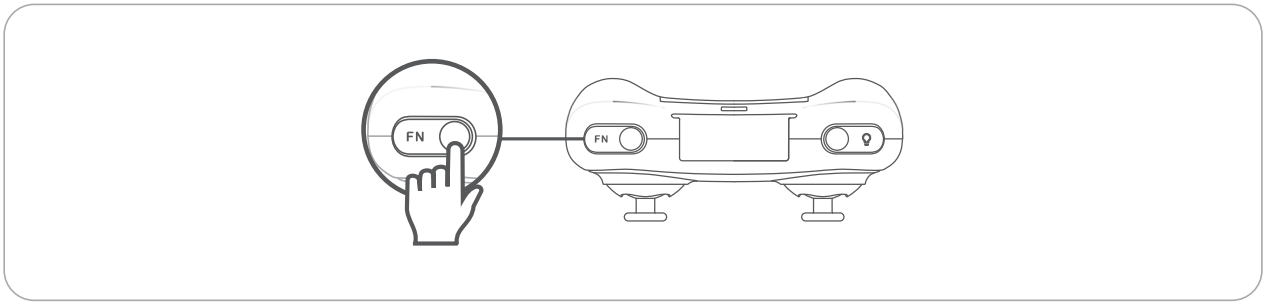

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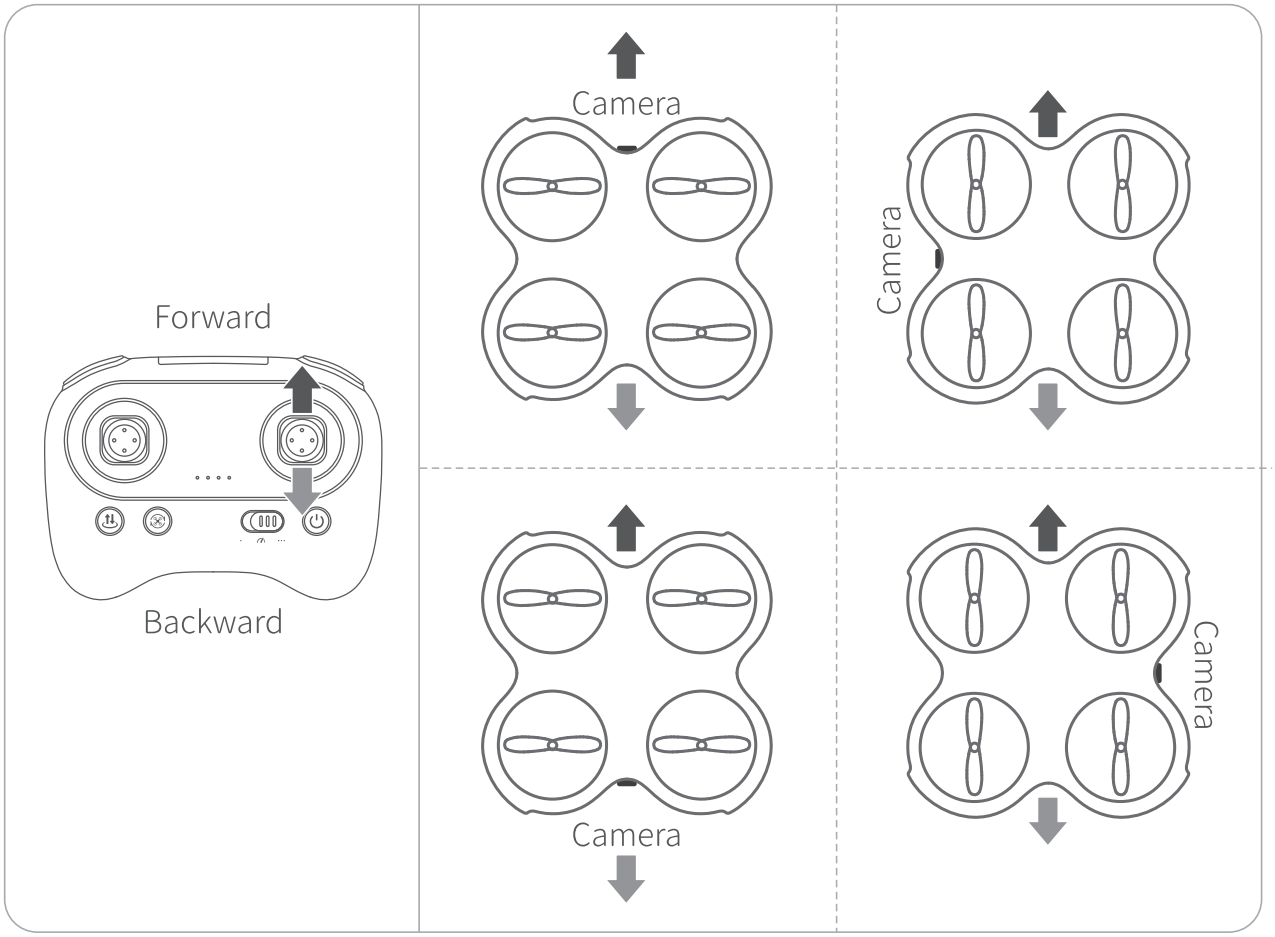
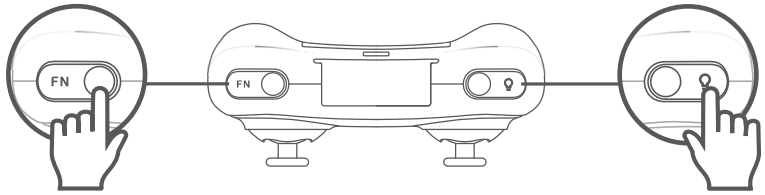


Tip:
The drone camera's orientation is its "head" position. In headless mode, the direction is defined by the drone's head orientation at takeoff. Remembering the drone's head orientation during takeoff will help you navigate accurately in headless mode.

Find Your Drone

When the drone is accidentally lost during flight, simultaneously press and hold the **FN** button and button on the remote for 3 seconds to try to locate it. In response, the drone will emit rapid beeps. To exit this state, you can either repeat the above operation or briefly press the Power button on the drone.



To perform this function, the drone must be connected to the remote and have enough power.

Notes

* While this function is activated, you won't be able to perform any other actions until you exit it.
* This function can only be activated after the drone has landed.

DRONE'S LIGHTS

Status	Lights
Powering on	Colorful lights light up sequentially
Pairing or disconnected	A yellow light spot rolls clockwise on the blue light strip
Reset	Lights form blue strip clockwise
Fail to execute commands or errors occur	Rapidly flash three times
Emergency Stop	Red and purple lights transition gradually
Low Battery	Lights flash slowly
Powering off	Colorful lights extinguish sequentially
Find Your Drone	Colorful lights cyclically flicker

BEEPS EXPLANATION

Status	Beeps
Powering on the drone	2 short beeps
Powering on the remote	1 short beep
Powering off the drone	1 short beep, then 1 long beep
Powering off the remote	2 short beeps
Low Battery	Constant 2 short beeps
Find Your Drone	Constant short beeps

SPECIFICATIONS

Drone

Model	DR-ATM11B
Weight (with battery installed)	≈70g
Max.Flight Time (without propeller guards)	9 minutes
Operating Temperature	0°C-40°C (32°F-104°F)
Dimensions	134.11*137.92*34.04 mm (5.28*5.43*1.34 inches)
Horizontal Flight Speed (no wind)	Smooth: 1.5m/s (4.92 ft/s) Swfit: 3m/s (9.84ft/s)
Max. Flight Height	15m (49.2ft)
Battery Capacity	3.7V 850mAh Lithium Battery
Charging Time	≈60 minutes (depending on the power of the charger)
Transmit Power (EIRP)	< 17 dB

Camera

FOV	≈60°
Photo Resolution	1920x1080 Pixel
Video Resolution	1920x1080 Pixel @20fps
Operating Frequency	2412MHz - 2472MHz
Protocol Supported	802.11b,g,n-HT20

Remote

Operating Frequency	2420- 2460GHz
Max.Operating Distance	50m (164ft)
Battery Capacity	1.5V AAA Battery x 3 (not included)
Battery Life	≈1.5 hours
Applicable Mobile Phone Size	Up to 90mm (3.54 inches)
Operating Temperature	0°C-40°C (32°F-104°F)
Transmit Power (EIRP)	< 10 dB

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 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.
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.

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://ametasmart.com/pages/eu-declaration-of-conformity

AMETA SUPPORT

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