ACTIVATE YOUR 12-MONTH WARRANTY & GET AN EXCLUSIVE GIFT

Register within 7 days after receiving your new product.

Make sure you do this NOW to ensure your purchase is 100% covered.

All we need is your name, email and purchase details... that's it!

It literally takes only 2 minutes.

Please scan QR-code to start chatting (Instant reply):

http://www.drocon.co/warranty
A Big Thank You

We’re thrilled that you have chosen to purchase the DROCON DC-08. At DROCON, we’re committed to providing you with products that enhance your daily life. We also aim to give our customers excellent support. Should you have any questions or feedback about your new product, simply get in touch with our customer support team at 1-855-557-8886, or by email at support@drocon.co

Enjoy your new product!
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PACKAGE CONTENTS

- Drone X1
- Controller X1
- Battery X1
- Charger X1
- USB Cable X1
- Propellers X4
- Screwdriver X8
- Extra Blade X4
- Spare Cable X1
- Flight Stick X1

CHARGING

LED Indicator Charging Status
1. Connect the USB cable to a computer or USB adapter; the LED light will flash.
2. Connect the battery to the USB cable. The LED will not light up while charging. When charging is complete, the red LED will light up.
INSTALLATION

(1) INSTALLING THE BLADES

Lock: The direction to install the blades.

Unlock: The direction to remove the blades.

Please follow the steps as per the image on the left to install the blades. Press the blade cap, and rotate towards the LOCK direction mark on the blade to lock it.

Disassembling
Press the blade cap, and rotate toward the UNLOCK direction mark on the blade to unlock it.
(2) STAND INSTALLATION

1. Insert the stand into the specified position.
2. Press the stand, and pull back to remove it.

(3) BLADE FRAME INSTALLATION

1. Insert the frames into the specified position.
2. Press the frame buckle, and pull back to remove it.

(4) CAMERA INSTALLATION

1. Insert the camera into specified position.
2. Press the battery buckle button, and pull the camera back to remove it.
3. Install the SD card into the slot.

Remark: The camera should be facing the power switch.
(5) BATTERY INSTALLATION

1. Insert the battery into the specified position.
2. Press the battery buckle button, and pull back to remove it.

(6) MOBILE DEVICE HOLDER INSTALLATION

1. Insert the mobile device holder into the specified position.
2. Press the mobile device holder and pull back to remove it.
CONTROLLER

(1) Antenna
(2) Left control stick
(3) Right control stick
(4) Power button
(5) GPS mode switch
(6) One-key follow mode
(7) Gimbal up/down control
(8) Surround flight mode
(9) Mobile device holder
(10) One-key return
(11) Take photos/videos
(12) Battery case

DOWNLOAD THE APP

Download the "DROCON GO" application for free from the Apple Store or Google Play Store
PREPARING TO FLY

(1) POWERING UP

Switch on the drone  Switch on the controller

ATTENTION: Please finish the above 2 steps within 10 seconds of each other!

(2) GYROSCOPE CALIBRATION

Place the aircraft on flat ground, push both control sticks to the lower right corner at the same time for about 5 seconds. If the controller makes a ‘Dee’ sound, that means the calibration is complete.

(3) CONNECTING TO THE APP

Connect your device to Wi-Fi, then open the app. You will see the real-time image of the camera displayed if the drone has successfully connected to the controller.
(4) COMPASS CALIBRATION

1. Push both the left and right control sticks to the lower left corner at the same time for 3 seconds, then perform compass calibration.

2. Hold the drone horizontally and slowly rotate it 360 degrees clockwise, until you hear a “dee” sound from the controller.

3. Hold the drone vertically, with its head pointing downward, and slowly rotate it 360 degrees clockwise, around a vertical axis, until you once again hear a “dee” sound from the controller. The compass calibration is now complete.

(5) SEARCHING FOR GPS SIGNALS

Place your drone in an open space in order to search for GPS signals. The interface will show When it has found a GPS signal. (It may take 1 minute to search for GPS signals, so please wait patiently.)

(6) UNLOCKING THE DRONE FOR TAKE-OFF

After the gyroscope and compass calibration is successfully complete, push the left control stick to the lower right corner and the right stick to the lower left corner at the same time, and hold them there to unlock the drone. After it is unlocked, release the sticks immediately to prepare for take-off. (The default setting is GPS mode.) Long-press the “One-key Take-off” button or push up the left throttle stick to take-off.
USING THE CONTROLLER

LEFT STICK

Up/Down

Right STICK

Forwards/Backwards

Push the stick to change speed setting, one "Dee" sound means it is on the speed setting one. Two "Dee" sounds mean it is on speed setting two.

Turn left/Turn right

Left forward/Right forward
DRONE FUNCTIONS

ONE-KEY RETURN
Take-off Point for Return Flight
While the drone is in flight under GPS mode, a short press of the "One-key return" button (H) will make a short sound, and the drone will perform the one-key return function, thus flying back and landing at the take-off point via GPS signals; if the drone has no GPS signal at the take-off point, the aircraft will land at the location where it first located a GPS signal on its route. (If you need to cancel the drone's return after having activated it, another short press on the "One-key return" button (H) will immediately cancel the return.)

When the altitude of the drone is higher than 5 meters, the aircraft will maintain its existing altitude, returning automatically to the place of the landing point and then descending vertically to the ground.

When the altitude of the drone is less than 5 meters, the drone will climb up to 5 meters vertically, before returning to the place of the landing point and then descending vertically to the ground.
TAKING PHOTOS AND VIDEOS
Short-press the Photo/Video button once to take photos; long-press for 2 seconds to record videos. Long-press again to stop recording video. Note: Please open the related app on your mobile device before using this function. All photos/videos taken can be reviewed from the review file within the app.

GIMBAL UP/DOWN CONTROL
Switch this button to control the up/down movement of the gimbal.
SURROUND FLIGHT

When the drone is in flight, press the "One-key surround" button and the drone will record its current position as a center point and fly around it. (Note: Before performing this function, please make sure there is no obstacle within a 10-meter horizontal range around the drone. If there is, adjust the altitude of the drone to avoid collision. Give a short push on the "One-key surround" button to cancel the surround flight action.)
GPS MODE/REGULAR MODE
Slide the Mode switch to the right to enter GPS mode; slide the Mode switch to the left to enter regular mode. When the rear indicator light of the drone flashes green, it indicates that a GPS signal is available to support take-off in either GPS mode or regular mode; when the front blue lights and rear green lights keep solid, it means that there is no GPS signal and that only regular mode is available for take-off.

ONE-KEY FOLLOW MODE (AVAILABLE FOR WI-FI VERSION ONLY)
This feature has to be synchronized in use with a smart device equipped with GPS positioning. The GPS positioning of the smart device needs to be turned on before using it. During flight of the drone, click the "One-key follow" button and the aircraft will automatically follow the movement of the mobile device. (To cancel this mode, give a short press on the "One-key follow" button.)
SMART LOW-BATTERY RETURN

A. Drone low-battery auto-return

During flight, when the drone battery is low, the controller will give out an alarm sound. In order to prevent the drone crashing due to loss of power, the drone will automatically enter Return mode. It is highly recommended to NOT cancel the return of the drone in this circumstance, in order to avoid any danger/damage due to loss of power. (First alarm: If the alarm sounds when the aircraft is more than 20 meters away or 20 meters higher from the take-off position, the aircraft will automatically return to within this range. Second alarm: The aircraft will automatically return to the take-off position.)

B. Controller low-battery auto-return.

During flight, when the controller battery is low or the drone loses the connection signal, the drone will automatically return to the starting point.
DRONE STATUS INDICATOR LIGHTS

Power on status: Flashing.

Pairing completed status: Front blue lights remain solid, rear green flash (flashing twice in 1.8 seconds).

GPS ON Status: Front lights solid blue, rear lights solid green.

GPS OFF Status: Front lights solid blue, rear lights solid yellow. When the drone loses the connection signal with the controller: Front lights solid blue, rear lights flashing green.
FLIGHT SAFETY

Fly in Open Areas + Strong GPS Signal + Maintain Line of Sight + Fly Below 400 feet (120 m)

Avoid flying over or near obstacles, crowds, high-voltage power lines, trees or bodies of water. DO NOT fly near strong electromagnetic sources such as power lines and power stations as it may affect the onboard compass.

DO NOT use the aircraft in adverse weather conditions such as rain, snow, fog and wind speeds exceeding 10m/s or 22mph.

Stay away from rotating propellers and motors.
END OF FLIGHT

When flight is complete, power-off the controller.

Long-press the power button for 2 seconds to turn off the drone, and make a habit of removing the battery from the drone to avoid any damage.
AIRCRAFT PARAMETERS

Length of main body: 230mm
Drone dimensions: 30x30x17.5cm
Total weight: 780g
Battery: 7.4V 2700mAh
Charging time: 3-4.5 hours
Flight time: 12-15 mins
Gyroscope: Built-in
Working temperature: -10°C to 40°C
Remoter controller: 2.4GHz

CAMERA PARAMETERS

SD card: Supports up to 16GB (Not included)
Camera lens: 120° wide-angle 1080p
(distortion-free lens)

CONTROLLER PARAMETERS

Effective signal range: 500m/120m
Working frequency: 2.4GHz
Power supply: 3 x AA batteries

TRANSMISSION PARAMETERS

DC-08 Factory Standard: 150m/ 2.4G
DC-08 PRO (120° 720P Camera): 400m/ 5G
DC-08 (120° 1080P Camera): 500m/ 5G
(No Interference Signal Environment)
USE INSTRUCTIONS

Please carefully read this manual and operate the product as instructed.

1. Prior to flying your drone, please learn and follow the local laws and regulations relating to the flying of drones.

2. Check that all the drone parts are in good condition. Do not fly the drone if any part is found damaged or incomplete.

3. Follow the instructions to install the propeller blades and make sure they are correctly and securely attached so as to avoid fall-off in flight and subsequent crash and/or damage to the drone.

4. Make sure that the batteries of the controller and drone are fully charged before each flight.

5. It is suggested to operate the flight in a wide and open space with few buildings in the surroundings so as to avoid radio jam or intervention from communication stations, Wi-Fi signals, high-voltage power lines, and so on.

6. Be sure to power on the drone before turning on the controller.

7. When preparing to fly, make sure nobody is with a radius of 10 meters of the take-off/landing area, and keep the drone away from obstacles such as, crowds, high-voltage power lines, trees, water, and hard surface etc.)

8. Before taking off, please calibrate the compass; it is suggested to take-off in GPS mode (switch to GPS mode and the rear light of the aircraft will flash green). Upon taking off, the location where the GPS signal is initiated will be saved as the default take-off point; the return mode will navigate the aircraft to land at this default point.

9. Do not operate the drone in bad weather, such as gusty winds (over force 3), snow, rain, fog, and other such weather.
10. Do not operate the flight in no-fly zones (such as airports and crowded areas) restricted by laws.

11. Do not operate the drone if your thought process is impaired, such as when under the influence alcohol etc.

12. Please keep the aircraft and all its parts out of the reach of children. In the case of children swallowing any parts by accident, they should be seek immediate medical attention.

13. Please remove the battery and place it in a dry, moisture-proof environment with no electromagnetic interference.

14. Please do not disassemble, re-group, or modify the aircraft.

Please carefully read this manual and operate the product as instructed. The manufacturer will not be responsible for any undesired consequences arising from the mis-operation of the drone.
SAFETY AND PRECAUTIONS

Remote-control quadcopters and drones can be dangerous. Their flight must be operated away from the crowds. Such factors as improper assembly or mechanical damage, poor control of electronic equipment, as well as the unfamiliar manipulation may lead to unexpected accidents, such as uncontrolled flight and drone damage. Users are advised to pay attention to the flight safety and understand that they are held responsible for any accident caused by negligence.

FOR INDOOR AND OUTDOOR USE
KEEP AWAY FROM BARRIERS AND OBSTACLES

This product is a remote-control drone suitable for use outdoor environments (outdoor wind should not exceed force 3). To fly the drone, please choose appropriate obstacle-free sites with proper distance kept from the crowds or pet animals. Please don’t operate the drone in any unsafe environments, such as places of with high heat, wires, power cables etc., so as to prevent the drone from the risks of fire and electric shock resulting from collision, ditching, and entangling of the drone.

SAFE USAGE OF THE LITHIUM BATTERY

Lithium batteries can be dangerous and require certain care. Be sure to read carefully and follow the following precautions before using it. The manufacturer will not be held responsible for any damage caused by any improper use of the battery. To avoid danger of explosion or fire, it is forbidden to use chargers other than the one supplied with this product. Such actions done to the battery as impacting, dismantling, reverse connection of the positive and negative terminals, and burning are forbidden. Avoid metal objects from contacting the poles of the battery, which may cause it to short-circuit. Prevent sharp items from piercing the battery to avoid the risk of battery fire. Please be careful when charging the battery. Make sure that the battery is charging within your sight. Keep it out of the reach of young children so as to avoid dangers. Don't charge the battery when it is heated after use in the drone, otherwise, it may cause the battery to expand, change state, explode or even catch fire, threatening the safety of lives and damage to property. To dispose of the battery, please recycle the battery in strict compliance with the waste disposal laws and regulations of the country and/or region where it used, in order not to pollute the environment.
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<th>![Forbidden]</th>
<th>KEEP AWAY FROM MOIST ENVIRONMENTS</th>
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<td>The internal parts of the drone are composed of many sophisticated electronic components, so it must be kept away from moisture or water vapor. Do not operate the drone in wet environments or on rainy days; otherwise water vapor may get inside of the drone and cause mechanical parts and electronic components to malfunction leading to unexpected accidents.</td>
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<th>NEVER MISUSE THE PRODUCT</th>
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<td>Please do not disassemble or modify the product. For any upgrade, repair or maintenance, please use the parts specified in the manufacturer's catalog to ensure the safety of the structure. Please make sure the product is used within the limits of operation. Don't overload the product, and don't use it in any illegal ways other than prescribed by local laws and regulations.</td>
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<th>![Caution]</th>
<th>KEEP AWAY FROM SOURCE OF HEAT</th>
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<td>The drone is mostly made of PA fiber and polyethylene, as well as other materials used for the electronic components. Therefore, it must be kept away from sources of heat and exposure to sunlight so as to avoid possible damage, deformation or even melting due to high temperatures.</td>
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</table>
WARNING NEVER OPERATE THE DRONE ALONE

This product is suitable for users over 14 years old. Since the remote-control drone may pose a certain degree of difficulty for new users, it is recommended for it to be operated under the guidance of experienced users for the sake of flight safety.
ACTIVATE YOUR 12-MONTH WARRANTY & GET AN EXCLUSIVE GIFT

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or

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