CyberDrone X2

Brushless Motor Remote Controlled Drone With 1080P Camera

QuickGuide

English

www.adesso.com

LIMITED WARRANTY

Adesso® provides a one year limited warranty for all of its products against defects in materials and workmanship.

During this period, Adesso® will repair or replace any product which proves to be defective. However, Adesso® will not warrant any product which has been subject to improper handling, abuse, negligence, improper installation or unauthorized repair. The warranty will not cover products installed with components not approved by Adesso® and products where the sealed assembly trace has been broken. If you discover a defect, Adesso® will, at its option, repair or replace the product free of charge, provided you return it during the warranty period with freight charges pre-paid to Adesso®. Before returning any product, you must obtain a Return Merchandise Authorization number (RMA). This RMA # must be clearly marked on the outside of the package you are returning for warranty service. Be certain to also include your name, shipping address (no PO Boxes), telephone number, and a copy of the invoice showing proof of purchase in the package.

SUPPORT

FAQ's http://www.adesso.com/faqs

Email Support: support@adesso.com

Telephone Support:

Toll Free: (800) 795-6788

9:00AM to 5:00PM PST Monday - Friday

Introduction

The CyberDrone X2 is a lightweight and portable drone equipped with a 1080P FPV camera and a gimbal for stable, high-quality video and photo capture. It offers dual control options via a 2.4GHz remote controller or a mobile app, giving users flexible ways to pilot the drone. With a 80-meter control range, it provides a reliable and responsive flying experience, making it ideal for capturing aerial footage or enjoying scenic flights.

Specifications

Playing Time:	15 Minutes
Battery For Drone:	3.7V 1600mAh
Battery For Remote:	x3 1.5V AAA (not included)
Charging Time:	120 Minutes
Control Distance:	80m
View Angle:	70°
Max Speed:	6M/S
Sensor Resolution:	720P
Interpolated Resolution:	1080P
FPS:	25 FPS @ 720, 25 FPS @ 1080P
Function:	Altitude hold, one key take off/landing, app control, one key return, 3D flip, Camera control
Dimensions:	11.6 x 9.6 x 2.5" (294x243x165mm)
Weight:	0.19 lbs

Requirements

- Must have an open area to operate the drone
- 3 AAA Batteries for the remote

Safety Precaution

NOTICE: This drone is a sophisticated consumer device and should be operated with care and responsibility. Please ensure that you read and follow all instructions prior to use. Disassembly of the product is not recommended, as it may result in personal injury, damage to the device and void the warranty. The manufacturer assumes no liability for damages or malfunctions caused by improper use.

IMPORTANT SAFETY GUIDELINES

FLY RESPONSIBLY:

Always fly in a safe, open area away from people, pets, and buildings.

Avoid flying over crowds or busy areas—accidents can happen due to unexpected errors or interference.

What to Avoid:

Restricted Areas: Do not fly the drone in restricted zones such as near airports, military installations, government facilities, or other no-fly zones as designated by local regulations. CHECK YOUR MINUCIPAL GOVERNMENT WEBSITE FOR DRONE USE GUIDELINES IN YOUR AREA.

Sensitive Environments: Avoid flying in wildlife reserves, near hospitals, or over private properties without permission, as this could disturb wildlife, violate privacy, or breach local laws.

High-Interference Areas: Refrain from operating the drone in areas with heavy electromagnetic interference, such as near radio towers or large power stations, to maintain stable control and signal integrity.

FOR BEGINNERS:

- Operate the drone only in calm weather conditions, such as light breezes, to ensure stable and predictable performance.
- If you are new to flying drones, seek guidance from an experienced pilot during your initial flights to ensure proper handling and safety.
- This product is recommended for users aged 14 and above.

HELPFUL TIPS

Keep the Batteries Charged:

Make sure this drone and its controller are fully charged before flying to get the maximum experience and performance.

Check for Damage: If the drone exhibits signs of damage or malfunctions during operation, immediately cease use and arrange for it to be inspected and if necessary, repaired before attempting to fly again. Prioritizing safety is of utmost importance.

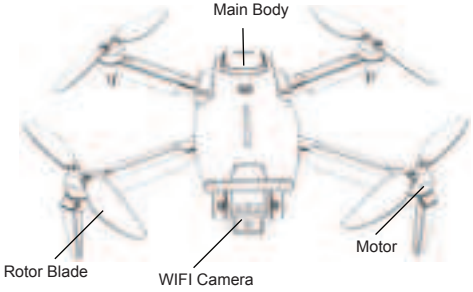
Remove Batteries When Not in Use:

if the controller will not be in use for an extended period, remove the batteries prior to storage to prevent potential battery leakage or damage.

Handle with Care:Handle the controller with care—avoid dropping it or subjecting it to impacts, as such actions may compromise its functionality and shorten its lifespan.

Protect Your Eyes: Avoid staring directly into the drone's LED lights for prolonged periods, as this may cause eye strain or discomfort.

Drone Description

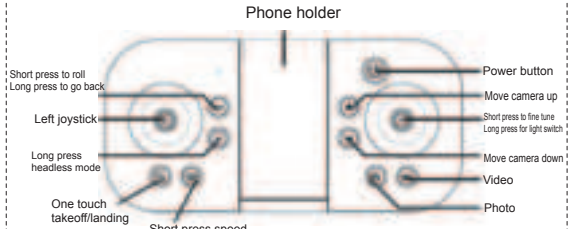


Rotor Blade Replacement

1.The rotor blade being replaced must be installed in its corresponding position on the drone. Blade A must be placed in position A, and Blade B must be placed in position B. Installing a blade in the incorrect position will result in operational failure or loss of control.

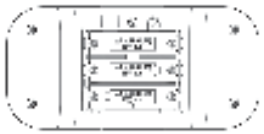
2. the rotor blades rotate clockwise during flight, Blade B must rotate counterclockwise.

Remote Control Description



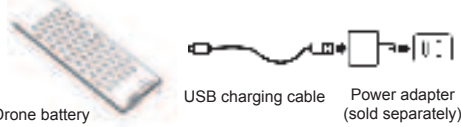
Remote Control Assembly

1.Open the battery cover and install three AAA batteries according to the polarity orientation of the battery sockets. (batteries are sold seperately and is recommended to not mix new and old batteries or different types).



Charging The Drone Battery

Remove the battery from the drone, and connect the USB charging cable to the battery and plug in the other end of the USB charging cable into a power adapter or USB port to charge



Before You Fly

STEP 1

Set Up the Drone: Place the drone on a flat, level surface and ensure the propellers are securely attached and tightened.

STEP 2

Turn On the Drone: Switch on the drone's power.

STEP 3

Turn On the Controller: Turn on the remote controller. Push the throttle stick (right stick) up and then back down to pair the drone with the controller.

TAKEOFF (Method 1)

1. Prepare for Takeoff: Place the drone on a flat surface.
2. Calibrate the Drone: Move both joysticks inward and downward at the same time for 2-3 seconds. The drone's indicator light will flash quickly, then turn steady when calibration is complete.
3. Perform Manual Takeoff: Push the throttle stick (left stick) upward slowly to lift the drone off the ground.

TAKEOFF (Method 2)

Prepare for Takeoff: Place the drone on a flat surface.

1. Calibrate the Drone: Move both joysticks inward and downward for 2-3 seconds until the indicator light becomes steady.
2. Automatic Takeoff: Press the one-touch takeoff/landing button on the controller to lift the drone into the air automatically.

LANDING (Method 1: Manual)

1. Slowly pull the throttle stick (left stick) down until the drone descends and touches the ground.
2. Keep the throttle stick in the lowest position for 2 seconds to turn off the motors and complete the landing.

Landing Method 2 (Automatic Landing):

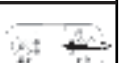
1. Press the one-touch takeoff / landing button on the controller to land the drone gently and automatically.

Landing Method 3 (Emergency Landing):

1. In the case of an obstacle or emergency, press the emergency stop button on the controller to make the drone land immediately.

Note: Only use the emergency stop function in critical situations, as it may cause the drone to drop suddenly.

Operation Methods

1.	Rise & Fall	When the left joystick is pushed up or down, the drone will rise or fall accordingly	
2.	Turn	When the left joystick is pushed to the left or right, the drone will turn accordingly	
3.	Forward, Backward	When the right joystick is pushed up or down, the drone will advance or retreat accordingly	
4.	Fly Left & Right	When the right joystick is pushed to the left or right, the drone will advance to the corresponding direction	
5.	Side Flying Fine Turning	Press the right joystick down and push the joystick to the left or right to fine tune	
6.	Forward & Backward Trimming	When the drone is moving forward and backwards in the air, press the right joystick down and push the joystick up or down to fine tune	
7.	Headless Mode	Press and hold the headless mode button to enter headless mode and press and hold for 2 seconds to exit	
8.	Reset	Push the two joysticks in the direction shown in the figure for 3 seconds, the drone indicator LED will start flashing, after the LED is solid, the reset is succesful	

FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.