# **GPS VIDEO HOVER DRONE**

**Getting to Know Your Drone** PLEASE READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO USE. KEEP THIS DOCUMENT AS IT CONTAINS IMPORTANT INFORMATION ABOUT YOUR DRONE.

**FEATURES:**  12 multi-colored LEDs for night flying Auto take-off into auto hover

 Auto orientation for easy to control flight Auto landing 700 ft flight range

 2 flight speeds 720p live HD streaming video to our dedicated app via standard Wi-Fi protocol Records video and takes photos directly to your smart device Full GPS enabled functionality

 Auto hover •Return to Home – Pressing the home button will bring the drone back to the take-off location and enter into auto landing. · In the event of low battery or loss of signal, drone will also return to home and auto land.

 Auto Orbit – Pressing the orbit button puts the drone into a slow orbit around a user selected point on the map at a user defined altitude and radius. Follow Me – Drone will follow the GPS position of the smart device at a user defined

**GPS VIDEO HOVER DRONE** 

 Points of Interest – Drone will fly on a prescribed flight path of position and altitude, decided upon by the user and fixed by GPS.

STOP DO NOT RETURN TO STORE Questions? Concerns?

We're available to help! Instructional videos, troubleshooting, and support are available at: www.dxdronecenter.com (800) 374-2744 Before calling please locate the 10-digit code printed on your drone.

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**GPS Video Drone** 

**Drone Controller** 

Charge Cable

777777777

777777777

20 piece screws for blades

(14pcs for blade guard and

6pcs for standing holder)

REMOTE OVERVIEW

Power Indicator Light

Align (Page 8)

Throttle Joystick

Auto Landing (Page 8)

**INSTALLING PHONE HOLDER** 

Insert antena through hole at the base of the

Smart Phone Mount.

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Increases or

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**Smart Phone** 

Mount

**Propellers** 

Small

Screwdriver

**GPS VIDEO HOVER DRONE** 

TRANSMITTER MODEL REMOTE CONTROL

HEADLESS MODE

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CONTENTS

ADULT ASSEMBLY, CHARGING, AND BATTERY INSTALLATION IS REQUIRED. ADULT SUPERVISION IS REQUIRED. CHOKING HAZARD - Small Parts.

KEEP THIS INSTRUCTION MANUAL AS IT CONTAINS IMPORTANT INFORMATION FOR FUTURE REFERENCE.

Not for Children under 3 years.

Due to continuous product improvements, the picture on the manual may differ slightly from the actual product. PATENT PENDING

REMOTE BATTERY INFORMATION

2. Install 4 "AA" batteries as shown in the

Replace and close battery compartment.

diagram above.

or moisture.

charging.

1. Slide open the remote's battery compartment.

⚠ LITHIUM-POLYMER BATTERY WARNING

There is a risk of fire and personal injury if Li-Po

Never expose battery to extreme temperatures

battery is punctured, damaged or misused.

Do not subject battery to strong impacts

Always keep battery away from flammable

Only use manufacturer specified batter(ies),

Let battery cool to room temperature before

While charging, never leave battery unattended.

Recycle or dispose of battery according to federal,

KEEP THIS INSTRUCTION MANUAL FOR REFERENCE

**BATTERY WARNING - ALKALINE (AA)** 

· Insert batteries using the correct polarity. Do not short-circuit the supply terminal.

· Always use, replace, and recharge (if applicable) batteries under adult supervision.

Speed Control

**Directional Control** 

On/Off Switch

Home Lock Off

Home Lock On

Carefully slide phone into Mount by pulling up

on top of Mount. Adjust angle accordingly.

· Only use manufacturer specified batter(ies), charger(s), and/or adapters, if

· Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.

charger(s), and/or adapters, if applicable.

Battery is not serviceable.

state and local laws.

applicable, specified by the manufacturer.

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## **GPS VIDEO HOVER DRONE**

### INTRODUCTION

Congratulations on your purchase of the Rechargeable GPS Video Hover Drone. Get ready to soar to new heights. Master the art of drone flying with remote control maneuverability. This lightweight drone will provide hours of fun.

### **SPECIFICATIONS**

Drone Battery: 7.4V, 2600 mAh Li-po Remote Controller Battery: 4 x 1.5V "AA" Charging Time: 3 - 4 hours Maximum Recommended Altitude: 115 ft. Weight: 1.6 lbs.(This item needs to be registered with the FAA, please visit www.FAA.gov)

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**GPS VIDEO HOVER DRONE** 

### CHARGING BATTERY

Connect the adapter to the Battery Gateway. Plug the adapter into wall electrical socket. Connect the battery to the Battery Gateway

Note: The Battery Charger will light up green when it is charging the battery and begin to blink when the battery is fully charged. Charge time is approximately 3 to 4 hours.

DO NOTE LEAVE BATTERY UNATTENDED WHILE IT IS CHARGING

### Drone Assembly

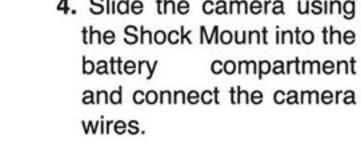














the blade guards into the drone and secure using screws.

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# **GPS VIDEO HOVER DRONE**

### **OPERATING DRONE** Step 1 – Pre-Flight Checklist

- Charge batteries, page 3. Assemble Drone, page 3.

# Step 2 – Choosing a location

- Step 3 Calibration follow the below steps:
- 2) Push the left control stick to bottom left and right stick to top right.
- 3) Then, rotate the drone with the landing legs facing down for 3 or 5 circles (clockwise).
- clockwise (drone camera facing down, SI logo is front of drone; GPS is rear).
- on the ground. GPSCAM. When the drone LEDS stop blinking,
- that means GPSCAM is complete. Now, we will calibrate the gyroscope
- b. The drone LEDs will blink fast for 2s and then stop blinking. This means calibration is successful
- automatically and needs unlock again.

# **↑** 5 FEET

Step 4 – Lift-Off

into the air.

the drone

its auto hover function.

Step 5 – Operating Drone in Flight

The drones range is approximately 100 feet

 Read all warnings and instructions Install remote batteries, page 2

Make sure that drone and remote are powered off.

- Drone is designed to be flown outdoors Always make sure you have enough space to fly
- Always follow warnings, page 1
- Now, the drone needs to be calibrated. Please 1) Turn on the drone, and the LEDs blink quickly. Then turn on the remote controller to pair.
- a. The drone LEDs will blink fast, then release the control sticks.
- 4) Then vertical rotate the drone for 3 or 5 circles
- a. The drone LEDs will blink slowly. This means the calibration was successful. Place the drone 5) After finish the above step, the drone will start
- a. Push the left control stick to top left and right stick to bottom right, and hold on for 5 seconds
- 7) Now, we will unlock the drone. a. Push both control sticks inward at a diagonal,
- and the blades will spin. b. Press the take-off button on the remote within
- 3s otherwise the drone will be locked

Step 6 – Landing Drone 1. Press the Auto Land Button. The drone will slowly begin to land. If the drone begins to drift, the Multi Directional Button.

forwards, backwards, and side to side

remote and battery is low

Review step 5 if your drone begins to drift

you can still control the drone's direction using 2. Slowly and carefully press the Throttle Joystick down until drone lands. If the drone begins to

Slowly and carefully press the Throttle Joystick

up. Drone will begin to elevate. You can

compensate for some of the drones drifting by

using the Multi Directional Button or by following

step 5. You may need to practice this step

several times before successfully getting drone

2. You can let go of the throttle once you get to

your desired elevation. The drone will engage

Read and be aware of all warnings found on

· Maintain your desired elevation by using the

Use the Throttle joystick in a circle motion to spin

Use the Multi Directional Joystick to move

Drone will begin to blink when drone is paired to

drift, you can still control the drone's direction using the Multi Directional Button. Note: Home Lock button on app brings drone

back to home location and then auto land.

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**GPS VIDEO HOVER DRONE** 

**GPS VIDEO HOVER DRONE** 

Not recommended for children under 14 years of age. As with all electrical products, precautions should be observed during handling and use to reduce the risk of electrical shock.
Adult supervision is required at all times

· Never fly drones above or near people, sudden changes in wind or other conditions could lead to

· Always use caution when flying drone vehicles, obey relevant laws, respect the privacy and property

The drone shall never be modified or used for anything except its intended purpose.
Before each use, an adult should review the product and battery to determine that no damage or hazards

Do not allow anything to intentionally make contact in any way with spinning propellers
Prevent contact with spinning blades by turning off remote prior to handling drone
Use caution and pay attention to your surroundings while operating drone
Do not fly drone into animals, people, or inanimate objects
Keep drone away from power lines, buildings, trees, public areas, and any other potentially hazardous

TROUBLESHOOTING:

remote is beeping:

drone to power source.

Replace with new batteries

2) Turn off the drone and remote.

After impact, the drone is unstable:

controller and pair again.

exceed 4 meters.

connected to the drone (diagram to right).

Remote Controller and Drone can not be paired:

When remote switch is turned on, the remote light does not illuminate:

When the remote is switched on, the remote LED is flashing and

1) Drone Li-Po needs charging. Use charging cable to connect the

After trimming the drone, the drone flight is very unstable and cannot

3) Replace with the proper number replacement blade and try flying

1) Put the left remote control lever to the left bottom and put the right

remote control lever to the right bottom at the same time which

2) If the above does not resolve the issue, reboot the drone and

1) Check Point: Remote Controller must be closed to Drone, not

Note: If there are 2 sets of Drones within 4 meters for Pairing, you

must pair one successfully before pairing the second set.

1) Check that batteries in the remote are installed correctly OR

1) Remote batteries are low; replace them with new batteries

Drone and remote properly pair, but the drone will not lift-off:

1) One or more blades are most likely damaged;

READ ALL WARNINGS AND PRECAUTIONS BEFORE USE

Do not operate in rain, heavy wind, and or any type of severe weather
Do not land drone on wet surfaces

Never touch or allow others to touch drone while it is flying

**SAFETY WARNINGS** 

DO NOT TOUCH SPINNING PROPELLERS

Always turn drone off when it is not in use

WARNING: Changes or modifications to this unit not

expressly approved by the party responsible for

compliance could void the user's authority to operate

Fly-aways are the responsibility of the individual

pilot and will not be replaced by the manufacturer.

This drone weighs 1.6 lbs. As of December 21, 2015, the Federal Aviation

weighing more than .55 lbs. Visit www.faa.gov/uas/registration/ for more

information. The FAA does require this drone to be registered, ongoing

compliance with federal, state, and local laws is an owner's sole

Always be mindful of others privacy and do not record video or take

images of others without their consent. Check and comply with your

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,

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

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

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

CAUTION: To maintain compliance with the FCC's RF exposure guidelines, place the drone at least 20cm

Always fly drone in large open areas

the equipment.

INVASION OF PRIVACY WARNING

including interference that may cause undesired operation.

—Reorient or relocate the receiving antenna.

FCC RF Radiation Exposure Statement:

from nearby persons.

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—Increase the separation between the equipment and receiver.

-Consult the dealer or an experienced radio/TV technician for help.

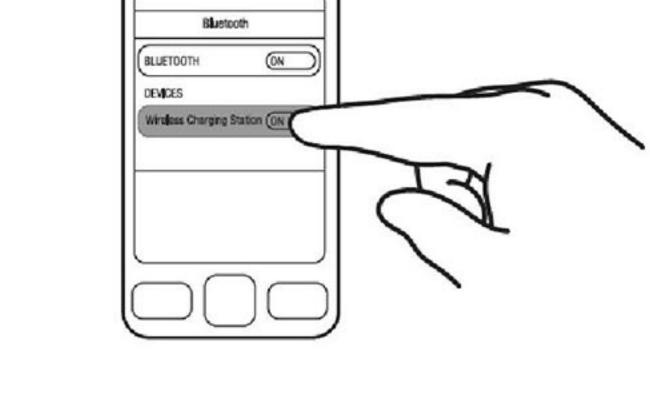
federal, state and local laws regarding privacy.

### **APP SET-UP** Download the App

Go to your app store on your mobile device and download the 360 Flight GPS app. **Connecting Phone to Drone** 

1) Turn drone On. 2) While Wifi is active on your phone, search for 360FlightGPS-XXXXXX network (every drone has its own 6 digit identifier). 3) Connect to the 360FlightGPS-XXXXXX

4) If you are having trouble connecting to Wifi, refer to your user smartphone manual for directions. 5) Open the 360 Flight GPS App. 6) Press the drone icon and the screen below will appear.



# **APP LAYOUT**



 On Screen Controls · Point of Interest · Follow-Me Mode

Joystick Param Map 🔘 Transfer stick mode O YES O NO ke off only when GPS signal is well OH OL dle head reset elerometer calibrate

# **GPS VIDEO HOVER DRONE**

# **ADVANCED FLYING FEATURES**

will now be flown and controlled using your smartphone.

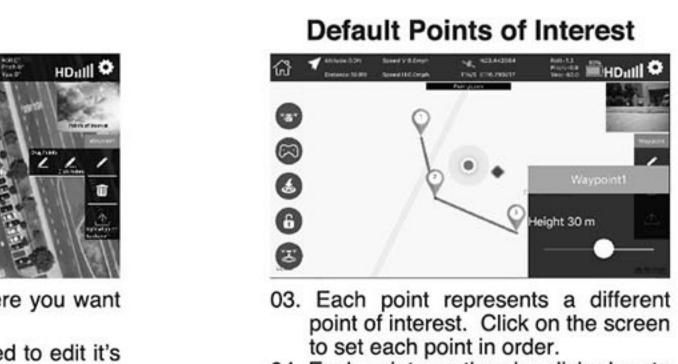
NOTE: To utilize the advanced GPS functions, complete steps 1 through 3 on page 6, then turn off the remote. The drone



Auto Orbit

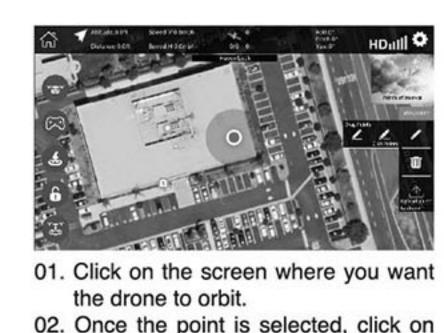
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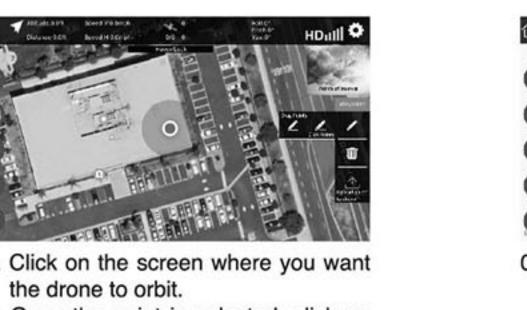
02. Each point can be clicked to edit it's



send the instructions to the drone to



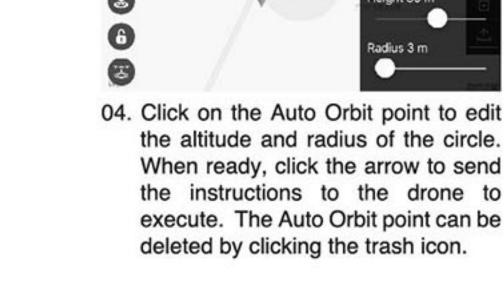






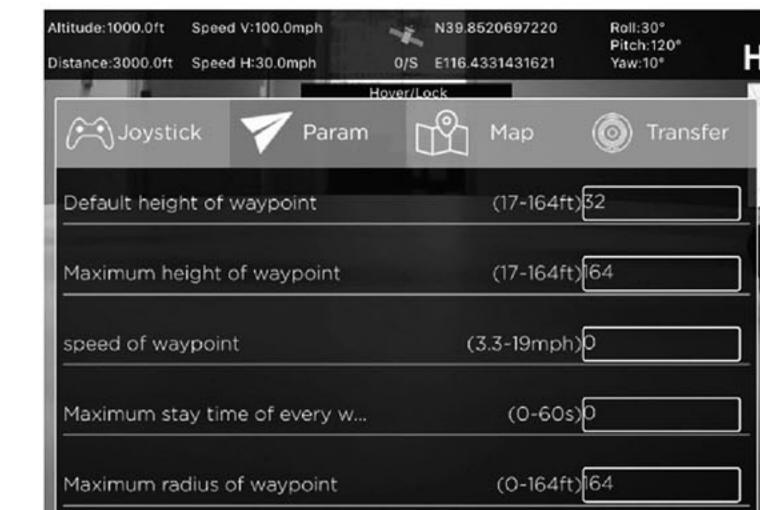


**Auto Orbit** 



# ADVANCED SETTINGS

of the orbit.





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# **GPS VIDEO HOVER DRONE**

Align hole on Mount with hole in antena. Insert

screw to secure Mount to remote.

# OTHER FEATURES

Align Press the Align Button to turn Align mode ON and then again to turn off.

In this mode, the drone will always move in the

direction you press the Multi Directional Button no matter which way the drone faces. **Auto Take-Off Button** Once you are comfortable flying the drone, use

the Auto Take Off Button for an easy take off.

1. Turn remote ON 2. Pair remote to drone: Bring the Throttle all the way up then bring it all the way down, remote will beep once paired. 3. Press the Auto Take-Off button.

4. Press the Auto Take Off Button. Drone will begin to elevate. You can compensate for some of the drones drifting by using the Multi Directional Button or by following step 5 on page 5. You may need to practice this step several times before successfully getting drone into the air.

· Do not crash drone into sand or dirt. Drone gears may become clogged. When first learning to fly, practice lifting off and

 Stay several feet from walls and buildings Always Press Throttle all the way down after crashing or when something gets stuck in propellers.

hovering.

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Replacing Propellers

2. Remove existing propellers using the provider screw driver. 3. Replace the propellers using the diagram to the right. Make sure you installed the correct blade

