

# Hover Camera Passport **User Manual**

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# How to Use This Manual

## **Search for Keywords**

Search keywords to find a topic. In Adobe Reader, press Ctrl+F on Windows or Command+F on Mac to begin a search.

## **Navigating to a Topic**

View a complete list of topics in the table of contents. Click on a topic to navigate to the section.

## **Printing this Document**

This document supports high-resolution printing.

**Please read the following documents before using Hover Camera Passport:**

1. **In-Box Contents List**
2. **User Manual**
3. **Quick Guide**
4. **Disclaimer & Safety Instructions**
5. **Battery Safety Instructions**

This manual provides important safety, usage, and maintenance information. Please read it in its entirety before operating Hover Camera Passport. Additionally, make sure to read Disclaimer and Safety Instructions before flying for the first time and Battery Safety Instructions before handling the batteries. You can obtain the latest version of these documents from the official Hover Camera website at [www.GetHover.com/support](http://www.GetHover.com/support).

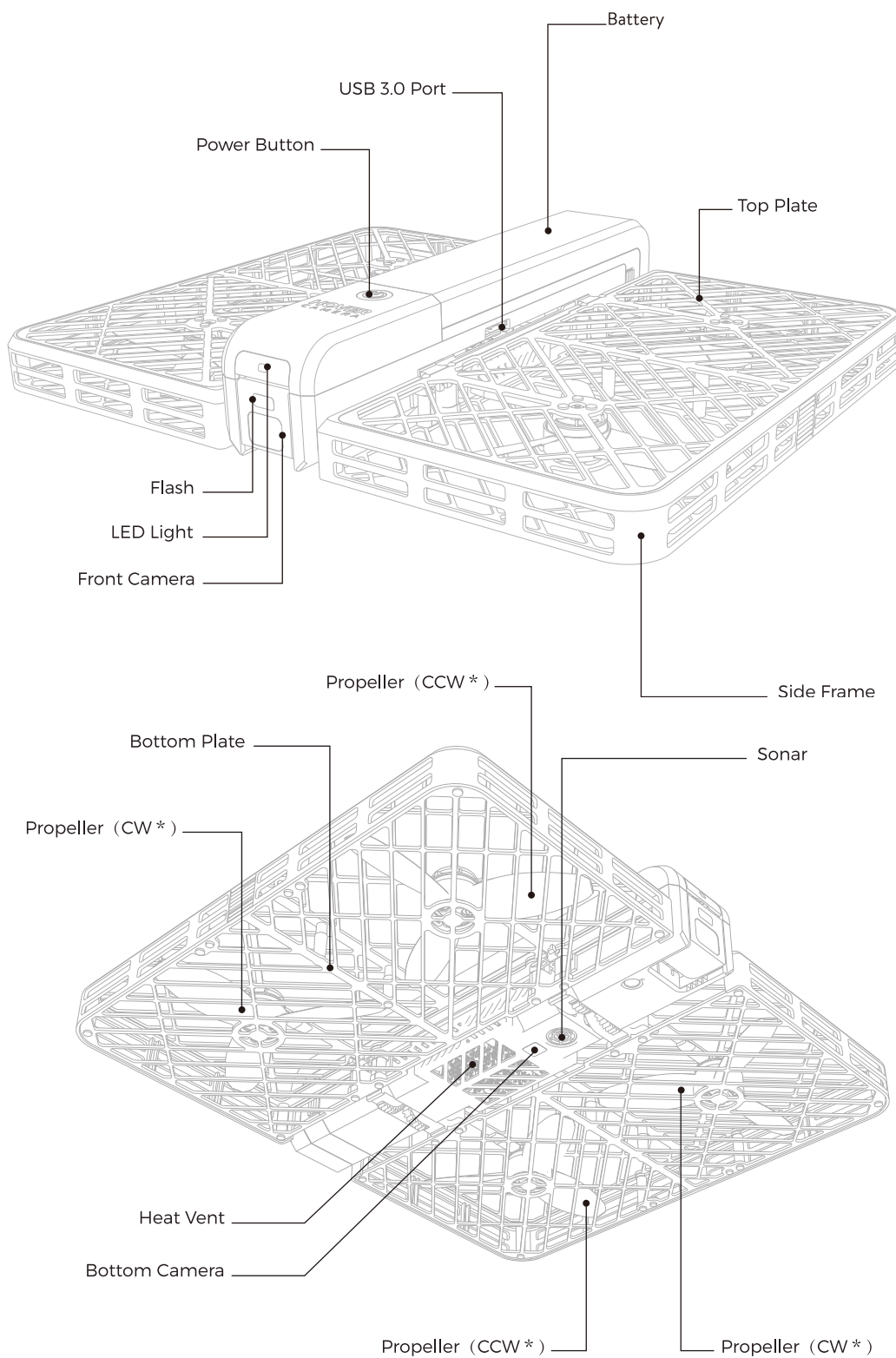
# ■ Introduction

Hover Camera Passport is the world's leading AI-embedded flying camera drone, which features safety, portability, and ease of use. Hover Camera Passport weighs only 242g and is able to take 13MP photos and record 4K video. Hover Camera Passport is capable of diverse functions, such as Auto-Follow, Orbit, 360 Spin, and One-tap Landing. Users can easily operate Hover Camera Passport from their mobile device with the Hover Camera app.

## In-Box Contents

In-Box Contents	Quantity
Hover Camera Passport	1
Product Protective Case	1
Rechargeable Li-Po Battery Pack	2
Easy-Carry Bag	1
Propeller (CW × 2, CCW × 2)	4
Screw Driver Kit (Includes: 2 screw drivers; 12 screws: M1.2×6, M1.4×6)	1
USB 3.0 Cable	1
Charger	1
Adapter	1
Quick Guide	1
Warranty Policy	1
Battery Safety Instructions	1
Disclaimer and Safety Instructions	1
In-Box Item List	1

## Diagram of Hover Camera Passport



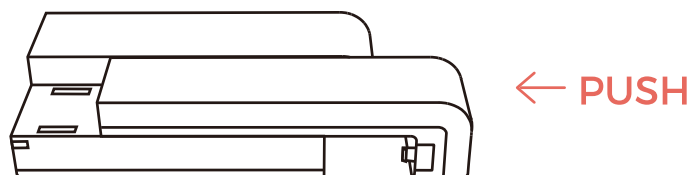
\*CW: Clockwise

\*CCW: Counter-Clockwise

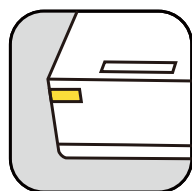
# ■ Before you Begin

## Charging the Battery

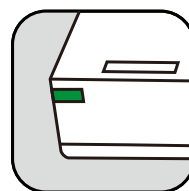
To charge the batteries, plug them into the charger as shown in the following diagram:



The LED indicator light indicates the charge status as follows:



Solid Yellow: **Charging**



Solid Green: **Fully Charged**

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### Note:

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When a Li-Po battery is left discharged for an extended period, the battery will over-discharge and deactivate. To reactivate the battery, charge it using the Hover Camera Passport battery charger. The LED indicator light on the charger will turn solid yellow during reactivation. If reactivation fails or if the battery fails to charge, the LED indicator light will blink yellow.

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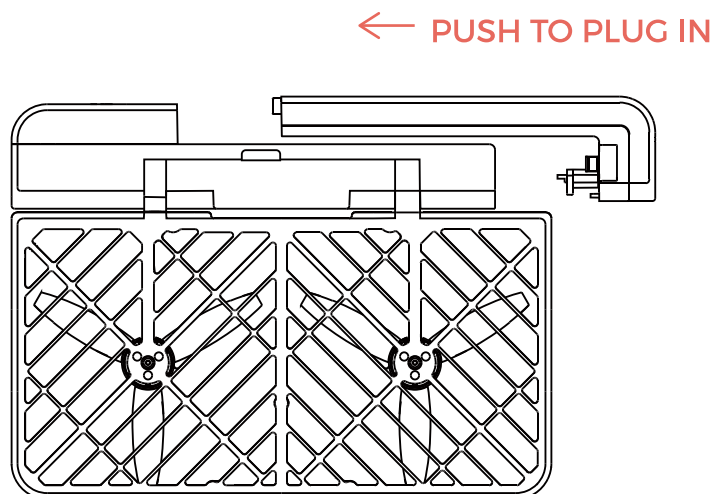
When the battery temperature is too low (below 5°C/41°F) or too high (above 40°C/104°F), the charger will stop charging until the temperature is within the acceptable range. The charging process may take longer as a result. During this time, the LED indicator light on the charger will remain solid yellow.

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## Installing & Removing the Battery

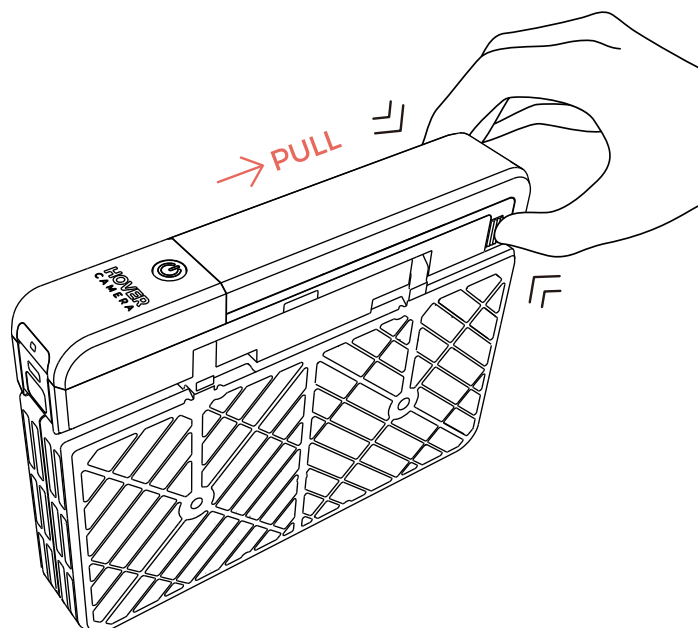
### Installing the Battery

To install the battery, line up battery hooks with the slots on the top of the Hover Camera Passport and gently slide it in until it locks as shown in the following diagram:



### Removing the battery

To remove the battery, pinch the grips at the rear of the battery and gently pull outward as shown in the following diagram:



## Downloading the Hover Camera App

The Hover Camera app allows you to control Hover Camera Passport through your Android or iOS device. The Hover Camera app tutorial will open the first time you launch the app to provide you with a quick introduction to each function. If you need to view the tutorial again, tap on 'Tutorial' located under 'Settings' from the Hover Camera app.

To download the Hover Camera app, scan the QR code below to get to the Download page with the mobile device you wish to use to control your Hover Camera Passport. You can also visit our official website [www.GetHover.com/support](http://www.GetHover.com/support) to download the app.



The iOS version of the Hover Camera app is compatible with iOS 8.0 or later.  
The Android version of the Hover Camera app is compatible with Android 4.4 or later.

## Pre-Flight Check

Before each flight session, ensure that:

- The mobile device is connected to the Internet and GPS is switched on to ensure that appropriate local Wi-Fi channel is used.
- The battery is correctly installed and all other components are functioning properly.
- The Hover Camera Passport battery and your connected mobile device are both charged.
- The environment and weather conditions are suitable for flight. (See Environment Requirements for Flight section in the following chapter.)

# ■ Flying for the First Time

## Environment Requirements for Flight

Hover Camera Passport can be operated indoors at suitable venues or outdoors when wind speeds are below 6 miles per hour. When wind speeds are 6 miles per hour or higher, you may not be able to control Hover Camera Passport properly. This poses a serious risk of damage to the Hover Camera Passport, other property, or injury to nearby persons.

To ensure high quality videos and photos, operate Hover Camera Passport in an environment with minimal or no wind and ensure that there are no obstacles that could disturb photographing or visual flight.

Hover Camera Passport can be flown in temperatures between 5°C - 35°C (41°F - 95°F) and in altitudes no higher than 6,561ft above sea level.

Only operate Hover Camera Passport in locations where use is legal.

Operate Hover Camera Passport in a well-lit and spacious environment and do not let it fly beyond visual range.

**DO NOT** fly Hover Camera Passport in crowded areas to avoid causing injury and make sure that there are no animals in the surrounding area when you are operating Hover Camera Passport.

**DO NOT** fly Hover Camera Passport in areas or near buildings with no-flying signs.

**DO NOT** fly Hover Camera Passport in rain, fog, snow, lightning, hail, storm, winds over 6 miles per hour, or any other extreme weather environments.

**DO NOT** fly Hover Camera Passport in areas with strong magnetic fields.

Hover Camera Passport relies on an optical flow sensor and sonar to gauge its height and position. The following types of environments may negatively affect the performance of Hover Camera Passport:

- Extremely dark or extremely bright
- Flickering or rapidly changing light conditions

Avoid surfaces with one or more of the following characteristics:

- Solid color
- Reflective or transparent
- Moving
- Strong sound absorption
- Irregular or unclear texture
- Repetitive textures
- Inclines greater than 20°
- Snow

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**Note:** For further details, please refer to the Disclaimer and Safety Instructions.

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## Status lights

The following chart shows what the various light indicator status' indicate.

Indicator Light	Color and LED Status	Hover Camera Passport Status
<b>Power Button</b>	Solid White	1. Ready to fly 2. Flying
	Blinks White slowly	Self-checking when Hover Camera Passport is turned on
	Blinks White quickly	The firmware is upgrading
<b>LED Indicator Light</b>	Solid Green	Connected to a USB port
	Blinks Green Twice	When Hover Camera Passport is turned on
	Solid Yellow	1. Fail to initialize after self-checking. 2. The environment is inappropriate for flying.
	Blinks Yellow	Low Battery
	Blinks Red once	Taking a single photo
	Blinks Red constantly	Recording a video

## Powering On/Off

### Powering On

To power on Hover Camera Passport, long-press the power button for 2 seconds and the LED indicator light will flash green twice. Hover Camera Passport has an approximately 15-second initialization process, after which the front facing camera will tilt down and then up once to calibrate the camera position, followed by a beep to indicate that the process is complete and that it is in Standby mode.

### Powering Off

To power off Hover Camera Passport, long-press the power button for 2 seconds while Hover Camera Passport is in Standby mode. The front camera will tilt down and up followed by a beep to indicate the process is complete.

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#### Note:

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When turning on the device, Hover Camera Passport will perform a self-check. The LED indicator light will remain solid yellow if there are any errors. In this case, restart Hover Camera Passport and see if the problem has gone. If the problem still exists, contact with the customer service.

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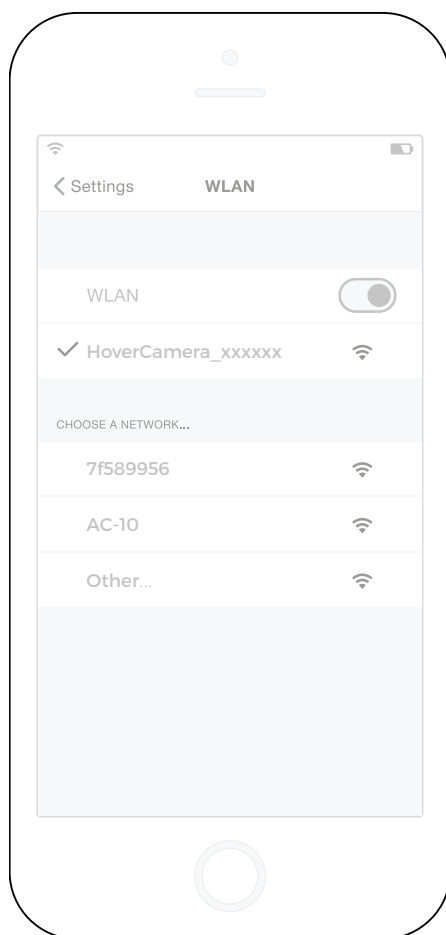
## Standby Mode

When Hover Camera Passport is in Standby mode, the power button light turns solid white, indicating that Hover Camera Passport is ready for flight. If Hover Camera Passport is idle for 10 minutes in Standby mode, it will automatically power off.

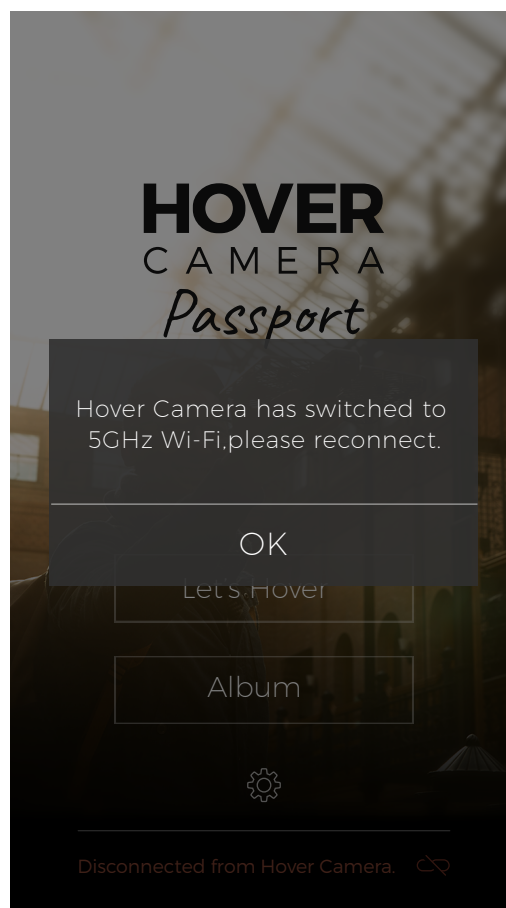
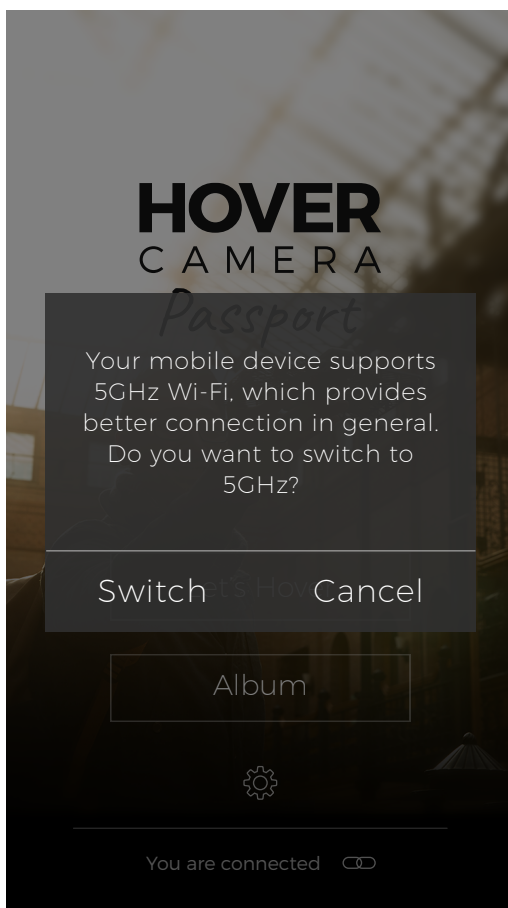
## Pairing Hover Camera Passport to Your Mobile Device

Hover Camera Passport connects to mobile devices directly through Wi-Fi. The connection process is as follows:

1. Power on Hover Camera Passport.
2. Go to your mobile device's Wi-Fi Settings page.
3. Locate and tap on Hover Camera Passport's Wi-Fi name. The name will be in the format HoverCamera\_XXXXXX where XXXXXX is a unique 6-digit number specific to your device.
4. When prompted, enter the Wi-Fi password (Default Wi-Fi password: 12345678).



If your mobile device supports 5 GHz Wi-Fi, when the Hover Camera App is launched for the first time, it will prompt you to select the Wi-Fi channel (2.4 GHz or 5 GHz) you prefer to use. This option can be changed in the settings menu.




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**Note:**

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Users can change the password, Wi-Fi name, and Wi-Fi channel in "Hover Camera app-Settings-Set Wi-Fi Info".

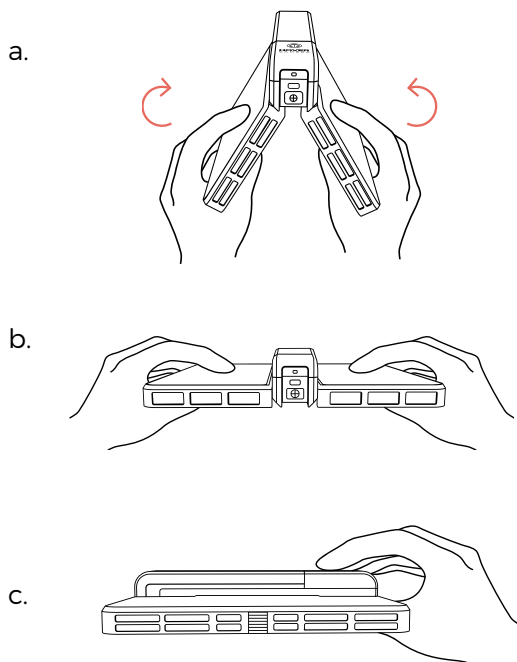
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Only one user can connect at a time. For another user to gain control when Hover Camera Passport is already being controlled, the user connected to Hover Camera Passport will need to disconnect first.

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## Release and Hover

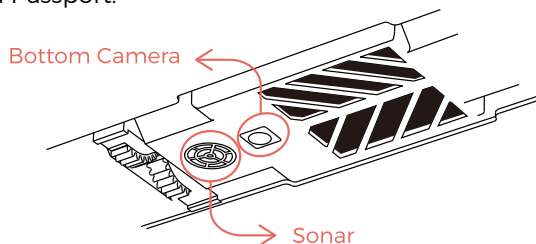
In Standby mode, unfold Hover Camera Passport and press the power button. Once the propellers start spinning, hold Hover Camera Passport horizontally and steady and the system will determine if Hover Camera Passport is ready for flight. If flight conditions are met, the propeller speed will increase and you can release Hover Camera Passport. Hover Camera Passport will hover in place and requires no further actions to keep it airborne.




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### Note:

Do not cover the bottom camera and sonar sensor at the bottom of Hover Camera Passport when releasing Hover Camera Passport.




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If the LED indicator light on Hover Camera Passport is solid yellow, the environment is not suitable for flight or the optical flow and sonar sensors have been shielded. Ensure that you are holding Hover Camera Passport with sensors unshielded or relocate to a more suitable environment if the environment is unsuitable.

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Hover Camera Passport must be at least 12 inches from the ground for a proper release.

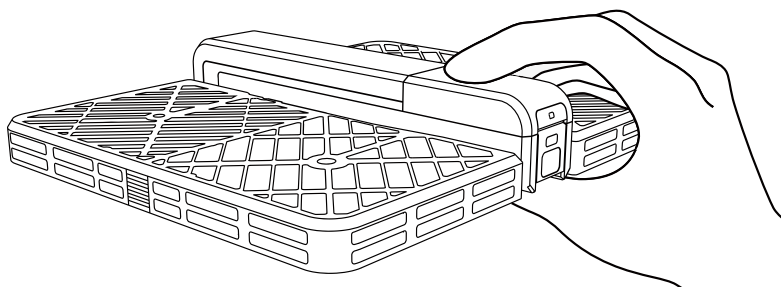
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Load flight is not allowed for Hover Camera Passport.

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## Retrieving Hover Camera Passport from Flight

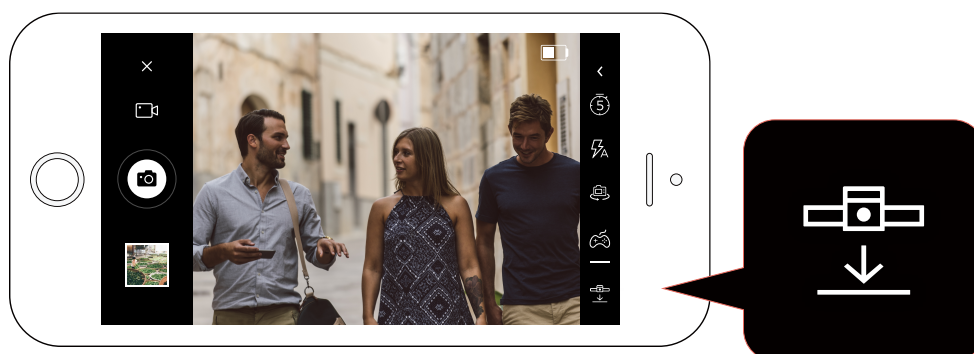
To retrieve Hover Camera Passport from flight, grab it as illustrated and quick-press the power button to enter Standby mode.



Alternatively, Hover Camera Passport can be landed automatically with the “One-tap Landing” button in the Hover Camera app. This function can also be used in urgent situations. During One-tap Landing, users can stop Hover Camera Passport from landing by tapping again on the



icon or fly Hover Camera Passport horizontally.




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### Note:

Do not insert fingers into carbon fiber case while retrieving Hover Camera Passport.

For more information about safely retrieving Hover Camera Passport, please refer to Disclaimer and Safety Instructions.

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## Low Battery Level

Battery Level	60s of flight time left	30s of flight time left
LED Indicator Light	Blinks yellow	Blinks yellow
In-App Notification	Landing Soon	Landing
Action	Users should fly Hover Camera Passport to a location suitable for landing.	Hover Camera Passport begins to land automatically.

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**Note:**



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During auto landing caused by low battery level, users will only be able to fly Hover Camera Passport horizontally.

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## ■ Manual Controls

Once Hover Camera Passport is connected to your mobile device and is in flight, tap "Let's Hover" from the main screen of the Hover Camera app and users will be guided to the

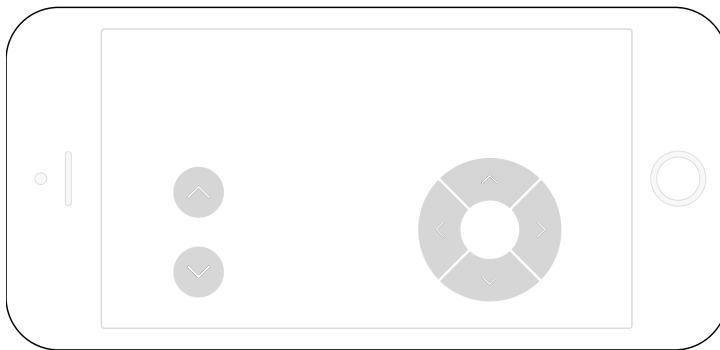
photo taking screen. Tap the  icon on the right to select manual control mode. There are three manual control modes for Hover Camera Passport. During first launch, the Hover Camera app is set to Classic mode by default. In all subsequent launches, the control mode is set to the mode that was previously used.

When using default settings, flight controls will make Hover Camera Passport fly relative to where its camera is facing. The following controls apply when the camera is facing the user.

### Classic Mode

Control Hover Camera Passport using virtual control pads:

- Arrow buttons on the left adjust altitude.
- Right control pad adjusts flying direction:
  - Up arrow makes Hover Camera Passport fly away from the user.
  - Down arrow makes Hover Camera Passport fly toward the user.
  - Left arrow makes Hover Camera Passport strafe to the user's left.
  - Right arrow makes Hover Camera Passport strafe to the user's right.

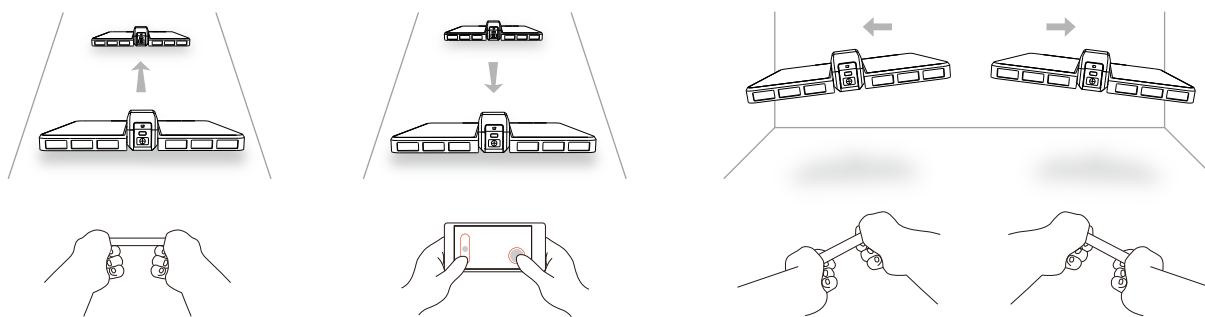
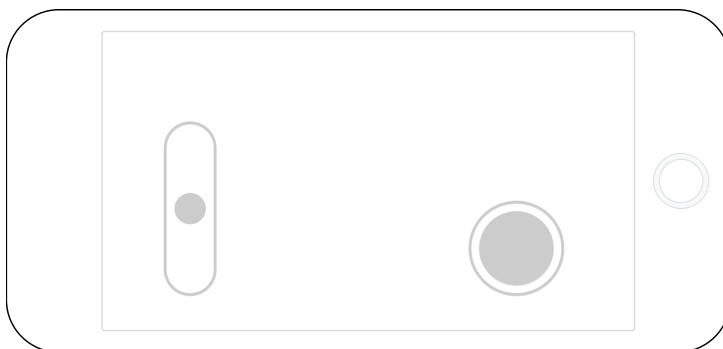


### Motion Mode

Use the virtual joystick on the right and the on-screen slider on the left to control Hover Camera Passport as shown in the following figure. Tap and hold the button on the right, and tilt your connected mobile device at different angles to control the movement of Hover Camera Passport.

- Left arrow buttons control altitude.
- Tap and hold the button on the right to control flight directions:
  - Tilting the phone away from you makes Hover Camera Passport fly away from the user.
  - Tilting the phone towards you makes Hover Camera Passport fly toward the user.

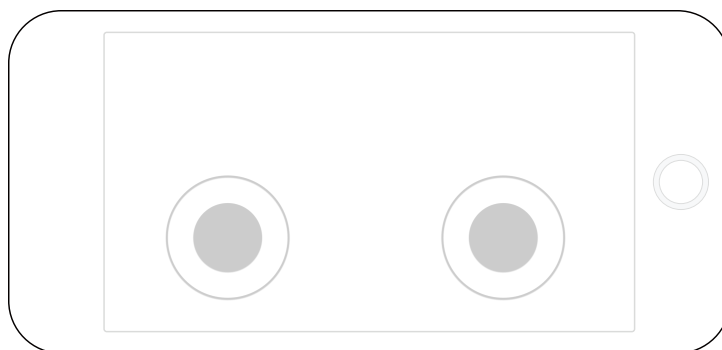
- o Tilting the phone left makes Hover Camera Passport strafe to the user's left.
- o Tilting the phone right makes Hover Camera Passport strafe to the user's right.



## Joystick Mode

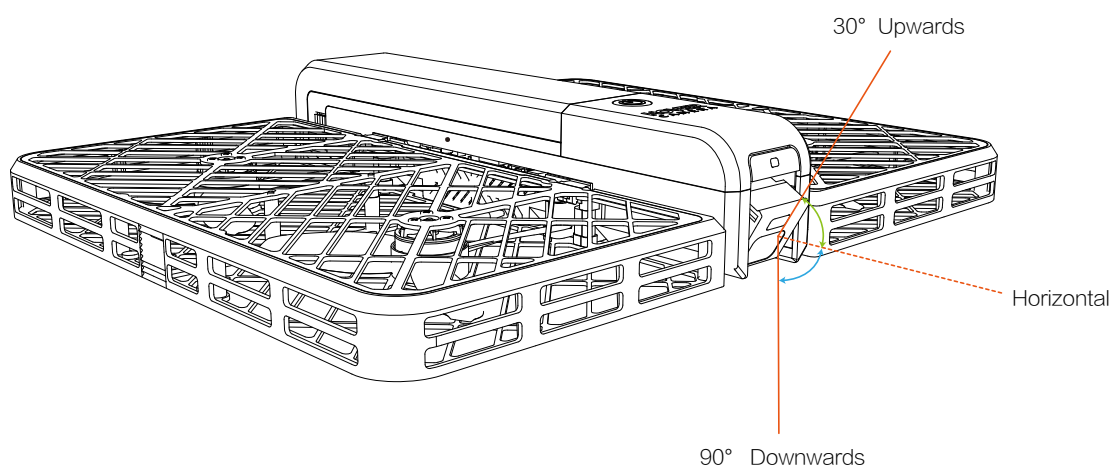
Use virtual joysticks to control Hover Camera Passport.

- Left joystick controls the altitude and yaw.
- Right joystick controls flight direction:
  - o Pushing joystick up makes Hover Camera Passport fly away from the user.
  - o Pushing joystick down makes Hover Camera Passport fly toward the user.
  - o Pushing joystick left makes Hover Camera Passport strafe to the user's left.
  - o Pushing joystick right makes Hover Camera Passport strafe to the user's right.

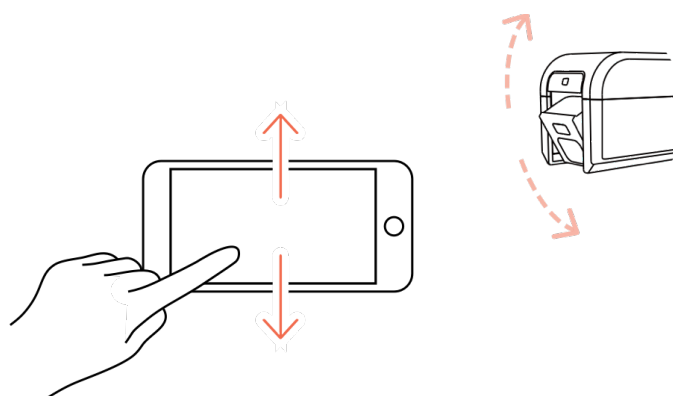


# Tilt and Yaw

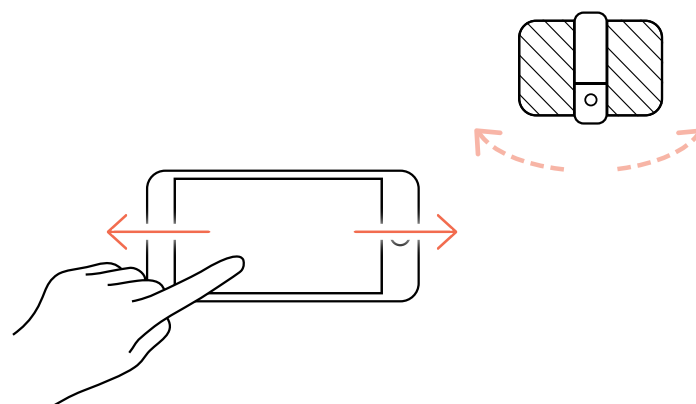
## Gimbal profile



By sliding your finger upwards or downwards on the real-time video feed of your connected mobile device, you can tilt the camera up or down, respectively.



Swiping your finger on the real-time video feed of your connected mobile device to adjust the yaw of Hover Camera Passport.



## Invert Controls (Mirror View)

Switching this mode on will flip the image on your mobile device horizontally and invert the manual controls. Default is mirror view and Hover Camera Passport flies toward the user. This makes it more intuitive to fly Hover Camera Passport when the camera is pointing away from the user. Photos and videos taken will not be affected by this mode.

Before

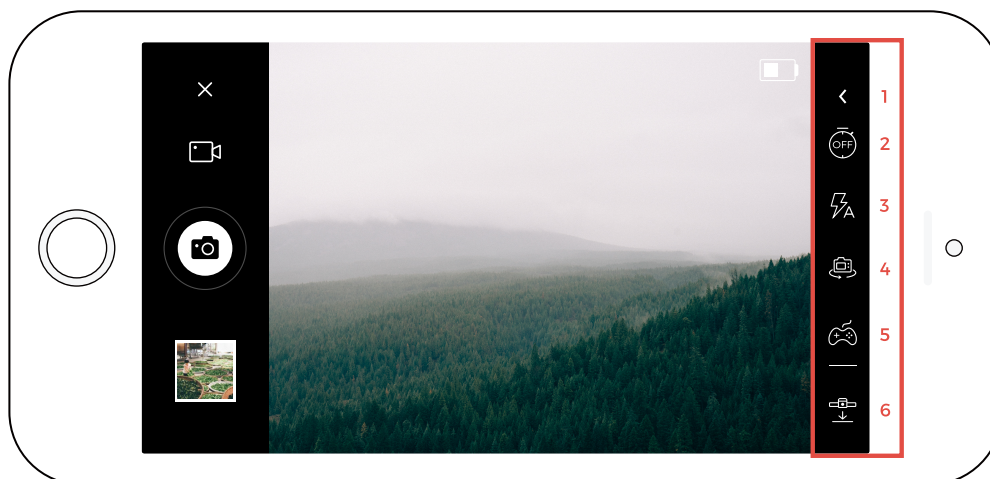


After



# ■ Taking Photos and Videos

## Taking Photos



Press the icons on the right to use the following features:

1. Pullout arrow to the intelligent flight modes menu
2. Timer Mode
3. Toggle on/off/auto flash
4. Mirror View – reverses the image horizontally. This will also reverse the flight controls when manually flying Hover Camera Passport.
5. Manual Control mode (refer to Manually Controlling Hover Camera Passport above)
6. One-tap Landing

Tap the thumbnail on the bottom left of the screen to browse, or delete photos or download videos from Hover Camera Passport to your connected mobile device.

In Photo Taking mode, tapping the pullout arrow on the upper right of the screen will reveal a menu of the intelligent flight modes.

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### Note:

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The "Let's Hover" button on the main screen of the Hover Camera app is only enabled when a mobile device is successfully connected to Hover Camera Passport's Wi-Fi.

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## Adjusting Exposure

### Auto-Exposure

In photo mode, touching an area of the real-time video feed sets its brightness as the standard exposure for the entire photo.

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#### Note:

If Hover Camera Passport moves after selecting an exposure area, the auto-exposure area will move back to the center of the real-time video feed.

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### Auto-Exposure Lock

In photo mode, long pressing an area of the real-time video feed for 2s locks its brightness as the standard exposure for the entire photo. The yellow frame turns green to indicate that Auto-Exposure Lock (AE-L) mode is enabled and the exposure will not change even if the scene composition changes. Users can manually adjust brightness by moving the slider on the bar at the top of the screen. Tap the screen again to disable AE-L.




## Flash

Toggle between the three flash modes:



On	Off	Auto

## Timer Mode

In Timer mode , Hover Camera Passport waits 5 seconds before taking a photo once the shutter button is tapped. This feature is deactivated by default.

## Taking Video

In photo mode, Tap the  icon on the left to switch to video recording mode.

After entering Video Recording mode, tap the  icon to begin recording. The LED indicator light on the Hover Camera Passport will flash red while recording. Tap the  icon to stop recording.

Hover Camera Passport supports three video formats: 720p, 1080p, and 4K, and provides 720p real-time video feed on the connected mobile device. The 720p & 1080p formats support Electronic Image Stabilization (EIS). The resolution for videos is 1080p by default and can be changed in "Settings - Record Video".



Press the icons on the right to use the following features:

1. Pullout arrow to the intelligent flight modes menu;
2. Mirror View – reverses the image horizontally. This will also reverse the flight controls when manually flying Hover Camera Passport.
3. Manual Control modes (refer to Manually Controlling Hover Camera Passport above)
4. One-tap Landing.

### WARNING

Keep a safe distance from Hover Camera Passport when using the following intelligent flight modes. Ensure that there are no obstacles along or in the flight path. Do not move abruptly in case that Hover Camera Passport may not recognize your behavior and react in time. Pay attention to any possible obstacles along the flight path and control Hover Camera Passport to avoid possible crashes.



Using intelligent flight modes is not recommended in the following circumstances to avoid unexpected accidents:

1. Extremely dark or bright environments.
2. During bad weather conditions, including rain, fog, snow, wind, lightning, hail, winds over 6 miles per hour, and other extreme weather conditions.
3. The tracked subject has a similar color or pattern to the surrounding environment.
4. The tracked subject changes shape drastically while moving.
5. When Hover Camera Passport is flying above uneven or inclined surfaces.

## Intelligent Flight Mode

Tap the pullout arrow on the upper right of the screen will reveal a menu of the intelligent flight modes.

### Face Tracking Mode

1. Tap the  icon in the right sidebar to enter Face Tracking mode. Detected faces will have a yellow frame around them. Double-tap on a detected face and Hover Camera Passport will lock onto the face and attempt to follow it. The yellow frame around the face will turn green.
2. To stop Hover Camera Passport from following, double tap the selected face or deactivate Face Tracking mode by tapping the  icon. Video recording will not terminate when face tracking is stopped.



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#### Notes:

Faces must be facing the camera and be 3 – 13 feet away from the Hover Camera Passport camera to be properly detected by the Hover Camera app.

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### Body Tracking Mode

1. Tap the  icon in the right sidebar to enter Body Tracking mode. Detected bodies will have a yellow frame around them. Double-tap on a detected body and Hover Camera Passport will onto the body and attempt to follow it. The yellow frame around the body will turn green.
2. Stop Hover Camera Passport from following by double tapping the selected body and deactivate Body Tracking mode by tapping the  icon. Video recording will not terminate when body tracking is stopped.

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**Note:**

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The entire body must be between 13 – 26 ft. away from Hover Camera Passport in a standing position to be properly detected by the Hover Camera app.


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Hover Camera Passport's maximum Body Tracking speed can be unlocked by enabling Beast Mode from the settings. For more information, see Hover Camera app Settings – Beast Mode.

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## 360 Spin



In 360 Spin mode, To activate 360 Spin mode:

Tap the  icon in the right sidebar to activate 360 Spin mode. Hover Camera Passport pans the camera 360 degrees clockwise around a fixed axis while recording.

Tapping the  icon again deactivates 360 Spin mode.

## Orbit

In Orbit mode, Hover Camera Passport will orbit around a person with a fixed radius while recording. To activate Orbit mode:

1. Tap the  icon in the right sidebar to enter Orbit mode. Detected bodies will have a yellow frame around them. Double-tap on a detected body and Hover Camera Passport will lock onto the body and begin orbiting around it. The yellow frame around the body will turn green.
2. Stop Hover Camera Passport from orbiting by double tapping the selected body and deactivate Orbiting mode by tapping the  icon. Video recording will not terminate when body tracking is stopped.

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**Note:**

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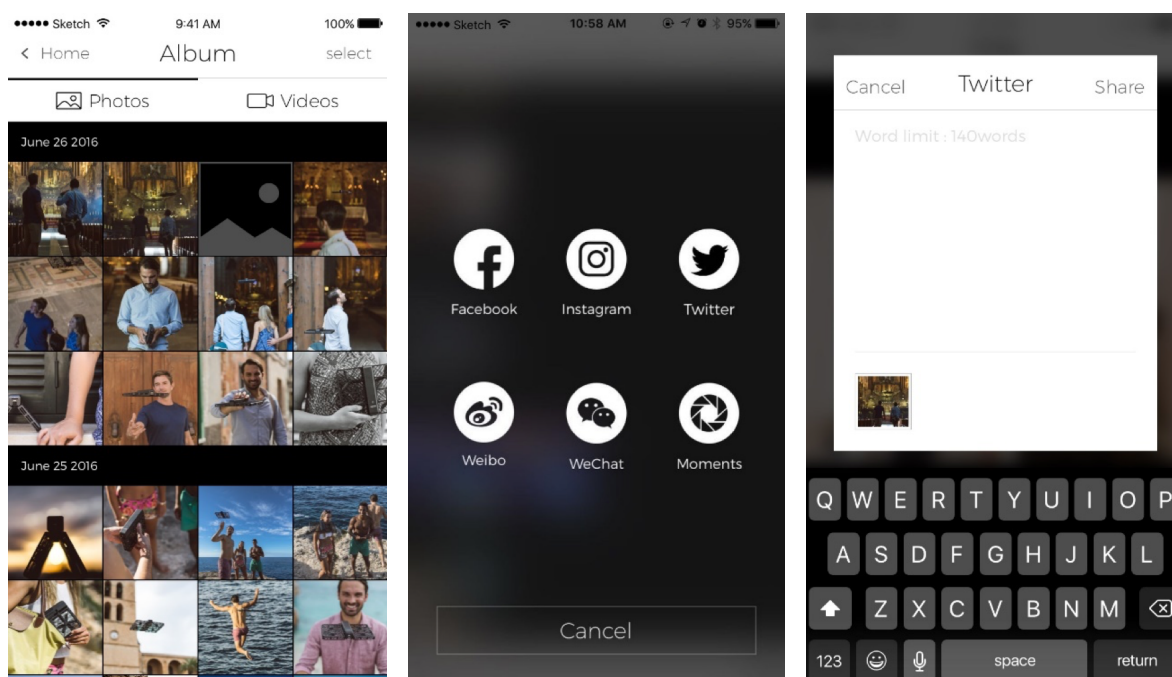
The entire body must be on screen to be properly detected by the Hover Camera app (stand between 13 – 26 feet away from the Hover Camera Passport camera).

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# ■ File Management

## Album

In Album, users can manage photos and videos. To manage your files, first click on the type of file on the header at the top. Tap a video or photo thumbnail to manage that file. To manage video files, you must first download them to your mobile device.



## Transferring Files from Hover Camera Passport to Your Computer

Hover Camera Passport needs to be in Standby mode to transfer files to a computer through a USB cable.

Windows users do not need to install additional software to transfer files to their computers. Once Hover Camera Passport is connected, the auto play window will pop up automatically. Choose "Open Folder to view files" and then you can choose which files you would like to save to the computer.

Mac users must install Android File Transfer to transfer files from Hover Camera Passport through USB. Download Android File Transfer at <https://www.android.com/filetransfer/> and follow the relevant instructions to transfer files.

iOS supports the wireless transfer of 720p & 1080p videos from Hover Camera Passport. 4K videos need to be downloaded to your computer through a USB cable.


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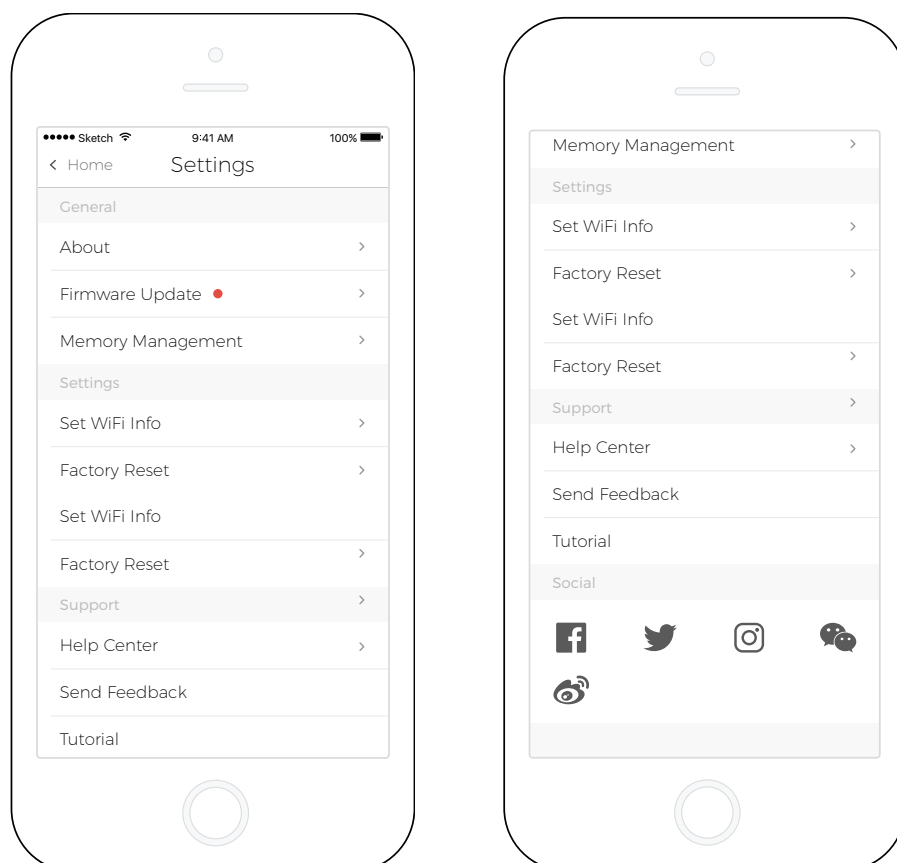
### Note:

Hover Camera Passport must be powered on and successfully paired to transfer photos and videos wirelessly to your connected mobile device.

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# ■ Hover Camera App Settings

Tap the  icon on the main screen to get to the Settings page.



## General

### About

Displays the current version of the Hover Camera app, Hover Camera Passport's firmware and the terms of service.

### Firmware Update

Checks and updates Hover Camera Passport's firmware. For more information see Maintenance and Care – Updating Hover Camera Passport Firmware

### Memory Management

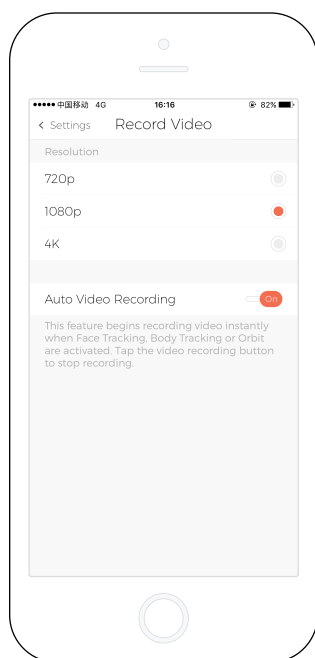
Displays the available storage space remaining and allows users to manage photos and videos. Tap the “Select” button on the upper right corner to delete or transfer multiple photos and videos onto the connected mobile device.

# Settings

## Beast Mode

By switching on Beast mode, the maximum flight speed during Body Tracking mode will be increased from 4m/s to 8m/s. Beast mode is switched off by default.

## Record Video

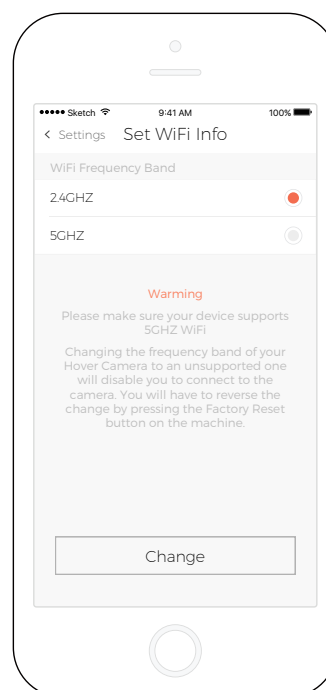
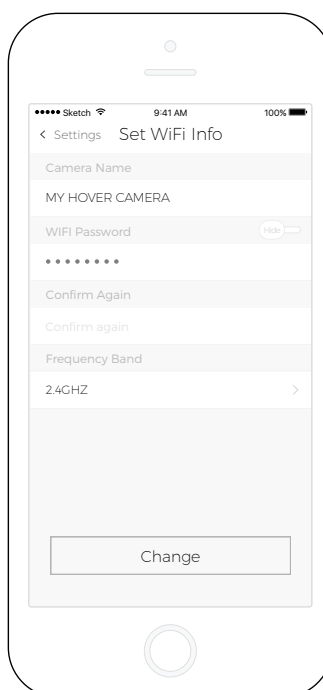


Choose between 720p, 1080p, and 4K resolutions for video recording (default 1080p). 720p and 1080p modes support Electronics Image Stabilization (EIS).

**Auto Recording:** video recording begins instantly once Face Tracking, Body Tracking, or Orbit mode is activated. This feature is switched on by default.

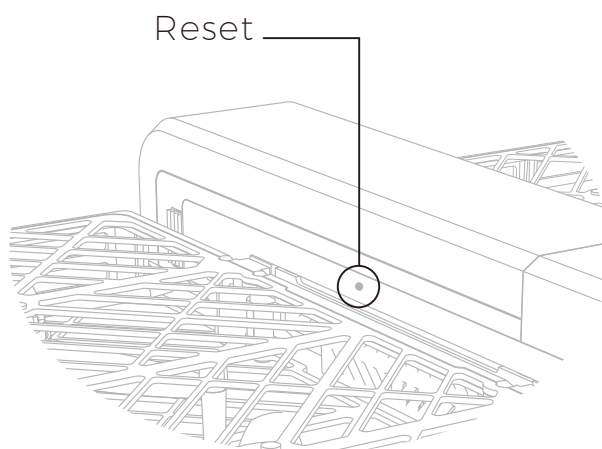
## Set Wi-Fi Info

Change Hover Camera Passport's Wi-Fi name and password as well as the Wi-Fi channel (2.4G/5G)



## Factory Reset

Reset Hover Camera Passport to factory settings.



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### Note:

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You can also manually reset Hover Camera Passport by inserting a pin (you can use a paper clip or needle) and pressing down into the reset keyhole on the left side of Hover Camera Passport's main body when the camera is facing you.

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## Support

### Help Center

Users will be guided to the support page on the official website.

### Send Feedback

Users can send feedback about Hover Camera Passport to Shenzhen Zero Zero Infinity Technology Co., Ltd. ("Shenzhen Zero Zero").

### Tutorial

This tutorial will pop up automatically during first launch of the Hover Camera app. Users can view the tutorial again here.

## Social Networking

Users can connect with Shenzhen Zero Zero through social media platforms, such as Facebook, Instagram, WeChat, and Weibo

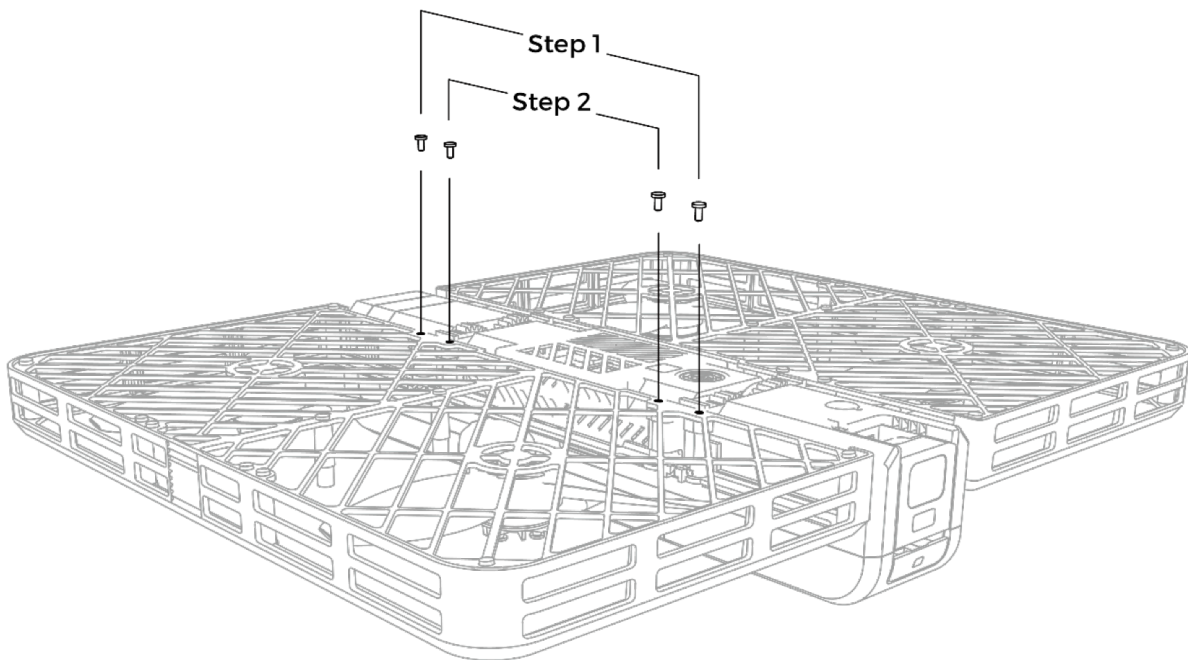
## ■ Maintenance & Care

Users can replace the carbon fiber plate on the bottom of Hover Camera Passport and Hover Camera Passport propellers. Follow the guidelines carefully to replace old or damaged parts, and only use tools and materials provided by Shenzhen Zero Zero.

### Replacing the Bottom Carbon Fiber Plate

To remove the bottom carbon fiber plate, remove the screws one by one (no sequence when unscrewing the screws).

To screw on the new plate, first screw in the two edge screws closest to the center, then screw in the two middle screws. The remaining screws can be screwed in any order.




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#### **Note:**

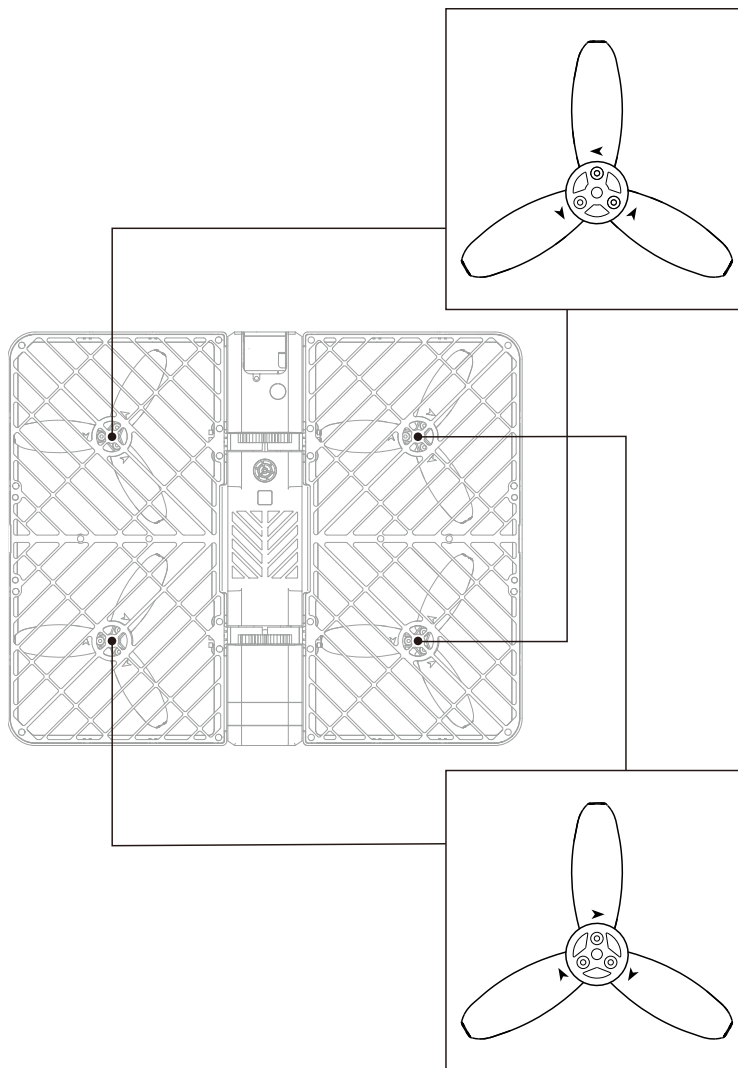
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Carefully unscrew the screws to avoid damaging the threading.

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## Replacing Propellers

Hover Camera Passport has four propellers comprised of two sets (CW and CCW) that rotate in opposite directions. Each set is diagonal from each other. Place propellers onto the corresponding rotors. Propellers do not fit on non-corresponding rotors by design. DO NOT attempt to force the propeller onto the rotor.



To replace the propellers:

1. Turn over Hover Camera Passport such that the carbon fiber plate is on top.
2. Remove the screws around the carbon fiber plate and remove it.
3. Unscrew the old propellers and remove them by pinching and pulling on the propeller hub (the part conjoined with the rotor).
4. Attach the new propellers by pressing down on the propeller hub onto place and screwing it in. Only CW propellers will fit onto CW rotors and only CCW propellers will fit into CCW rotors. CW and CCW propellers can be identified by the arrows on the propellers. Arrows on CW propellers face right and arrows on CCW propellers face left.
5. Screw the carbon fiber plate back on (refer to the above section Replacing the Bottom Carbon Fiber Plate for details).

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**Note:**


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Carefully unscrew the screws to avoid damaging the threading.

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Do not press on the propeller blades when removing the screws or they may be damaged. Handle the propellers gently when removing or placing them.

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Do not tighten the propeller screws too loosely or too tightly.

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There are two types of screws. The screws for bottom plate are longer, while the ones for propellers are shorter. Each propeller requires three (3) screws and each carbon fiber plate requires twelve (12) screws.

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There are two screwdrivers included with Hover Camera Passport. The grey screwdriver is for shorter screws and the black screwdriver is for longer screws.

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## Battery Disposal

Batteries will become worn, damaged, or otherwise unusable over time. If you encounter one of the follow situations, dispose of the battery according to your local laws and regulations.

- Swollen: battery is visibly swollen, distorted, or deformed.
- Worn: no obvious physical damage, but you experience a dramatic decrease in flying time.
- Damaged: visible damage such as cracks, abrasions, or punctures on the battery.

To avoid damaging your batteries, keep them away from any wet or dusty environments. While they are not in use, detach batteries from Hover Camera Passport and store them in an environment between 14°F- 104°F. Check Battery Safety Instructions for more information.

## Storage & Transportation

Store Hover Camera Passport in the case provided and **DO NOT** place heavy objects on top of it.

### Battery storage

Detach the battery and keep it in a proper environment as detailed in the Battery Safety Instructions to avoid over-discharge.

Proper temperature ranges for battery storage:	
Short term (<1 month)	-10°C - 40°C (14°F-104°F)
Long term (>1 month)	-10°C - 30°C (14°F- 86°F)

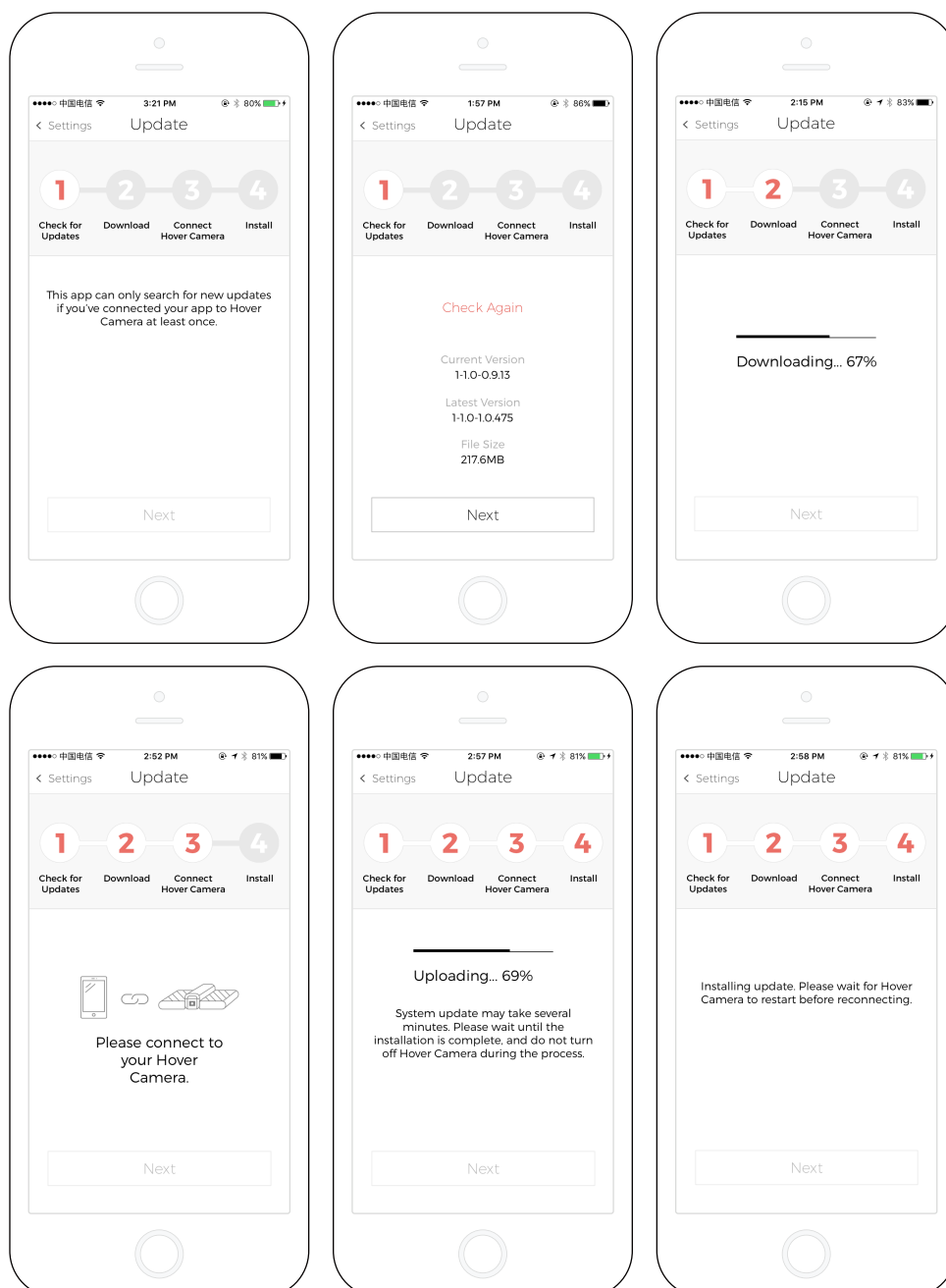
## Transportation

The suitable temperature range for transporting the batteries of Hover Camera Passport is between 18°C - 28°C (64.4°F - 82.4°F).

For more information about Lithium Polymer batteries, please refer to Battery Safety Instructions.

## Updating Hover Camera Passport Firmware

Hover Camera Passport's firmware can be updated in two ways:



1. Update from Hover Camera app.
  - a. Obtain Hover Camera Passport's firmware version by connecting the mobile device to Hover Camera Passport.
  - b. Connect your mobile device to the Internet through Wi-Fi to get the updated firmware version. If the firmware version of your Hover Camera Passport is the same as the updated one, then Hover Camera app will inform you that your firmware is the latest version. Otherwise there will be a "download" button. Tap this button to begin downloading the latest firmware.
  - c. After the download is complete, Hover Camera app will notify you to connect your mobile device back to your Hover Camera Passport to upload the firmware patch.
  - d. After the upload is complete, Hover Camera Passport starts updating its firmware. The power light will blink quickly during this process. This process will last for about 3 minutes.
  - e. When Hover Camera Passport finishes updating its firmware, the power light will stop blinking and become solid white.
2. Update from USB
  - a. Download the updated firmware patch from the official website.
  - b. Connect your Hover Camera Passport to your laptop with the USB cable.
  - c. Copy the downloaded patch to the root directory of Hover Camera Passport's storage.
  - d. Power off Hover Camera Passport and then power it on again.
  - e. The firmware updating process will begin automatically. If it does not, ensure that the patch has been put into the right folder. This process will last for about 3 minutes.
  - f. When Hover Camera Passport finishes updating its firmware, the power light will stop blinking and become solid white.

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**Note:**

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When updating the firmware, ensure that the battery of Hover Camera Passport is charged to at least 50%.

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Once the firmware update completes, you can check whether the update was successful by checking the version number of the updated firmware. To do this, navigate to "Settings -About".

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## After-Sales Information

For information regarding after-sales services and warranty information, please visit the following pages:

1. Warranty: <http://www.GetHover.com/support/warranty>
2. Refund and Exchange Policy: <http://www.GetHover.com/support/refund-and-exchange>
3. Return Merchandize Authorization: <http://www.GetHover.com/support/rma>

## Compliance Information

### FCC Compliance Statement

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.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

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/television technician for help.

### FCC Radiation Exposure Statement

This transmitter must not be co-location or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 7.9 inches between the radiator and your body.

### IC RSS Warning

This device complies with Industry Canada license-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.

### **IC Radiation Exposure Statement**

This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 7.9 inches between the radiator & your body. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **Canadian IC Warning**

This device complies with Industry Canada license-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. The device is compliance with RF eld strength limits, users can obtain Canadian information on RF exposure and compliance. Le présent appareil est conforme de ce matériel aux conformités 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 correspondante. This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The device is going to be operated in 5150~5250MHz frequency range.  
It is restricted indoor environment only.