# GLINT 2.0

Quick Start Guide

GLINT 2.0

GLINT 2.0 has the function of one-key takeoff, landing, return to home, follow me, point of interest, point flying and waypoints. The GLINT 2.0's camera records videos at up to 4K/1080P and captures 16-megapixel photos stably during flight.

Review the diagram below for a full list of your GLINT 2.0's parts:

1. Camera

2. 3-axis Gimbal

3. Gimbal Fixed Screw

4. Micro-USB Port

5. Landing Gear

6. Handle

7. Motor

8. Propeller

9. Intelligent Flight Battery

10. Power Button (LED fight indicator)

11. Battery Level Indicator

12. Camera Gimbal Control Port

13. Reset Button

Remote Controller

This powerful Remote Controller allows you to pilot and maneuver your GLINT 2.0 at distances over 1km *away, while putting selected camera controls at your fingertips. Built-in your Remote Controller is a chargeable LiPo battery, which can work last for 8 hours*.

[1] Mobile Device Holder
[2] Flight Battery Indicator
[3] Power Button
[4] Hanging Buckle
[5] Return to Home Button
[6] Remote Controller Battery Indicator
[7] Antenna
[8] Control Stick
[9] Shutter Button
[10] Link Button
[11] Gimbal Tilt Control Dial；
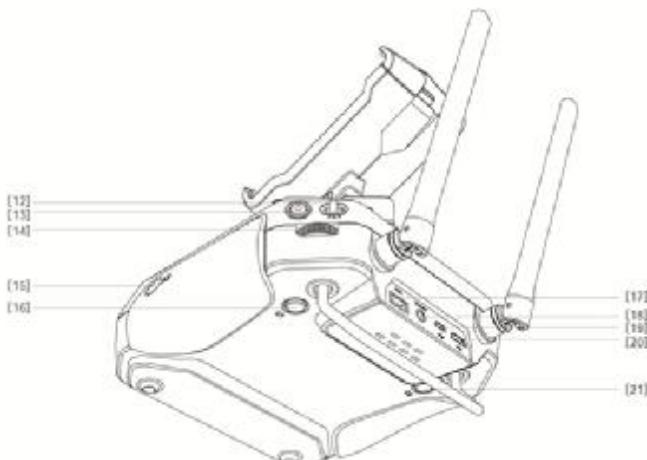
[12] Flight Model Switch S1
[13] Video Recording Button
[14] Gimbal Direction Control Dial
[15] Charging Port
[16] Customizing Button C1
[17] USB 2.0 Port
[18] Coaching Model Port
[19] Micro USB Parameters Port
[20] HDMI Port
[21] Customizing Button C2

*The maximum transmission distance and the longest continuous working time were measured in a lab environment. It is for reference only.

Specification

I   Aircraft

|	
Weight	1.5~2.5kg
Total Weight	1.9kg
Power Battery	4S/6500 mAh/10C
Max. Ascent Speed	5m/s
Max. Descend Speed	2m/s
Max. Level Speed	6m/s(GPS)
Max. Flight Altitude	4000m
Flight Time	25min
Operating Temperature Range	- 10℃~40℃
GPS Module	GPS+GLONASS
Flight Mode	Manual ATTI/GPS/customizing(headless mode/encircling mode/ manual mode)
Flight Relative Height	800m
Flight Relative Horizontal Distance	1000m
Default Fence	100m height，300m horizontal distance
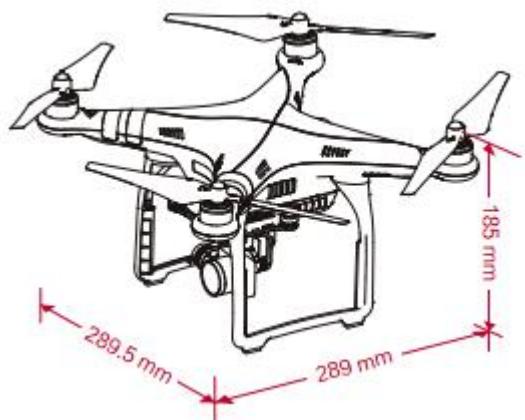
参考图片

I   Gimbal

Control Accuracy	0.01°
Controllable Rotation Range	Pitch：-90°-90°； Roll：±170°
Max Rotational Control Speed	Pitch：100°/s；Roll：90°/s
Operating Temperature	- 10℃~40℃

I   Camera

Sensor	Sony IMX078CQK 1/2.3
Lens	20mm
Resolution Ratio	16M/8M/5M
Aperture	F/2.8，7glass lens
shooting angle	horizontal：105°； diagonal：140°
Still Photography Modes	Normal shooting, normal recording, time-lapse record, time-lapse shooting、burst shooting: 11frames,
Supported file format	Photo: JPG；Video: MP4
Supported SD Cards Types	Micro SD; Max. capacity: 64GB; transmission speed up to Class 10
Battery	1600mAh
Operating Current/Voltage	500 mA /5V
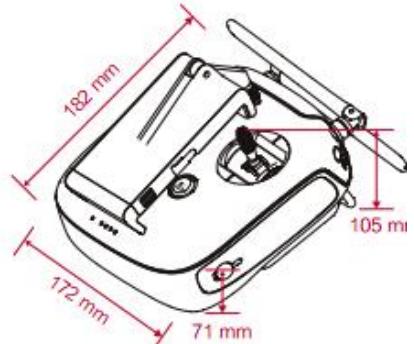
I   Phone/Pad APP

Flight Data	Height 、horizon distance、flight battery power、flight mode、speed、
One-key Function	Takeoff 、land、return to home、follow-me
Special Function	Waypoints, low voltage return 、point flying
Flight Log	Replay、storage
Auxiliary Function	Product instruction、remote control calibration、compass calibration、tutorial video、album reading and sharing

I   Remote Controller

Operating Frequency	2.404-2.480GHz data transmission; 5G receiver image transmission
Effective Transmission Distance	1000m/800m
Operating Temperature	- 10℃~40℃

Battery	2S 6000 mAh
Operating Current/Voltage	500mA/7.4V

l   Aircraft Charger

Voltage/Current	17.4V /3A
Power Rating	60W

l   Remote Controller Charger

Voltage/Current	8V/ 1A
Power Rating	12W

l   Intelligent flight battery

Type	Li-Po 4S
Capacity	6500 mAh
Voltage	15.2V
Energy	98.8Wh
Charging Temperature	0 $^{\circ}$C~45 $^{\circ}$C
Dis-charging Temperature	-10 $^{\circ}$C~60 $^{\circ}$C
Charging/dis-charging Relative Humidity	<80%

Use your GLINT 2.0

Before using GLINT 2.0, please visit the product page on Keyshare official website to view the whole tutorial videos and download *GLINT2 User Manuals*，and read the following files carefully: *GLINT 2.0 Quick Start Guide, GLINT 2.0 Disclaimer Operation and Safety Manual, GLINT 2.0 Smart Battery Safety Instructions* and *List of Articles*.

1. Download GLINT 2.0 APP

Search 'GLINT 2.0 APP' on the APP Store and download the GLINT 2.0 APP to your mobile device.

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App QR code

(iPhone/Android system）

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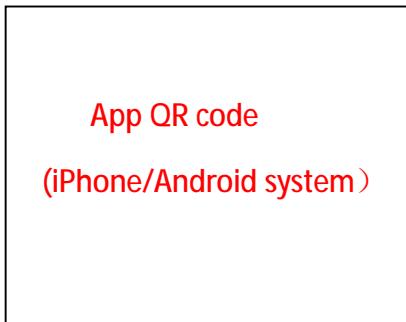
Scan QR code to download for installing.

2. Watch the Tutorial Videos

Watch the Tutorial Videos on *www.key-share.com* or in the GLINT 2.0 APP.

<div style="text-align:center; border:1px solid;">

**QR code**

</div>
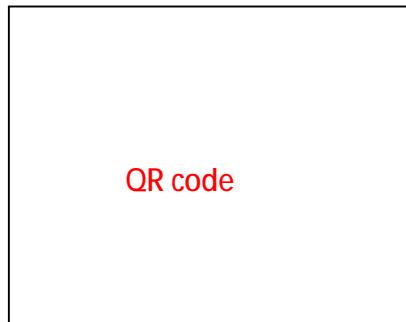
Scan QR code to watch.

3. Check Battery Levels

The battery indicator can be used to display battery power in the process of charging and discharging process. The intelligent flight battery indicator real-time display battery power, and the remote controller battery indicator displays the battery power of remote control.

Keep pressing the power switch of remote controller for 2 second to turn on the remote controller, and check the current battery power of the remote controller. (Repeat this operation can shut down the remote controller).

Short press once and keep pressing the smart power switch of aircraft for 2 second to turn on the flying battery. (Repeat this operation can shut down the intelligent flight battery)

In the power off status, you can short press intelligent flight battery once to check the current battery power via indicator status. Be sure to fully charge both batteries before your first flight.
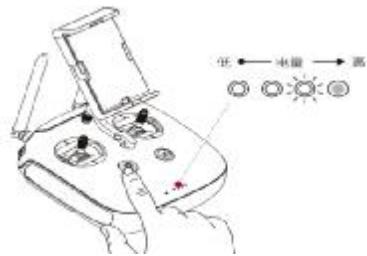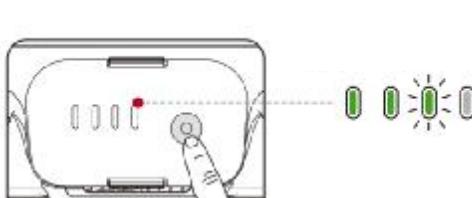

4. Charge the Batteries
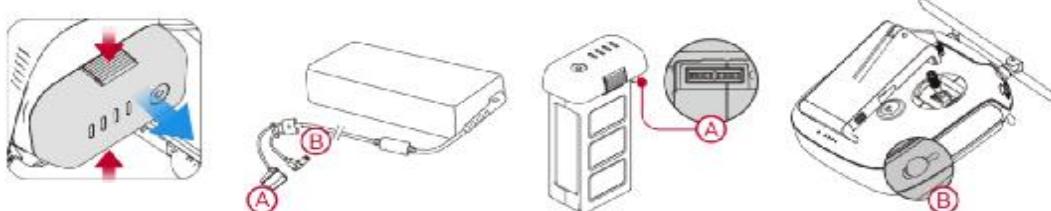
Remove the Intelligent Flight Battery

l   Please use the official charger that provided by Keyshare. Remove the intelligent flight battery from aircraft before charging.

l   Connect the intelligent flight battery charger to the AC power supply (100-240V, 50-60Hz; if required, please use the power adapter). Connect the charger to the remote controller. If the charger LED of remote controller is red, the charger is working.

l   The intelligent flight battery and remote controller can charge under on/off status. It is recommended that you turn off the intelligent flight battery or remote controller before charging.

l   In the charging status, the battery indicator on both the intelligent flight battery and remote controller display the current power.

l   When the battery indicator is off, the battery is fully charged. Please remove the aircraft charger. While the charger LED of remote controller turns to green light from red light, the charging is completed.

5. Prepare the Remote Controller

Install the mobile device holder on remote controller and adjust the position of Antenna. The strength of the remote controller's signal will fluctuate depending on the position of the antennas.
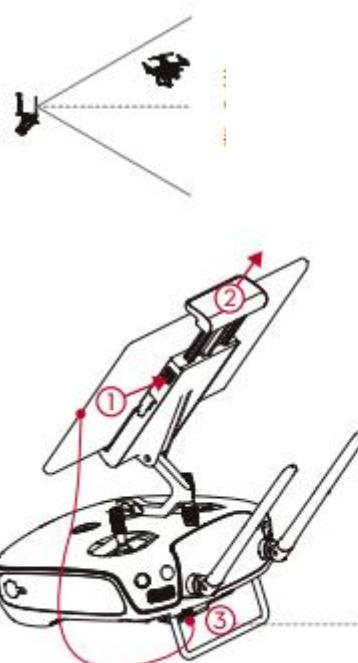
The transmission signal between the aircraft and remote controller will be strongest within the range illustrated here. If the signal is weak, adjust the positions of the antennas and fly the aircraft closer to achieve optimal signal performance.
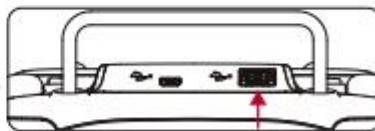
① Install the mobile device holder, and place the mobile device
② Adjust the holder to ensure the mobile device is held securely in place.
③ Connect to Wi-Fi

1. Turn on the remote controller, and turn on the intelligent flight battery, when the remote controller can display the flight battery normally, it indicates that the flight and remote controller connect successfully.

2. Turn on the mobile device with 5G Wi-Fi connection, start the Wi-Fi function of the mobile device, waiting for 30 seconds, and select

GLINT2_×××××× from your Wi-Fi list. Input the default connection password: 12345678.

   3. Start GLINT 2.0 APP, tap "connect" button to enter into the home page. If you can enter into the home page after connection, it means

that the remote control and mobile device connect successfully. Otherwise it means the failure connection.

Warning

Make sure that the aircraft doesn't unlocked to take off before using GLINT 2.0 APP.

   *To avoid signal interference, don't use other 2.4GHz device when flying.

6. Remote Controller Operation Instruction

The default control mode of remote control is "American hand". The left stick controls altitude and rotation, while the right stick controls the

forward、backward、left or right movements. The gimbal dial controls the rotating angle of gimbal.
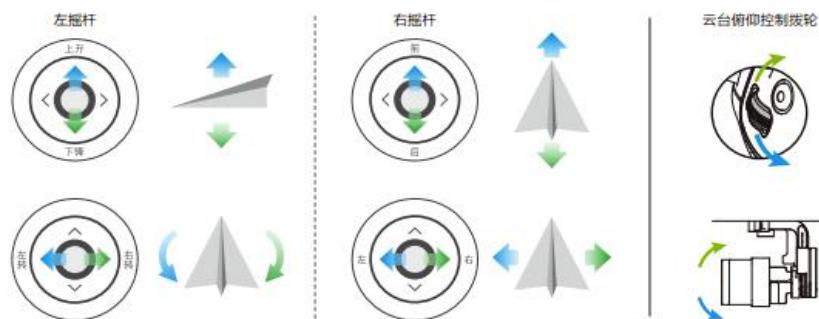
   * For more flight operation, please refer to *GLINT 2.0 User Manual*. You can customize or change these controls through the GLINT 2.0 APP.

7. Getting Ready for Takeoff

Please install the landing gears, gimbal and camera as the picture shown.

Place the aircraft on a flat surface in an open space, with the nose facing away from you.
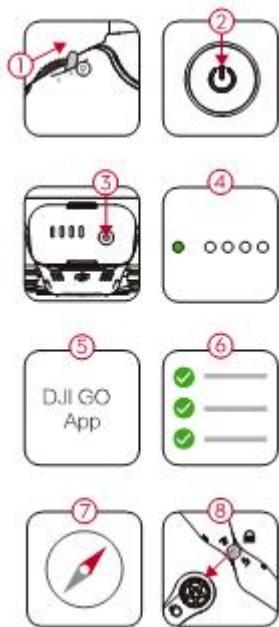
1. Toggle the flight mode switch on your remote controller to the P mode. (P mode is positioning mode; A mode is ALTHold mode, and F mode is function mode).

2. Turn on the remote controller.

3. Turn on the intelligent flight battery.

4. Ensure that the remote controller has connected to the aircraft. (The flight battery indicator on remote controller displays the battery power normally, indicating the connection is successful.)

5. Turn on the mobile device Wi-Fi function, waiting for 30 seconds, and select GLINT2_×××××× from Wi-Fi list. Input the default connection password: 12345678

6. Turn on GLINT 2.0 APP, tap" connect" to enter into the operation page, if it display " connect successfully" on your screen, it means that the remote controller and mobile device connect successfully.

7. Open GLINT 2.0 APP, tap "general setting", and select " calibration" in the list.

8. Select "remote controller calibration" in calibration page, tap " calibrate" to enter into the remote controller calibration.

9. Toggle remote controller stick, and follow on screen instructions within APP to calibrate.

10. Calibrate the compass, toggle S1 from 1 mode to 3 mode, and return back to 1 mode, rapidly continuous toggle 5 times, or enter into the GLINT 2.0 APP's operation page, tap the general setting button, select compass calibration. If the aircraft status indicator blinks green rapidly, it means to start the horizontal calibration of compass. Calibrate the compass as follows:

a) Place the flight on a flat surface, rotate at a slowly speed taking the center of flight as axis, the continuously flashes green turn into intermittent flashes.

b) Place the aircraft nose down and rotate it vertically at a slowly speed, until the flashing of green disappear.

C) Complete calibration, if the aircraft status indicator goes back to normal flying status, it means the compass calibration is successful.

11. Install the propellers. The positive propellers with CW characters should be mounted on positive motors M1 and M2. The opposite propellers with CCW characters should be mounted on counter motors M3 and M4.

Warning

l   Be sure to tighten the propeller manually, and ensure the installation of propellers is correct and tight.

l   Be sure to install the battery on the aircraft correctly and install the Micro-SD card

l   When 8 or more GPS satellites are found, the flight mode will switch to GPS mode, and the user can select one-key takeoff or landing function.

l   When not in P mode, the aircraft will only maintain altitude, not position.

8. Flying

l   One-key Takeoff/Landing

When 8 or more GPS satellites are found, the flight mode will switch to GPS mode, and the user can select one-key takeoff or landing function.

Tap and slide to confirm automatic takeoff. The aircraft will automatically takeoff and hover at 1.2 meters.

Tap and slide to confirm automatic landing. The aircraft will automatically land and stop the motor.

l   Manual Takeoff/Landing

Takeoff

Start motor by pushing both control sticks to the inside (or outside left or right) corners. Release the sticks once the

motors start. Push the throttle stick (default American Hand) up over midpoint to takeoff.
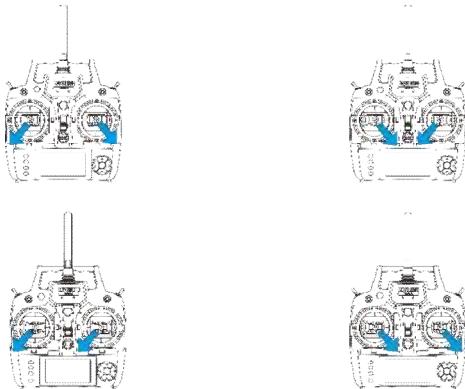
Landing

Pull the throttle stick down until the aircraft touches the ground. There are two ways to stop the motor.

First, after landing, the motors of aircraft are in idle status, if no operation within 3 second, the motors will automatically lock.

Second, after landing, the motor will stop immediately if you execute Combination Stick Command.

Warning

l   During flight, don't performance Combination Stick Command unless in emergency situations, otherwise the aircraft will crash.

l   You can't takeoff if the critical low voltage warning is active.

l   Once spinning, the rotating propellers can be dangerous. Do not start the motors when there are people nearby and always fly in a wide-open area.

l   Power off the aircraft before switching off the remote controller after landing.

l   Return to Home Function

One Key to Return

Press and hold the Return to Home Button on remote controller or the key in GLINT 2.0 APP interface, the aircraft will automatically return. If you use the key on remote controller, you can long press the key again to stop the return action. While using APP to return, you should use S1 function mode switch to change the mode for terminating the return action.

Low Voltage Return to Home

The GLINT 2.0 APP will warn you to performance the return action if the intelligent flight battery level falls under a certain level.

Failsafe

If the signal to the remote control is lost, the Flight control system will automatically control the aircraft to land or return.

FCC Caution：

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.

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.