

- 7.1/4 inch screw thread

2.Status indicator light

6. 18350 Li-ion battery

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4.Joystick

1.Smartphone mount

3.Power button

5.Micro USB port

- Packing List

Camera protection sticker

for pan axis motor

Stabilizing gimbal

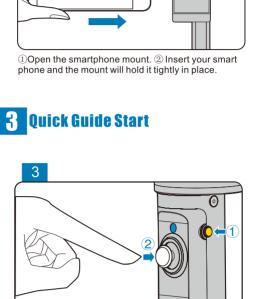
18350 Li-ion battery

charger

Counterweight

Micro USB cable 1 18350 Li-ion battery 2 User Manual 1 **Quick Guide Start** 1

Unscrew the battery cover, load two 18350 batteries and then screw and tighten the battery cover. Note: Ensure that the battery cover is fully tightened or else the gimbal may not power on.



1) Press the power button to turn on the gimbal 2) Press and hold on the joystick for more than one second, the gimbal start to work.(Single or double press the Joystick to selects the different modes as required. See section 5)

> Power remaining Flashes 4 times

Flashes 3 times

Flashes 2 times Flashes quickly

75%-100%

50%-75% 25%-50%

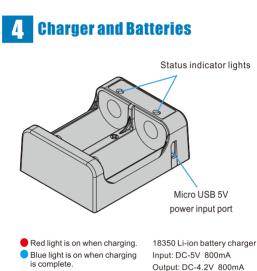
0%-25%

Output: DC-4.2V 800mA

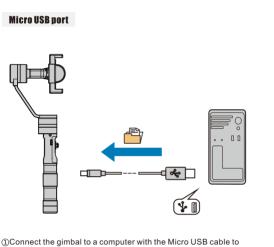
18350 Li-ion battery



Power indicator light



Capacity: 900mAh Voltage: 3.7V



upgrade the firmware or to use the online calibration program.

②Connect a remote control to operate the gimbal.

Note: The Micro USB port cannot be used for charging the batteries.

Interfaces and Buttons Descriptions



Mode switch: Pan following mode is default mode, single press the Joystick to switch Pan following mode and Locking mode. Double press the Joystick to enter Pan and pitch following mode. In this mode, single press the Joystick again to go back to previous

Pan following mode(default): Pan axis(rotation left and right) follows the movement of the gimbal, while the camera remains locked in tilt (up and down) and roll (level) to remain upright. In

Locking mode: All three axes(pan, tilt and roll) are locked and the gimbal faces in one direction only. In this mode, move the Joystick UP/DOWNto adjust tilt angle. Move the Joystick LEFT/RIGHT to adjust pan angle.

Pan and tilt following mode: Roll axis is locked, tilt and pan axis rotate to follow the movement of the gimbal. In this mode, move

Upside down mode: 1. Make roll axis rotation 180 degrees and

tilt angle

this mode, move the Joystick UP/DOWNto adjust

the Joystick LEFT/RIGHT to adjust roll angle.

mode.

Item

Input voltage

Operating current Camera charging voltage

Camera charging current

Static attitude tracking error

Dynamic attitude tracking error

Pitch axis mechanical movement range

Pan axis mechanical movement range

Pan axis mechanical movement range

Initialization

Pitch axis following rate

Pan axis following rate

Operating temperature

Battery life Gimbal weight

observed:

Move

Move the Joystick the light remains of

Move the Joystick down f until the light flashes once

Place the gimbal as shown above. When successful, the light will flash 2 times regularly.

up for on

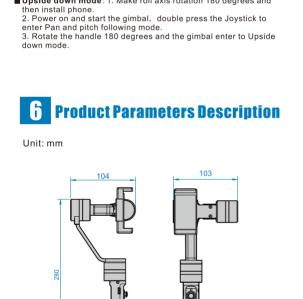
for

Note: Please pay special attention to the smartphone mount's orientation.

slightly from a level position.

slightly from a level position.

Interfaces and Buttons Descriptions



Technical Parameters

6. 8V

50mA

4. 5V

±0.01

±0.05

-185°

-40°

-160

-45

-20°C

/\$

Minimum Standard Maximum

80mA

4. 9V

800mA

±0.

25°C

12.60

3000mA

5. 1V

±0.04

±0.3

+130°

+40°

+160

+45

50°C

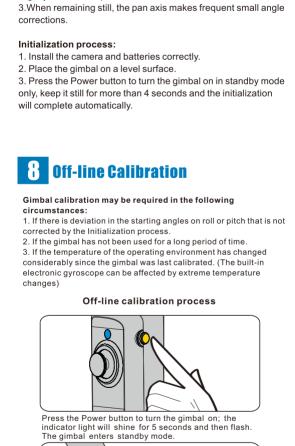
80°

Note

Vertical

Vertical

Horizonta



more than one second until

or more than one second regularly.

Place the gimbal as shown abo When successful, the light will fl 3 times regularly.

Place the gimbal as shown above. When successful, the light will remain bright for 5 seconds and reenter standby mode. Calibration is then complete.

Initialization may be required if the following behavior is

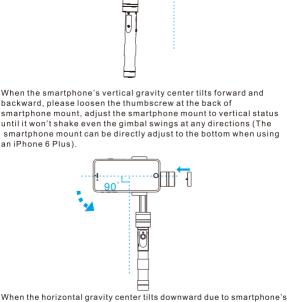
1. After the gimbal starts, the pitch angle of the camera deviates

2. After the gimbal starts, the roll angle of the camera deviates

Place the gimbal as shown above. When successful, the light will flash 4 times regularly. Place the gimbal as shown above. When successful, the light will flash 5 times regularly.

Place the gimbal as shown above. When successful, the light will flash

6 times regularly.



overweight, please mount the counterweight onto the tilt axis so that the smartphone keeps level, as thus the gimbal can work normally (the counterweight must be mounted with the size of iPhone 6 Plus and above or the gimbal cannot work normally).

Adjusting the gravity center makes the gimbal works more efficiently. When the gravity center is not in balance, the gimbal still works, but the motors consume excessive power and, meanwhile, the motors' torque for stabilizing will be lessened.

Warning and Disclaimer To ensure proper use of the battery please read the manual

Do not put the battery in a charger or equipment with wrong

Adjustment of Gravity Center

 Avoid shorting the battery
Avoid excessive physical shock or vibration. ● Do not disassemble or deform the battery. ● Do not immerse in water. ● Do not use the battery mixed with other different make, type, or model batteries. Keep out of the reach of children. Charge and discharge Battery must be charged in appropriate charger only. ●Never use a modified or damaged charger.

Store the battery in a cool, dry and well-ventilated area.

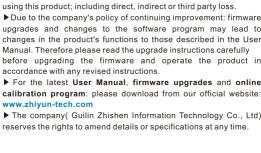
▶ Any illegal use of this product is forbidden. Users are responsible for using this product correctly and in accordance with t instructions provided: either in the manual or any online revisions. The company is not responsible for any damage caused while

and operate the product

Do not leave battery in charger over 24 hours

carefully before using it. Handling Do not expose to, dispose of the battery in fire.

terminals connected.



storage

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