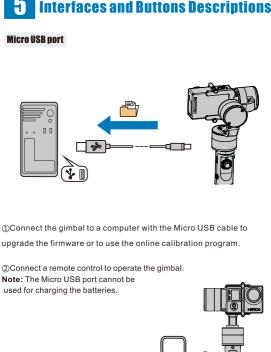


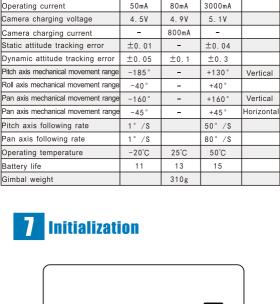
Output: DC-4.2V 800mA

18650 Li-ion battery Capacity: 2000mAh Voltage: 3.7V



Power indicator light

Interfaces and Buttons Descriptions



Technical Parameters

6.8V

Minimum Standard Maximum

12.6V

Note



Place the gimbal as shown above. Wh

successful, the light will flash twice

regularly.

- Place the gimbal as shown above Place the gimbal as shown above When successful, the light will flash 4 When successful, the light will flash 5 times regularly. times regularly.
- Place the gimbal as shown above. Place the gimbal as shown above uccessful, the light will flash 6 tim When successful, the light will remain regularly. bright for 5 seconds and re-enter standby mode. Calibration is then **Warning and Disclaimer** of the To ensure proper use battery please read the manual carefully before using it. Handling Do not expose to, dispose of the battery in fire.
 Do not put the battery in a charger or equipment with wrong terminals connected.
 - Avoid shorting the battery Avoid excessive physical shock or vibration. Do not disassemble or deform the battery. ●Do not immerse in water. 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. ●Do not leave battery in charger over 24 hours. storage Store the battery in a cool, dry and well-ventilated area. ▶ Any illegal use of this product is forbidden. Users are responsible
 - ▶ Due to the company's policy of continuing improvement: firmware upgrades and changes to the software program may lead to changes in the product's functions to those described in the User Manual. Therefore please read the upgrade instructions carefully the firmware and operate upgrading w.zhiyun-tech.com

- Slide the camera fully into the mount until it is tight against Note: 1. To avoid damage the gimbal; Do not start it with no camera installed.

 2. The camera must be fully against the pitch motor or else the gimbal may produce vibration. Attach the camera retaining bracket to the camera mount with two camera bracket bolts. Then tighten the top and bottom bolts until the camera is held securely.
 - Micro USB 5V power input port 18650 Li-ion battery charge Blue light is on when charging is complete. Input: DC-5V 800mA

 Press the power button to turn on the gimbal. 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)

Charger and Batteries

Status indicator lights

Interfaces and Buttons Descriptions Joystick

Mode switch: Pan follow 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. 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 pitch (up and down) and roll (level) to remain upright. In this mode, move the Joystick up/ down to adjust pitch angle.

Locking mode: All three axes (pan, pitch and roll) are locked and the gimbal faces in one direction only. In this mode, move Joystick up/ down to adjust pitch angle. Mo Joystick left or right to adjust pan angle.

Pan and pitch following mode: Roll axis is locked, pitch and pan axis rotate to follow the movement of the gimbal. this mode, move Joystick left/ right to adjust roll angle.

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

2. Power on and start the gimbal, double press the Joystick to enter Pan and pitch following mode.

3. Rotate the handle 180 degrees and the gimbal enter to Upside

down mode.

pitch

Power remaining 75<mark>%-</mark>100% Flashes 4 times Flashes 3 times 50%-75% Flashes 2 times 25%-50% Flashes quickly 0%-25% Camera charging port and 3.5mm video output port 冲 AV data

Video output & charging cable

+5V ID

Charging camera: when you want to charge GoPro camera, please power on the gimbal and plug camera charging cable into the bottom port of pitch motor and the USB port of the camera to charge the camera,

Video output: when you want to connect analogue monitor to watch real-time image, please power on the gimbal and plug video output & charging cable into corresponding port separately, Connect 3.5mm video output port and analogue monitor port via 3.5mm Video output

Product Parameters Description

GND AV

as indicated by above figure.

cable(this cable isn't our product).

Unit: mm

Item Input voltage

Camera charging cable

GND NC

Roll axis mechanical movement range Pan axis mechanical movement range Pan axis mechanical movement range Pitch axis following rate Pan axis following rate Operating temperature Battery life Gimbal weight

Initialization may be required if the following

deviates slightly from a level position.

deviates slightly from a level position.

1. Install the camera and batteries correctly. 2. Place the gimbal on a level surface.

Off-line Calibration

Gimbal calibration may be required in the following

1. If there is deviation in the starting angles on roll or pitch that is not corrected by the Initialization process.

2. If the gimbal has not been used for a long period of time.

3. If the temperature of the operating environment has changed considerably since the gimbal was last calibrated. (The built-in electronic gyroscope can be affected by extreme temperature

Off-line calibration process

3. Press the Power button to turn the gimbal on in standby mode only, keep it still for more than 10 seconds and the initialization will complete automatically.

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

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

3. When remaining still, the pan axis makes frequent

behavior is observed:

small angle corrections.

Initialization process:

circumstances:

changes)

Maximum size of camera supported Height: 42.7mm width: 31mm

Press the Power button to turn the gimbal on; the indicator light will shine for 5 seconds and then flash. The gimbal enters standby mode. re than one second until Move the Joystick down for more thuntil the light flashes once regularly. than one second

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

Place the gimbal as shown above. When

successful, the light will flash 3 times

regularly.

- 100)
- For the latest User Manual, firmware upgrades and online calibration program: please download from our official website: ▶ The company(Guilin Zhishen Information Technology Co., Ltd)
 - Web:www.zhiyun-tech.com

- for using this product correctly and in accordance with the instructions provided: either in the manual or any online revisions. ▶ The company is not responsible for any damage caused while using this product; including direct, indirect or third party loss. accordance with any revised instructions.
 - reserves the rights to amend details or specifications at any time. Tel: 400-002-8115 / (0) 773-2320856 E-mail: service@zhiyun-tech.com Address: Creative Industrial Park, GuiMo Road, QiXing District, Guilin 541004, Guangxi, China.

- Warranty Card Contact Card 1 User Manual 1 **Quick Guide Start**
- 1. Camera retaining bracket Camera bracket bolt 3. Camera (not included) 4. Camera charging port 5. Micro USB port 6. 3.5mm video output port 7. Power indicator light 8. Power button 9. Joystick 10. 18650 Li-ion battery 11. Battery extension tube 12. 1/4 inch screw thread **Packing List**