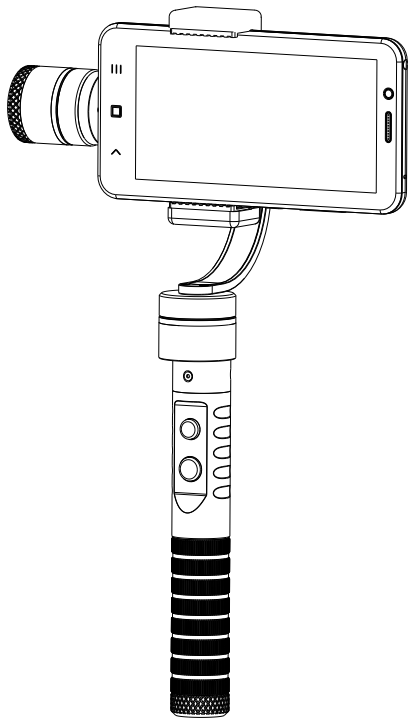




V2手持电动云台

Enjoy the View 乐享美景航拍

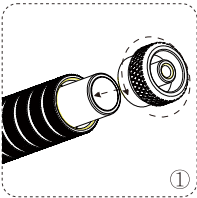
使用说明书



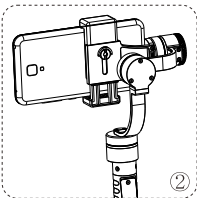
欢迎您选择航景产品，请在使用前仔细阅读本说明书。

中山市航景电子科技有限公司
地址：广东省中山市坦洲镇永二村祯祥新街106号
电话：0760-8628 3558 传真：0760-8628 3258
邮箱：admin@afiuav.com http://www.afiuav.com

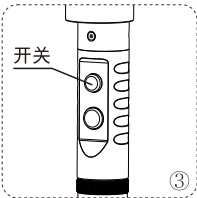
1. 新手入门指南



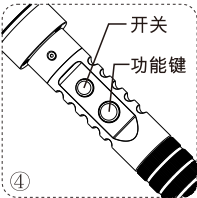
装入电池（如图1）：
拧开电源盖，加入2节18350电池。



安装手机（如图2）：
将手机装入手机夹，按以下步骤调节手机，使手机保持水平及俯仰平衡。
1. 拧松手机夹背后的螺丝，可通过调整手机上下高度，使手机达到俯仰平衡状态；
2. 通过调整手机左右位置，使手机达到左右平衡状态；
3. 对于较重的手机，需在俯仰电机侧安装配重块才能保持左右平衡；



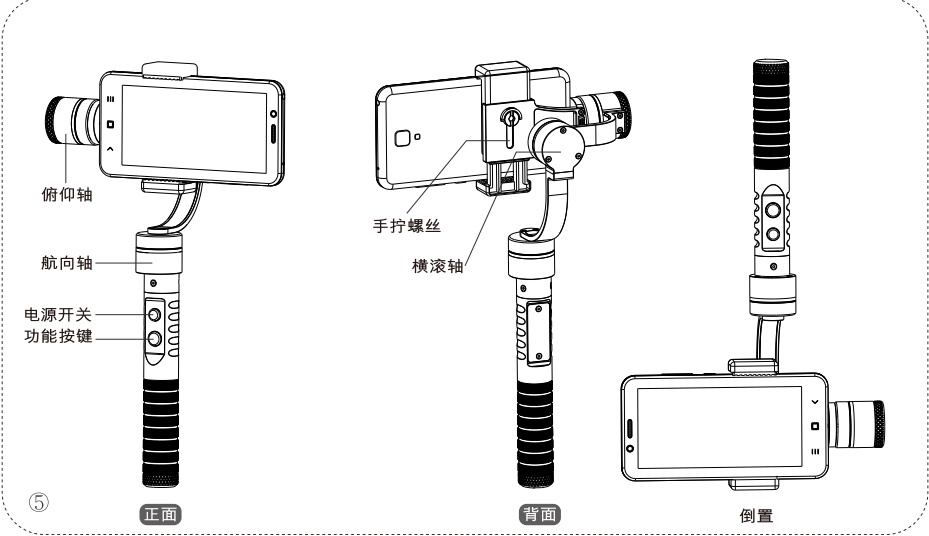
开机（如图3）：
确保手机已安装稳固且能基本保持平衡情况下，按下电源开关，5秒内设备完成启动。
如启动出现异常请检查电池是否已充满电或重新开机。



切换模式（如图4）：
在使用过程中，您可以通过功能按键对手持云台进行工作模式或其它功能的切换。

关于云台工作模式，请参见工作模式介绍。

2. 产品外观介绍（如图5）

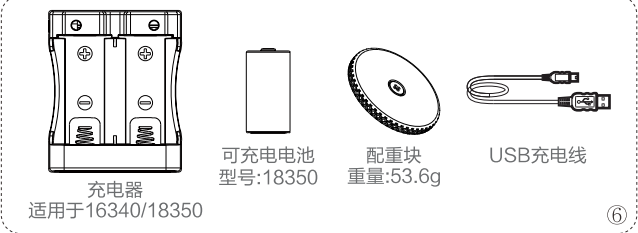


3. 工作模式介绍

半跟随模式：俯仰和横滚锁定，航向随着手持的动作平滑转动。
全锁定模式：俯仰、航向、横滚都锁定。
全跟随模式：横滚锁定，航向和俯仰的方向随着手持的动作平滑转动。
倒置模式：稳定器倒置握拿，航向与俯仰随着手持的动作平滑转动。

俯仰轴扳动锁定：
启动锁定模式后即可扳动俯仰轴，扳动到指定角度后停留半秒就可以锁定当前角度。

4. 产品的标配（如图6）



输入：DC5V Min 800mA
充电操作：USB数据线的USB Min端连接充电器端口，另一USB端连接+5V输出的电源适配器，例如手机充电器等。

5. 功能按钮操作说明（如图7）

功能键每单按一次完成一次模式切换，模式定义如下：
模式1--半跟随模式：YAW轴跟随、PITCH/ROLL轴自稳
模式2--全锁定模式：横滚、俯仰、航向全锁定，PITCH可扳动锁定
模式3--全跟随模式：YAW轴、PITCH轴跟随、ROLL自稳，为开机默认模式

注意：倒置模式无需切换，在全跟随模式下倒置拿置稳定器即可，倒置拿握后可切换到其它模式。



6. 指示灯功能说明

指示灯用于指示当前工作模式：
模式1--半跟随模式：灯闪1次，熄灭，以此循环
模式2--全锁定模式：灯闪2次，熄灭，以此循环
模式3--全跟随模式：灯闪3次，熄灭，以此循环
注：当电量不足时指示灯连续快闪，需停止云台工作立即充电

7. 产品参数

项目	最小	标准	最大	备注
俯仰角动作范围	-160度(向下)	0(水平)	+160度(向上)	垂直手持
横滚角动作范围	-50度	0(水平)	+50度	垂直手持
航向角动作范围	-160度(向左)	0(水平)	+160度(向右)	垂直手持
航向角动作范围	-50度(向左)	0	+50度(向右)	水平手持
俯仰随动速率		30度/秒		匀速跟随
航向随动速率		120度/秒		
静止姿态跟随精度	0.01度			云台静止
运动姿态跟随精度	0.02度			
电机过载保护电流	1A			
重量	350g			不含电池和相机
支持手机	3.5~5.5寸智能手机			

8. 注意事项

- ▶ 请按照结构示意图正确组装云台
- ▶ 可充电电池请使用标准充电器充电
- ▶ 云台组装完成后请务必安装上相机再上电启动云台

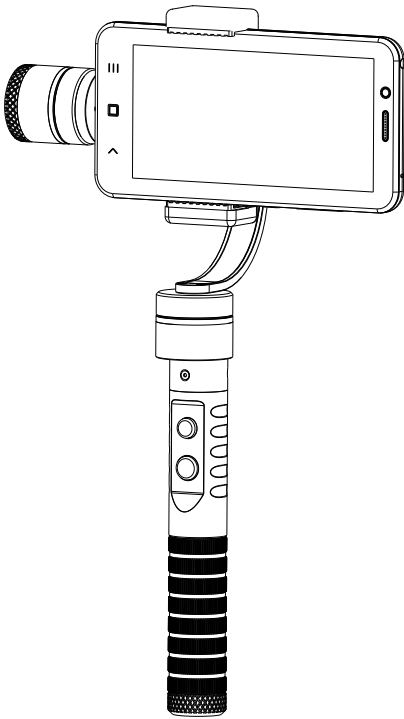
警告和免责声明

- ▶ 航景手持云台是一款优秀的视频拍摄稳定器，轻巧便携
- ▶ 禁止任何用户的任何非法用途，用户将为购买和使用产品的一切行为负责
- ▶ 对于本产品，本公司不承担终端用户对本产品所有调试和使用当中的风险和责任（包括直接、间接或者第三方的损失）。
- ▶ 我公司对于任何从非正常渠道获得或不明用途的产品，将不予任何服务。
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USER’S MANUAL

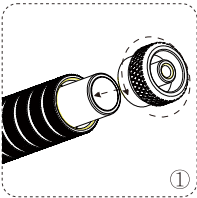
V2 Hand-held Electric Gimbal



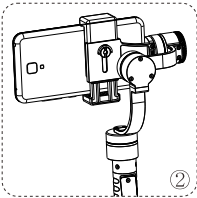
Thank you for choosing AFI, Please read this manual sheet before using.

Aeroview Electronic Technology Co.,Ltd
Add:No.106 Zhenxiang Street,Yonger Village,Tanzhou.Town,
Zhongshan City Guangdong Province.
Tel:+86 760 86283558 Fax:+86 760 86283258
E-mail:admin@afiuav.com http://www.afiuav.com

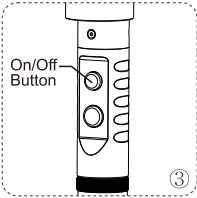
1. Beginner Guide



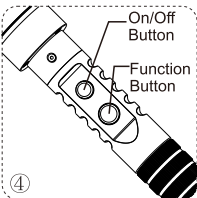
Battery Installation (Illustration 1)
Unscrew the battery back cap, install two batteries (model:18350) into the handle



Smart-phone Installation (Illustration 2)
Install smart-phone to holder and adjust the phone according to following steps to keep phone horizontal and pitching balanced.
1. Loosen the screw on the back of phone holder to adjust phone height and keep phone pitching balanced.
2. Adjust phone to keep left-right balanced.
3. For heavy phones, needs to install counterweight to the side of pitch motor to keep left-right balanced.



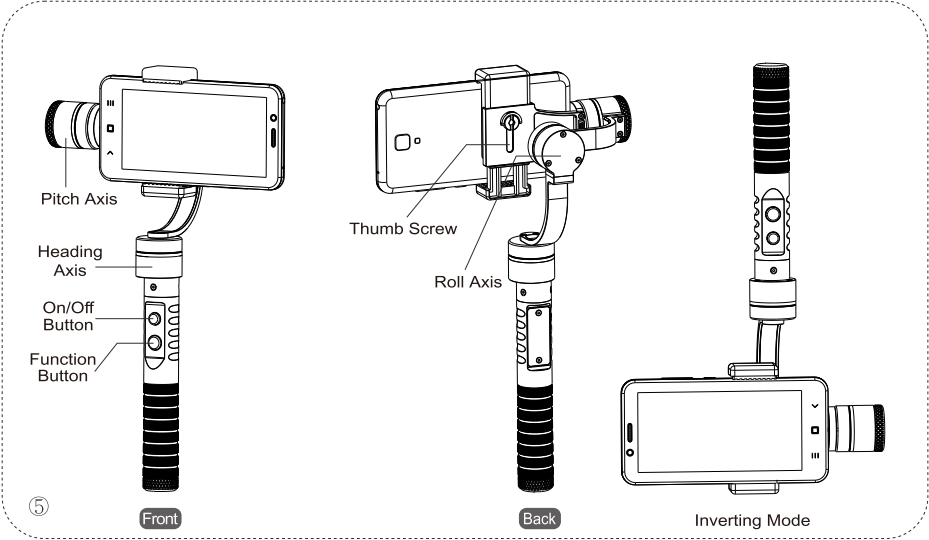
Power On (Illustration 3)
Keep the Gimbal upright and balanced, then press the power button to power on the Gimbal. Gimbal will be powered on in 5 seconds. Restart the Gimbal if it doesn't work properly



Mode Switching (Illustration 4)
When the Gimbal is working, you can press the function button to switch working modes

Please refer to the instructions below for more details of working modes

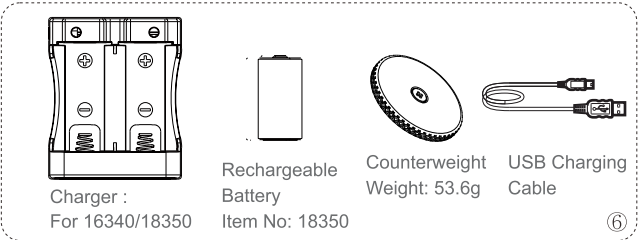
2. Gimbal Outlook (Illustration 5)



3. Working Modes Introduction

Semi-following Mode: Pitch and Roll locking, Heading will rotate smoothly with the direction of hand-held
All Locking Mode: Heading, Pitch and Roll all locking
All Following Mode: Roll locking, Heading and Pitch will rotate smoothly with the direction of hand-held
Inverting Mode: Hold the Gimbal upside down, Heading and Pitch will rotate smoothly with the direction of hand-held Pitch axis Locking
The Pitch axis can be adjusted under the pitch locking mode. Hand-pull the camera till the desired angle and stay for 0.5 second till the current angle is locked

4. Standard and Optional Accessories (Illustration 6)

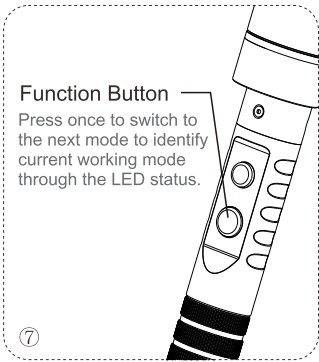


Input Current: DC 5V Min 800mA
Battery Charging:
Plug the Min terminal of the USB cable into the interface of the charger, and plug the other USB terminal into +5V power adapter, such as phone chargers

5. Mode Button Operation Function (Illustration 7)

Press once to complete a mode switch, Mode definition as below:
Mode 1---Semi-following Mode: Heading following, Pitch and Roll keeping balanced automatically
Mode2--- All Locking Mode: Pitch, Heading and Roll all locking (Pitch can be locked by hand-pull)
Mode3---All following Mode: Heading and Pitch following, Roll keeping balanced automatically (Default mode for power on)

Note: Inverting Mode: No need to switch, invert the Gimbal to enter into inverting mode automatically. After inverted it can switch to other modes



6. LED Function Instruction

The LED is used to identify current working mode
Mode1- Semi-following mode: Lights flashes once and then light off, in this way to loop.
Mode2- All locking mode: Lights flashes twice then light off, in this way to loop.
Mode3- All following mode: Lights flashes three times then light off, in this way to loop.

Note: When in a low-battery, the indicator light flashes continuously, Please turn off the Gimbal and charge immediately

7. Product Parameters

Article	Min.	Standard	Max.	Remarks
Pitch Angle	-160 ° (down)	0 (Horizontal)	+160° (up)	Vertical Hand-held
Roll Angle	-50 °	0 (Horizontal)	+50°	Vertical Hand-held
Heading Angle	-160 ° (left)	0 (Horizontal)	+160° (right)	Vertical Hand-held
Heading Angle	-50 ° (left)	0	+50° (right)	Horizontal Hand-held
Pitch Following Rate		30° /s		Follow in the uniform speed
Heading Following Rate		120° /s		
Static Attitude Tracking Accuracy	0.01°			Gimbal in static mode
Motion Attitude Tracking Accuracy	0.02°			
Overload Current Protection	1A			
Weight	350g			Battery and camera excluded
Support Phones	3.5-5.5 inches smart-phone			

8. Attention

- ▶Please assemble the Gimbal according to the diagram
- ▶Please charge the battery with the standard configuration charger
- ▶Please install the camera before power on the Gimbal

Warning & Disclaimer

- ▶AFI hand-held is a wonderful hand-held stabilizer for video footage. It's lightweight and portable.
- ▶It is prohibited for any user with any illegal purpose. The user will be responsible for all behavior of purchase and use the product.
- ▶Aeroview will not be responsible for any damage or liability by the use of this product during calibration and operation (including the loss directly or by the third party).
- ▶Aeroview will not be responsible for the product from unknown sources and usage purpose.
- ▶AFI reserves the right to amend the user manual and the terms & conditions of using the Gimbal at any time.