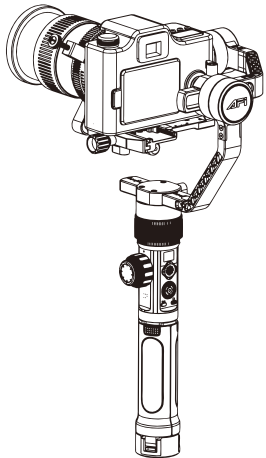




D3单反手持稳定器

使用说明书



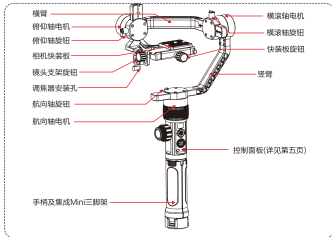
欢迎您选择航景产品，请在使用前仔细阅读本说明书。

航景（AFI）保留更改产品设计与规格的权利。产品（包括但不限于尺寸、颜色）请以实物为准。如有疑问，请咨询航景（AFI）客户咨询热线。

产品清单

稳定器主体*1
18650电池*4
Mini to Micro控制线*1
Micro to Micro控制线*1
USB数据线/充电线*1
18650锂电池充电器*1
使用说明书*1

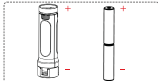
认识稳定器



产品参数

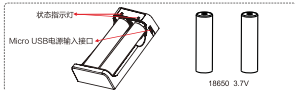
充电时间: 3h
续航时间: 6-12h
承重范围: 500g-3.2kg
俯仰轴机械动作范围: 320°
横滚轴机械动作范围: 360°
航向轴机械动作范围: 360°
产品重量(含电池):1540g (不含电池):1440g
包装尺寸: 520*145*260mm
电池: 18650 3.7V

电池安装及使用说明

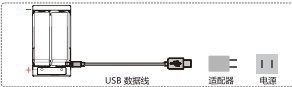


锂电池正极朝上，负极安装在电池仓的弹簧上，即正确安装完毕。

充电器介绍



充电步骤



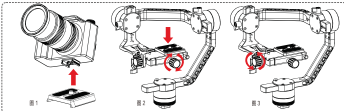
将电池对应正负极正确地装入充电器中；使用Micro USB线将充电器与适配器连接，适配器插入到电源插座中开始充电。

由于充电器本身差异，供电不足的情况下（比如电流小于1000mA）以致使用电池不能同时充电，建议使用更大电流的适配器；

注意：无法通过稳定器机身USB接口对电池进行充电。

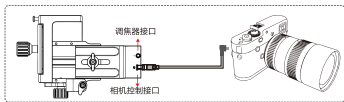
相机安装

- 1.把快装板固定在相机底部(图1)
- 2.把带有相机的快装板从承载板上直接放下（图2），锁紧快装板锁紧按钮
- 3.拧松镜头支架的旋钮（图3），调整镜头支架使其能够托住镜头，确保镜头的稳定。



切记在没装好相机之前，请勿开启稳定器，以及在开启稳定器之时，请勿用手轻扶相机，以防可能出现的不稳定现象造成相机晃动。

相机数据线的连接

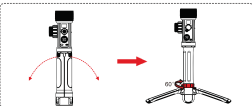


将Micro USB插头插入俯仰轴力臂的底部相机控制接口，再将数据线的插头插入相机对应的接口中。

注意：相机数据线请勿插入调焦器接口，以免造成设备损坏。

请在稳定器关机的状态下连接控制线，以免可能造成稳定器故障。

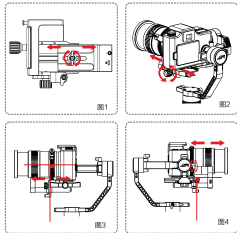
三脚架的使用



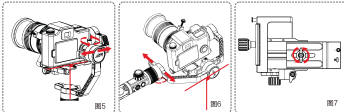
展开脚架支架后，向左旋转脚架定位旋钮60度可固定脚架支架；向右旋转脚架定位旋钮60度可收拢脚架支架。

调节平衡

请按照手册说明调节平衡，否则可能出现稳定器无法启动或者使用时无法达到最佳状态影响电池使用时长。



- 1.拧松旋钮，滑动云台滑动面板，以便云台面板能够装上相机，拧紧旋钮(图1)。
- 2.拧松快装板的锁紧按钮，把固定有相机的快装板从快装板底座上方放入快装板底座，稍微拧紧一下快装板锁紧按钮，但即使快装板能够前后滑动(图2)。
- 3.用手扶住横滚轴力臂，推动相机前后移动，直到相机镜头静止时候能够接近于与地面水平的状态，拧紧快装板锁紧按钮(图3)。
- 4.拧松俯仰轴锁紧按钮，移动相机位置，直到相机镜头静止时候能够接近于与地面垂直，拧紧俯仰轴锁紧按钮(图4)。



横轴调节

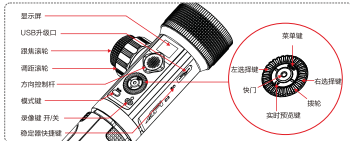
拧松横滚轴锁紧按钮，移动调节横滚轴力臂（图5），使其静止时候能够与地面接近水平状态后，拧紧横滚轴锁紧按钮。

航向轴水平调节

拧松航向轴力臂锁紧按钮，然后移动航向轴力臂，使其静止时候能够与地面接近水平状态后，拧紧航向轴力臂锁紧按钮(图6)。

如果安装的相机无法调节到平衡，可以配合调节（图7）处旋钮尝试达到平衡。

控制面板



LED显示屏：显示稳定器状态信息以及相机参数

USB升级口：稳定器参数调节或固件升级

跟焦滚轮：调整相机镜头对焦情况（需相机支持）

调距滚轮：结合调距配件（选购）实现推远拉近相机镜头

方向控制杆：相机上下左右四个方向的转动的控制

模式键：单击按键后，跟随模式、半跟随模式、全锁定模式切换

录像键/稳定器电源键：长按5秒 开/关机，短按 开始/停止 录像

快门键：按一下 稳定器快速返回水平位置，按两下 稳定器航向 0/180度旋转云台，按三下横滚跟随模式，按四下延时拍摄，按五下自动校准。

延迟拍摄说明：在任意模式下把相机移动到横滚点位置时连按四次按键，然后在10秒钟之内将相机移动到初始位置即可，延时时间默认为30分钟，在拍摄过程中如需中断任务需再次启动此功能重置后重新拍摄。

菜单键：进入或退出菜单界面

左选择键：返回上一界面

右选择键：确认选中当前项 或 进入/退出 修改当前项

快门键：半按下激活相机自动对焦，全按下拍摄照片

滚轮：选择 上/下一选项 或 上/下一参数值

实时预览键：进入/退出实时预览模式

显示屏介绍

BAT 为稳定器电量

Camera 为相机设置项

Gimbal 为稳定器设置项

连接蓝牙

打开稳定器蓝牙，“菜单” — “Gimbal” — “BLT” — “确定” — 旋转滚轮

— “On” — “确定”。打开稳定器蓝牙后，手机打开APP后搜索AFI-D3连接

即可使用。APP请登陆航景官方网下载。

相机控制说明

适用相机：佳能 索尼

相机品牌	佳能	索尼
拍照	✓	✗
录像	✓	✓
实时预览	✓	✗
光圈调节	✓	✓
快门调节	✓	✓
ISO调节	✓	✓
曝光补偿	✓	✓
变焦	✓	✓
对焦	✓	✓

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用户应了解并执行包括但不限于本安全操作指引。

警告和免责声明

感谢您购买本产品，在使用本产品之前，请仔细阅读本手册以确保对产品进行正确的设置与操作。不遵循和按照本文说明与警告来操作可能会给您和周围的人带来伤害，损坏本产品或其它周围产品。本手册及产品所有有关的文档编辑解释权归中山市航景电子科技有限公司所有。如有更新，恕不另行通知。

FCC警告

本设备符合FCC规则的第15部分。操作受以下两项限制条件：（1）此设备不会产生有害干扰。（2）此设备必须接受收到的任何干扰，包括可能导致意外操作干扰。未经合规范方明确批准的任任何更改或修改可能会使用户无权操作设备。

注意：本设备已经过测试，符合B类限制数字设备，符合FCC规则第15部分。这些限制旨在对住宅安装中的有害干扰提供合理的保护。此设备会生成、使用并可能辐射射频能量，如果没有按照说明来安装和使用，可能会对无线电通信造成有害干扰。但是，无法确保在特定安装中不会发生干扰。

如果通过关闭和打开设备，确定此设备确实对无线电或电视接收造成有害干扰，请用户尝试通过以下一种或多项措施纠正干扰：

— 重新调整或屏蔽接收天线。

— 增加设备和接收器之间的距离。

— 将设备连接到不同与接收器电源的插座上。

— 咨询经销商或有经验的无线电/电视技术人员以寻求帮助。

为了保持符合FCC的RFI排放标准，该设备应该在安装和操作时，使用距离满足要求，并只使用提供的天线。



AFI 官网

中山市劲捷摄影器材有限公司

地址：广东省中山市坦洲镇永二村横祥新街108号

电话：0760-8628 3558

传真：0760-8628 3258

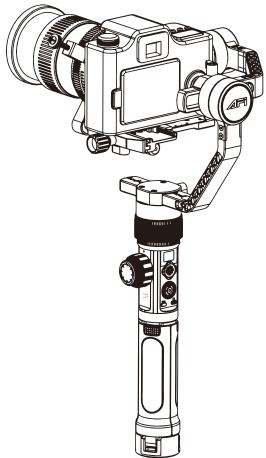
邮箱：afi-gimbal@cnkingjoy.com

网站：www.afiuav.com



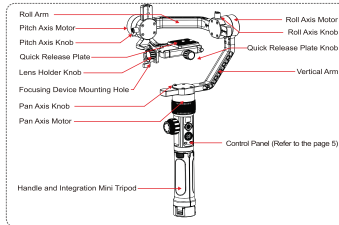
D3 Hand-held Gimbal for Cameras

USER'S MANUAL



Packing List
Stabilizer *1
18650 Batteries *4
Mini to Micro Control Cable *1
Micro to Micro Control Cable *1
USB Cable/Charging Cable *1
18650*2 Li-ion Batteries Charger *1
Manual*1

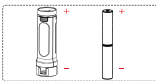
Stabilizer Instruction



Product Parameter

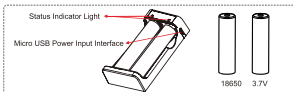
Charging Time: 3h
Operation Time: 6-12h
Payload: 500g-3.2kg
Pitch Axis Range: 320°
Roll Axis Range: 360°
Pan Axis Range: 360°
Weight (battery included): 1540g (No battery): 1440g
Packing Size: 520*145*260mm
Battery Model: 18650 3.7V

Battery Installation and Instruction



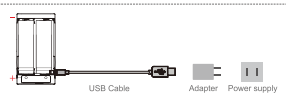
The Li-ion battery positive pole upward, and the negative against the spring of the end cover, then the installation is completed.

Charger Instruction



Thank you for choosing AFI. Please read this manual sheet before using.
AFI reserves the right to change product design and specifications, the real object should be considered as final. If you have any questions, please contact our customer enquiry hotline.

Charging Operation



Correctly put the battery into the charger. Connect the charger to the adapter by the Micro USB cable, then plug the adaptor into the power socket to start charging.

Due to the difference of the charger, when the power supply is insufficient (For example, the current is less than 1000mA), the batteries can not be charged at the same time, and it is recommended to use a larger current adaptor.

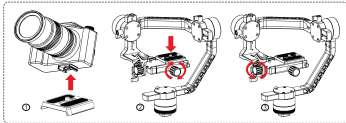
Attention: The battery can not be charged through the USB interface of the Gimbal.

Camera Installation

Mount the quick release plate to the bottom of the camera (Instruction 1).

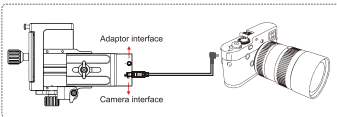
Install the quick release plate with the camera to the loading plate, lock the quick release plate locking knob (Instruction 2).

Loosen the lens holder knob, adjust the lens holder so that it can hold the lens, to make sure the lens keep steady.



Do not turn on the stabilizer unless the camera is properly mounted.
And while power on the stabilizer, please slightly hold the camera with your hand to prevent severe shaking of the camera due to the malfunction of stabilizer.

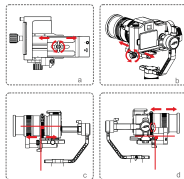
Camera Cable Connection



Plug the Micro USB into the Bottom interface of the pitch axis arm, then plug the USB cable into the corresponding interface of the camera.
Attention: Do not plug the camera cable into the adaptor interface, it may damage the device.
Please connect the control cable after the stabilizer powers off, in case a malfunction occurs to the stabilizer.

Adjust the Camera Balance

Please adjust the balance according to the manual, otherwise the stabilizer may not power on, or it can not reach the optimal status to effect the battery life.

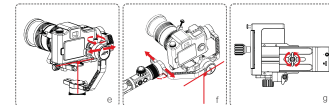


Loosen the knob, slide the gimbal sliding panel so that the head panel can hold the camera, then tighten the knob (Illustration a).

Loosen the locking knob of the quick release plate, place the quick release plate with camera on the base. Tighten the locking knob slightly, but allows the plate slide back and forth (Illustration b).

Hold the roll axis arm with one hand, push the camera backward and forward until the camera lens is still and close to the horizontal level, then tighten the quick release plate locking knob (Illustration c).

Loosen the locking knob of the pitch axis, move the camera, until the camera lens is still and close to the horizontal level, then tighten the locking knob (Illustration d).



Roll Axis Adjust

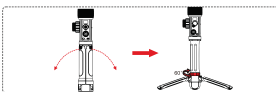
Loosen the locking knob of the roll axis, move the roll axis arm, until when it is still and close to the horizontal level, then tighten the locking knob (Illustration e).

Pan Axis Adjust

Loosen the locking knob of the pan axis, move the pan axis arm until it is close to the horizontal level, when it is still, then tighten the locking knob (Illustration f).

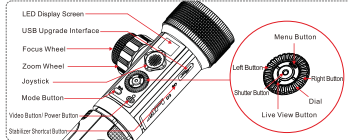
If the camera can not be balanced, you can adjust the knob (Illustration g).

Built-in Tripod Instruction



Unfold the tripod leg, rotate the position knob by 60° to tighten the tripod, on the contrary, the tripod can be folded.

Control Panel



LED Display Screen: Show the gimbal status and the camera parameter

Direction Joystick: Control the camera move to up/down/left/right four direction

USB Upgrade Interface: For gimbal parameter adjustment or firmware upgrade.

Menu Button: Enter or exit the menu

Left Button: Return to previous interface

Right Button: Confirm the current item or enter/exit modify the current item.

Shutter Button: Short press to activate camera to focus automatically, long press to take a photo.

Dial: Choose the item or the parameter

Live View Button: Enter or exit live view mode.

Video Button/Power Button: Long press 5 seconds to power on/off; short press to turn on roll video.

Focus Wheel: Adjust the camera lens focusing (only if the camera has the focus function)

Zoom Wheel: Adjust the distance of the camera lens by adjusting the focus accessories (optional).

Mode Button: Click to switch among the following mode, pan-following mode and locking mode.

Stabilizer Shortcut Button:

Press once: return to the horizontal position quickly

Press twice: horizontally rotate 180 degree

Press Triple: switch to roll following mode

Press four times: time lapse shooting mode

Press five times: automatic calibration.

Time lapse mode instruction: Click the Reset key four times, then move the camera manually to the end position, within 10 seconds move the camera back to the original position. The default time lapse is 30 minutes. If you need to stop the time lapse, just restart the stabilizer. Please do not touch the stabilizer during time lapse shooting.

Display Screen Instruction

BAT: battery power

Camera: camera setting item

Gimbal: stabilizer setting item

Bluetooth Connection

Turn on the stabilizer Bluetooth.

"Menu" -- "Gimbal" -- "BLT" -- "Confirm" -- Rotate dial to -- "On" -- "Confirm"

Turn on the smartphone APP. Bluetooth to search AFI-D3 for pairing.

Please download APP from AFI's official website.

Camera Control Instruction

Application Camera: Canon, SONY

Camera Brand	Canon		SONY	
Shooting	✓	✓	✗	✗
Video	✓	✓	✓	✓
Live View	✓	✓	✗	✗
Aperture Adjustment	✓	✓	✓	✓
Shutter Adjustment	✓	✓	✓	✓
ISO Adjustment	✓	✓	✓	✓
Exposure Value	✓	✓	✓	✓
Focusing	✓	✓	✓	✓
Zoom	✓	✓	✓	✓

Disclaimer warning

Thank you for purchasing AFI D3. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow the instructions and warnings herein may result in serious injury to you or bystanders, or damage to your device or property. AFI reserves the right of final explanation for this document and all relevant documents relating to D3, and the right to make changes at any time without notice.

This product is NOT a toy and is not suitable for children under the age of 18. By using this product, you hereby signify that you have read this disclaimer carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and be in accordance with all applicable laws, rules, and regulations, including international and domestic airspace regulations and all terms, precautions, practices, policies, and guidelines. AFI has made and may make available. AFI accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to: those set forth in these Safety Guidelines.

FCC WARNING

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.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction.



AFI Official Website

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