

DEC Vari-ND

Vari-ND Version DEC Adapter

Product Manual

English

Foreword

Thank you for purchasing the Aputure DEC Vari-ND!

Aputure DEC Vari-ND is a wireless remote adapter that allows you to attach Canon EF-mount lenses to MFT mount or E-mount cameras. In addition to retain all the DEC features, but also equipped with electronic Vari-ND lens assembly, from ND8 to ND2048, multi-steps light adjusting, even in bright light can also use large aperture motion blur shooting, and also helps you to expand the possibilities of Canon EF-mount lenses when you capture video with cine style camera.

Instructions

- Please read this product manual carefully.
- Keep this product manual. Always include this product manual when passing the products on to third parties.
- All warnings and follow all instructions in this product manual.
- WARNING:** Do not place the product in a place where there are corrosive chemicals to protect the product from corrosion, corrosion may cause the product to malfunction.
- Use only a microfiber and dry cloth for cleaning the product.
- Operate carefully to not cause any damage by dropping or physical shocking it.
- Do not leave the product near anything that has a strong magnetic field such as a magnet or electric motor. Also avoid using or leaving the product near anything emitting strong radio waves such as a large antenna. Strong magnetic fields can cause the product to malfunction or destroy data transferring.
- Do not leave the product in excessive heat, high temperatures can cause the product to malfunction.
- To reduce the risk of fire or electric shock, do not use the product near water.
- Keep the product in a dry, clean, dust-free environment.
- Please have the product checked by the authorized service or agent if your product has some problems. Please note that this warranty does not apply to repair arising out of the malfunction of unauthorized disassembly, although you may request such repairs on a chargeable basis.
- Use of original Aputure cable accessories is recommended. Please note that this warranty does not apply to repairs arising out of the malfunction of non-original Aputure accessories, although you may request such repairs on a chargeable basis.
- The product is certified by RoHS, CE, FCC and JAPAN MIC. Please operate the product in full compliance with the operation standards. Please note that this warranty does not apply to repair arising from malfunction, although you may request such repairs on a chargeable basis.
- The instructions and information in this manual are based on thorough, controlled company testing procedures. Further notice will not be given if the design or specifications change.

FCC Compliance Statement

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

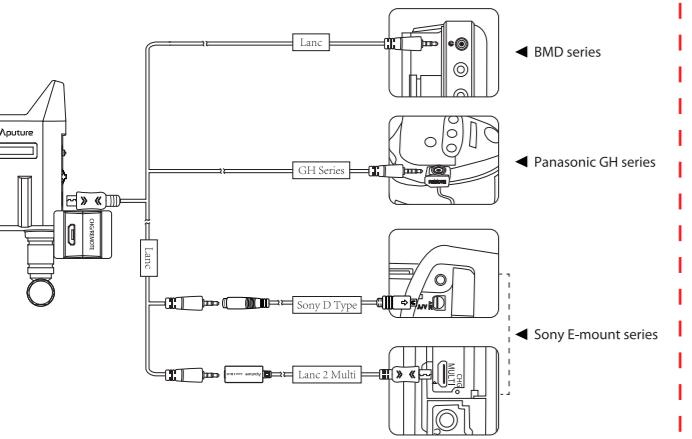
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate 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:

Detailed product manual for Aputure DEC Vari-ND can be found on the movie solution page on www.aputure.com.

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3. Connect remote cable

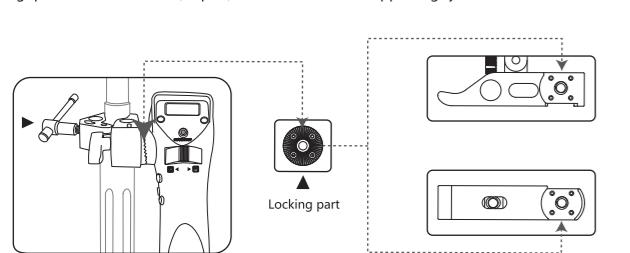
According to the port of your camera, please choose the correspond remote cable to connect adapter to your camera.



*Aputure DEC Vari-ND is able to work while charging by connecting to USB cable which attached to an AC adapter (5V 1A).

4. Install Claw Clip

The grip can be set on rocker, tripod, shoulder and other supporting systems.

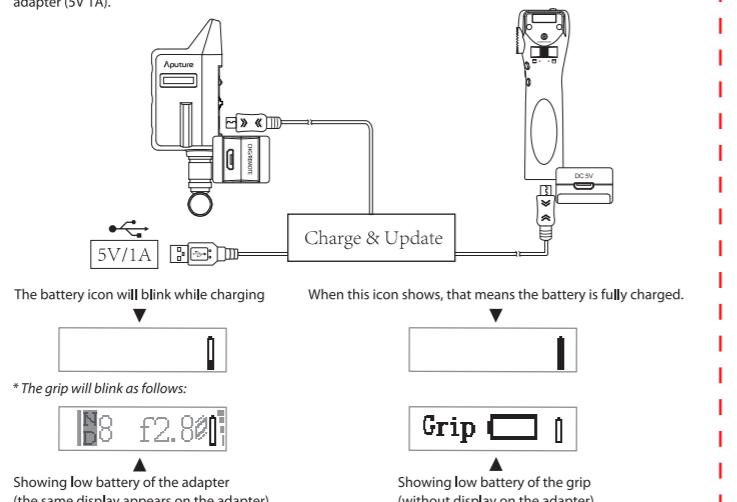


* You can choose either side as the picture shows according to your need.

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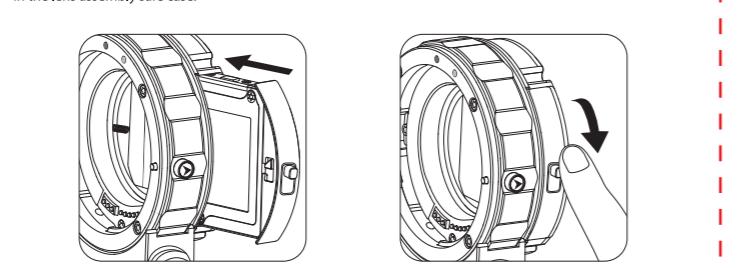
5. Charging

Charge the grip and the adapter by connecting Charge & Update cable, which should be attached to an AC adapter (5V 1A).



6. Install lens assembly

Push the lens assembly release button, you can eject the lens assembly. Depending on the use, you can replace the installation of Vari-ND lens assembly or transparent lens assembly. Note that save the replaced lens assembly in the lens assembly safe case.



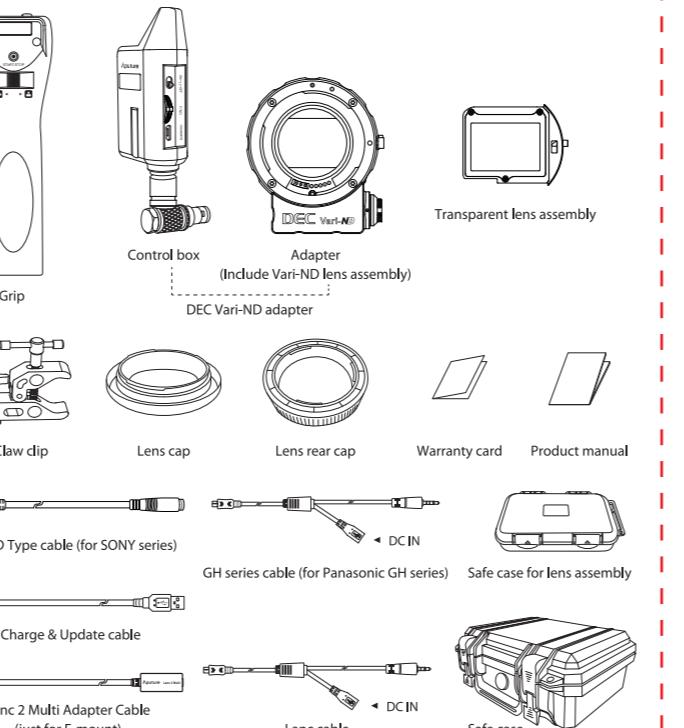
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the following measures:
 • Reorient or relocate the receiving antenna.
 • Increase the separation between the equipment and receiver.
 • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 • Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:
 The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Item check list

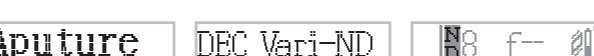
Package includes the following items:



Feature

1. Power on/off

Adapter: Switch Power switch to ON to start up. Switch Power switch to OFF to close down.
Grip: Short press the Power switch to switch the state of starting up and closing down.



*Please full charge the Aputure DEC Vari-ND the first time you use it.

2. Start/Stop recording

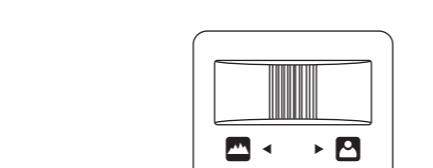
After connecting adapter to your camera with remote cable, by pressing <Start/Stop>, you can start or stop the video recording.



* Please first set the camera to be in "Release without Lens enabled" mode if it does have before using together with the DEC Vari-ND.

3. Adjust focus

Dial <> to move the focus. Turn left to move the focus faraway and right for closer. The more you move the focus shifter, the faster the focus change will be.

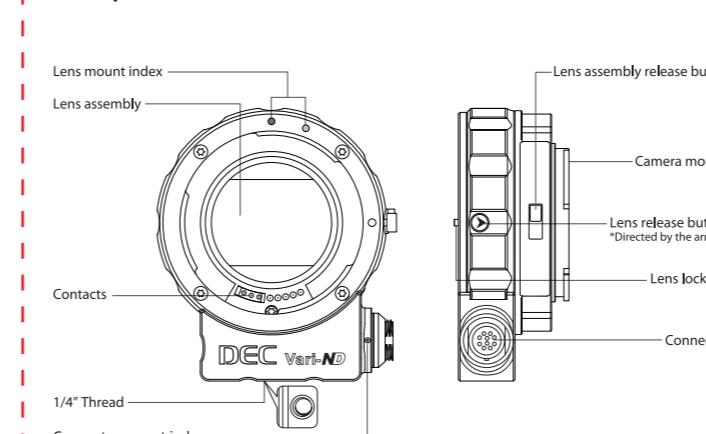


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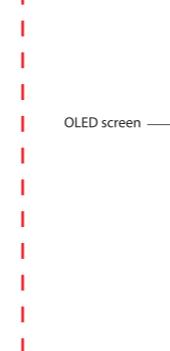
折页方式：①
折页成型(英文在正面)：②
 为折线(不印刷)

Nomenclature

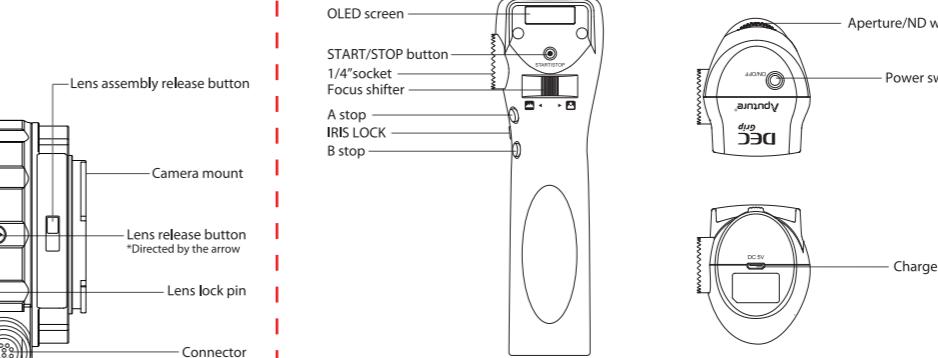
1. Adapter



2. Control box



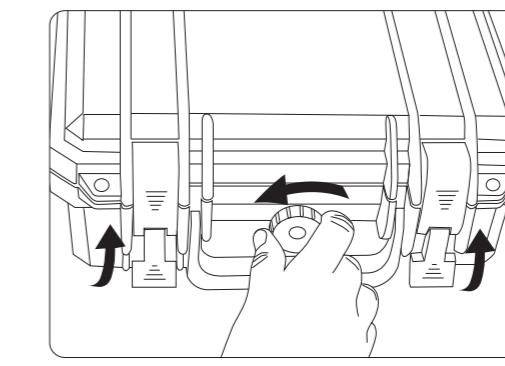
3. Grip



Preparation

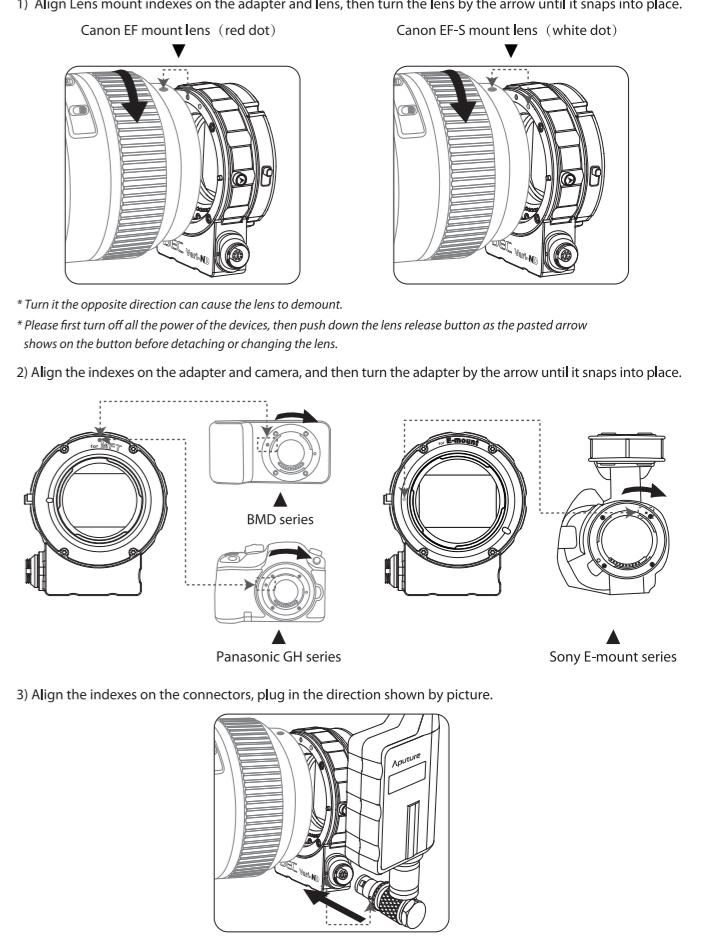
1. Open safe case

Please note the shifts on both sides to open the safe case. You need loosen the balance valve anticlockwise before it needed.



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2. Attaching



Specifications

Components	Adapter	Grip
Battery Voltage	3.7V	3.7V
Battery Capacity	1400mAh	2600 mAh
Charge/Remote/Update port	Micro USB	Micro USB (charge only)
Charge Voltage	5V	5V
Peak Current	<500mA	<300mA
Peak Current	<10h	<48h
Battery Durance	Based on a fully charged Li-ion battery, a Canon EF 24-70mm/2.8L II USM and CIPA testing standards.	
Temperature	0°C~40°C	
Operation	2.4GHz	
Storage	-20°C~60°C	
Humidity	65±20% (without condensation)	
Remote Rate	≤100m	
Remote Range	≤100m	
Construction Accessories	1/4" jack	Claw clip
Lens Compatibility	Canon EF, EF-S AF lenses	
Camera Compatibility	MFT(Micro 4/3)-mount (for all frame sizes) camera	E-mount (for all frame sizes) camera
ND Range	ND8-ND2048	

The list of tested compatible Lenses is below and more can be found on the official website: <http://www.aputure.com/DEC-Vari-ND/technique>

EF 35mm f/1.4L USM	EF 50mm f/1.8 II
EF 40mm f/2.8 STM	EF 16-35mm f/2.8L II USM
EF 50mm f/1.4 USM	EF 24-70mm f/2.8L II USM
EF 24-105mm f/4L USM	EF 70-200mm f/2.8L IS II USM
EF-S 18-55mm f/3.5-5.6	EF 100mm f/2.8L II USM
EF-S 18-200mm f/3.5-5.6 IS	EF 85mm f/1.2L II USM

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Aputure® 深圳市爱图仕影像器材有限公司

设计项目	082 说明书	图号	AP-082-PR-02
尺寸 (mm)	585*280 mm 折页尺寸 : 97.5*140mm	版本	V1.0
材质工艺	70g 书纸, 正反两面印刷	设计师	Jolin
备注	料号 : 582000600000	日期	20170221

DEC Vari-ND

Vari-ND Version DEC Adapter

电子密度镜版 多功能 镜头转接器

使用者指南

中文

前言

感谢您购买爱图仕产品

爱图仕电子密度镜版多功能镜头转接器是一款连接佳能EF卡口镜头与MFT(Micro 4/3)卡口或E卡口的多功能转接器。除了保留DEC所有功能外，还配备电子可调密度镜，从ND8到ND2048，多级调光，即使在强光下也能使用大光圈拍摄运动模糊，同时可使您的EF卡口镜头轻松适配多种相机、摄像机，满足日益丰富的视频拍摄需求。

重要提示

- 请认真阅读本使用手册。
- 请妥善保管使用手册。将产品交给他人使用时，请务必附带本使用手册。
- 请注意所有警告提示并遵守使用手册内的所有指令。
- 警告：**请勿将本产品放置在有腐蚀性化学物品的地方，以免产品受到腐蚀，被腐蚀可能引起产品故障。
- 请用软布、干布清洁本设备。
- 本产品属于精密仪器，请避免使用时掉落、碰撞或承受重压。
- 请勿将本产品靠近具有强磁场的物体，如磁铁或电动机。另外也要避免将本产品靠近发出较强无线电波的物体，如天线。强磁场可能引起产品故障或破坏数据传输。
- 请勿将本产品放置在温度过高的地方，高温可能导致设备内电池受损或爆炸。
- 请勿将本产品放置在滴水或易溅水的环境使用本产品，否则有短路或电击的危险。
- 请将本产品保存在干燥、干净、无尘的环境中。
- 需要维修时请联系授权的维修人员。本产品内有精密电子线路，未经许可擅自拆卸导致故障，不在本公司保修范围内，但用户可以付费维修。
- 建议使用爱图仕原厂线缆。由于使用非爱图仕原厂附件导致本产品的任何损坏，不在本公司保修范围内，但用户可以付费维修。
- 本产品已通过RoHS、CE、FCC和日本MIC认证，请参考相关国家标准使用和操作。因使用操作不当而造成机器损坏，在不保修范围内，但用户可以付费维修。
- 此使用指南依据本公司严格测试制定。设计和规格如有变更，恕不另行通知。

FCC 符合声明

此设备符合 FCC 规则第 15 部分中的规范。操作设备须符合以下两个条件：

- (1) 此设备不会导致有害干扰；
- (2) 此设备可承受任何外来干扰，包括可能导致非预期操作的干扰。

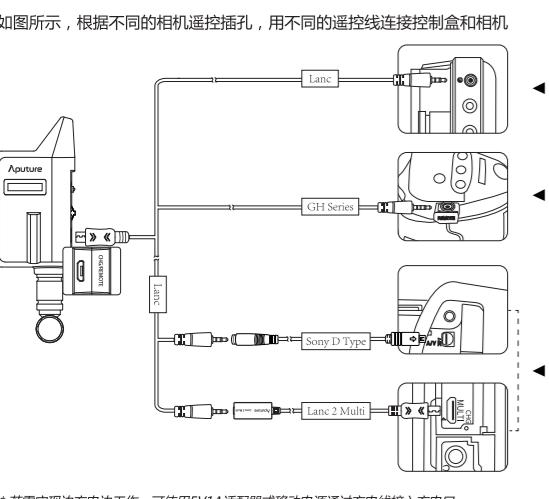
【警告】如果用户未经爱图仕明确许可而进行改动或改装，可能会丧失继续操作该设备的权利。

【注】此设备经测试确定符合 B 类数码设备（依照 FCC 规则第 15 部分规范）的限制。这些限制的设计旨在为居住场所安装条件下的有害干扰提供合理的保护。此设备生成、使用并可以发射射频能量。如果未按照指示安装和使用，可能对无线电通信造成有害干扰。但是，在特定安装条件下，不保证这类干扰不会发生。如果此设备确实对无线电或电视机接收信号造成有害干扰，而这点可以通过关闭和打开设备来确定，那么建议用户尝试使用以下一种或多种措施来消除干扰：

您可以在本公司网站 www.aperture.com.cn 中的炫彩视频系列产品栏目下找到本设备的详细使用者指南。

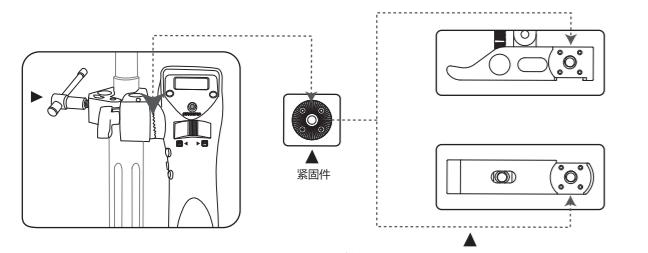
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3. 连接遥控线与相机



4. 蟹钳夹安装

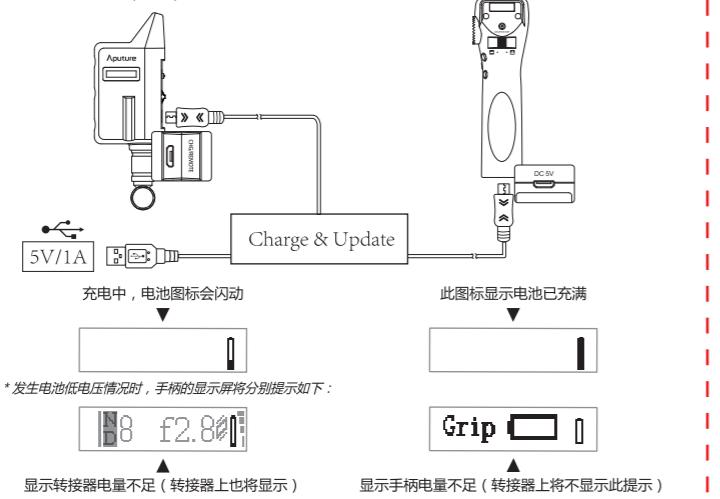
可夹持于摇臂、肩托、脚架等固定设备上。



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5. 充电

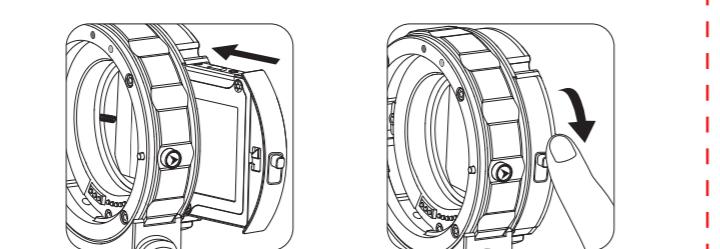
充电时，使用充电升级线(Charge & Update)。Micro USB端连接需充电的手柄或转接器，USB端连接5V1A的交流适配器(另购)。



*若需实现边充电边工作，可使用5V1A适配器或移动电源通过充电线接入充电口。

6. 安装镜片组件

拔动镜片组件释放按钮，可以弹出镜片组件。根据使用需要，可以替换安装可调密度镜组件或透明镜片组件使用。注意将替换下的镜片组件保存在镜片组件安全盒里。

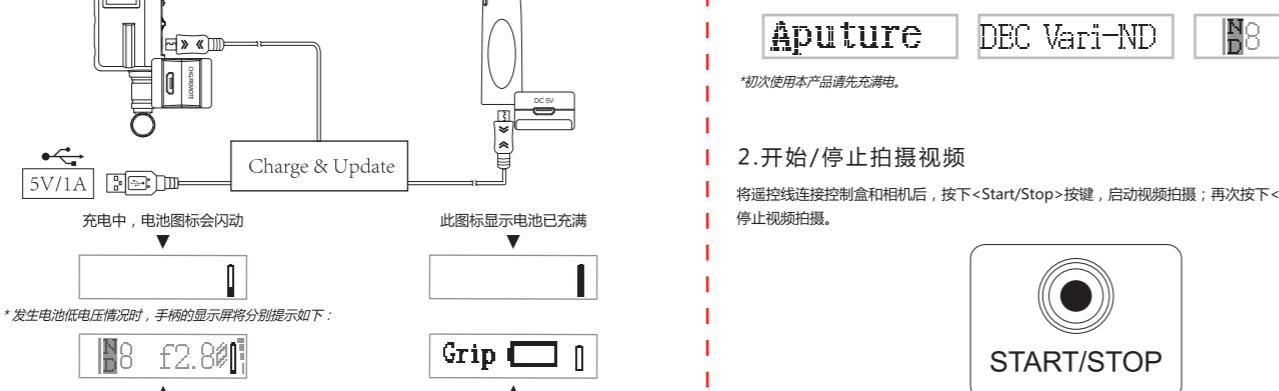


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功能介绍

1. 开机

转接器电源开关拨至ON，开机；拨至OFF，关机。短按手柄电源开关ON/OFF，切换手柄开关机状态。机器成功开启后，屏幕如下显示：



2. 开始/停止拍摄视频

将遥控线连接控制盒与相机后，按下<Start/Stop>按键，启动视频拍摄；再次按下<Start/Stop>按键，停止视频拍摄。



*发生电池低电压情况时，手柄的显示屏将分别提示如下：

显示转接器电量不足 (转接器上也将显示) 显示手柄电量不足 (转接器上将不显示此提示)

显示转接器电量不足 (转接器上也将显示此提示)

显示手柄电量不足 (转接器上将不显示此提示)

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显示转接器电量不足 (转接器上也将显示此提示)

显示手柄电量不足 (转接器上将不显示此提示)

显示转接器电量不足 (转接器上也将显示此提示)

显示手柄电量不足 (转接器上将不显示此提示)