

料 号 705-ZA1200-00

项 目 ZA12 中英文 说明书

成品尺寸 75\*75mm

公 差  $\pm 2\text{mm}$

材 质 105g 哑粉纸

工 艺 折页  
双面打印

颜色要求 单色印刷

其 他

包装结构 江叶群 产品经理 张欣

设计师 邱光宇 文案 李敏 伍青蕾

重要: 印刷请使用 PDF 转曲文件

印刷要求:

色相正确、印迹牢固、套印准确、各色套印不露杂色、

套印误差 $\leq 1\text{mm}$ 、模切走位 $\leq \pm 1\text{mm}$

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深圳卓立久科技有限公司

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**Zeniko Technology Co., LTD**

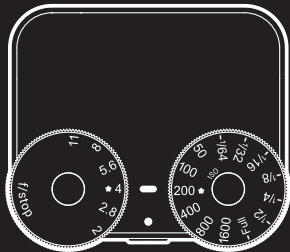
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Tel: +86-755-25106331

[www.zeniko.com](http://www.zeniko.com)

Made in China | 705-ZA1200-00



# ZENIKO



## ZA12

双拨轮机顶闪光灯  
Dual-Dial Camera Flash

使用手册  
Instruction Manual

## 重要安全提示

本产品属于专业摄影设备，需要专业人员操作使用，使用前必须拆除产品上的所有运输保护材料和包装，使用时必须遵守以下基本安全预防措施：

1. 使用本产品前，请仔细阅读并完全理解产品说明书，严格按照说明书中的安全提示操作。否则，可能导致严重伤害、产品损坏或其他财产损失的安全隐患。
2. 本产品为专业灯具，儿童禁止使用。儿童接近时，成人必须密切监督，防止儿童碰撞灯具或私自使用灯具，造成人身伤害。
3. 本灯具并非普通灯具，不可用于普通照明，任何有过眼部损伤或眼部敏感的人群均应避免使用本灯具或直视本灯具。
4. 使用时必须小心，严禁接触如闪光管等高温部件，以避免烫伤任何情况下均禁止将闪光灯直接对准人眼（特别是婴儿眼睛），否则短时间内可能导致视力损伤。如感到眼睛不适，应立即关闭灯具，停止使用并及时就医。
5. 闪光管损坏时，应立即停止使用，及时联系制造商、服务代理商或合格维修人员更换，以防发生事故。
6. 严禁使用损坏的设备或配件，必须等待专业维修人员检查维修

并确认设备正常后，才可继续使用。

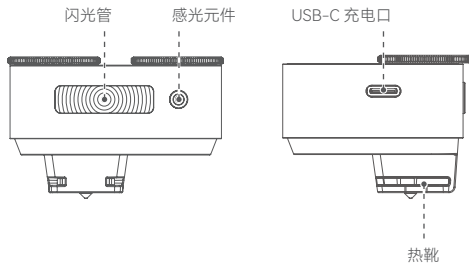
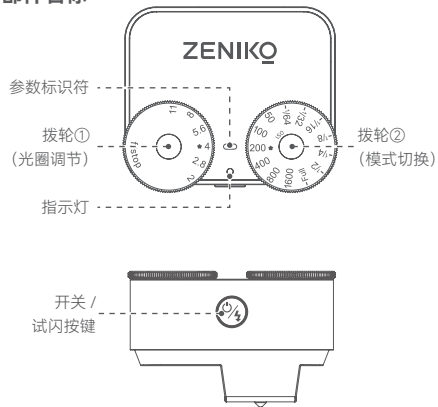
7. 使用过程中，如果产品因跌落、挤压或强力冲击导致外壳破裂，应立即停止使用，避免接触内部电子部件而触电受伤。
8. 本设备不防水，请保持干燥，不能浸入水或其他液体；应安装在通风干燥位置，避免在雨天、潮湿、多尘或过热环境中使用。不要在设备上方放置物品，或让液体流入内部，防止发生危险。
9. 未经授权，请不要自行拆卸本产品。产品若出现故障，必须由本公司或授权维修人员检查和维修。
10. 存放设备前，请确保设备已完全冷却，放入通风干燥位置。请勿将设备放置在酒精、汽油等易燃挥发性溶剂或气体如甲烷、乙烷等附近。
11. 本设备禁止在有爆炸危险的环境中使用或存放。
12. 请勿使用未经本公司认可的配件，以免造成火灾、触电或人身伤害。
13. 清洁设备时，请用干燥软布轻轻擦拭，不可使用湿布，否则可能会损坏设备。
14. 处理任何电池前，请确认并遵守当地相关法律法规。
15. 本设备整机的保修期为一年。消耗品如电池、适配器、电源线等配件不在保修范围内。
16. 私自维修将取消保修资格，需支付维修费用。
17. 不当操作导致故障不在保修范围。

## 前言

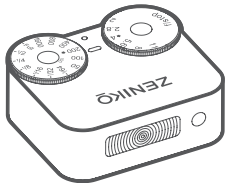
**感谢您购买 ZENIKO 产品！**

ZA12 体积小巧，携带方便，支持 M 手动 /A 自动双模式；双拨轮设计，7 档功率任意调节；底部采用单触点热靴设计，适配多种相机型号，只需插入即可实现同步触发。

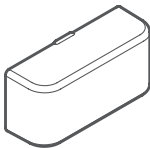
## 部件名称



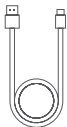
## 物品清单



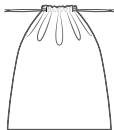
灯体 ×1



柔光罩 ×1



充电线 ×1



收纳袋 ×1



说明书 ×1

## 电源/试闪

开机：长按开关按键，指示灯亮起。

关机：再次长按开关按键，指示灯熄灭。

充电：使用充电线外接电源后另一头插入灯体 USB-C 接口，ZA12 支持边充边用。

试闪：开机后绿灯状态下，短按一次试闪按键灯头可试闪一次；红灯为回电中，无法进行试闪。

通过查看指示灯了解闪光灯状态。

闪光灯（状态）	指示灯（提示）
开机状态下	
回电中	红灯常亮
回电完成（80% 电量）	绿灯常亮
回电完成（20% 电量）	红灯闪烁
关机状态下	
充电中	黄灯呼吸
充电完成	绿灯呼吸

闪光灯（状态）	指示灯（提示）
<b>边充边用</b>	
回电中	红灯常亮
回电完成	未充满电时，绿灯常亮 2s 后灭 0.1s，充满电时，绿灯常亮
<b>热保护</b>	
过热警告	回电过程中黄灯常亮（回电时间变为 20s）
过热保护	黄灯快闪（无法引闪）

注：为防止闪光灯管过热并损坏，请勿在 Full 档位进行超过 45 次连续闪光。若超出 45 次后立即继续多次闪光，则内部的热保护功能可能会被激活，使回电时间变为 20s 以上。如果发生这种现象，请让闪光灯冷却约 10 分钟，闪光灯便会恢复正常。

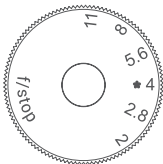
## 拨轮①

旋转拨轮①可设置光圈范围：

2/2.8/4/5.6/8/11，将需要设定的值指向参数标识符即可。

注：1. 闪光灯与相机光圈设为一致。

2. 当拨轮拨到空白档时闪光灯不闪光。

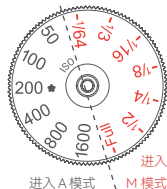


## 拨轮②

旋转拨轮②可切换 M/A 模式，同时调节该模式下的参数值，将需要设定的值指向参数标识符即可。

M 模式功率范围：Full，1/2，1/4，1/8，1/16，1/32，1/64

A 模式 ISO 范围：50，100，200，400，800，1600



## A 模式实用表

查看相机当前的 ISO 感光度和光圈值，将闪光灯参数设为一致，并在推荐距离内使用。

拍摄距离 (m) \ 感光度 光圈	50	100	200	400	800	1600
2	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m	/	/	/
2.8	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m	/	/
4	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m	/
5.6	0.2 ~ 0.7m	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m
8	0.1 ~ 0.6m	0.2 ~ 0.7m	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m
11	0.1 ~ 0.4m	0.1 ~ 0.6m	0.2 ~ 0.7m	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m

## 复位设置

按住开关按键同时旋转一圈拨轮①即完成复位，复位完成关机。

## 规格参数

型号	ZA12
内置锂电池	7.4V, 300mAh, 2.22Wh
USB-C 接口	输入: 5V $\overline{\text{---}}$ 0.5A
充电时间	$\approx$ 1 小时 10 分钟
闪光次数 (Full 全功率)	$\approx$ 400 次
回电时间 (Full 全功率)	$\approx$ 3 秒钟
闪光功率档位	7 档: 1/64 至 Full
工作环境温度	-10°C ~ 40°C
同步触发	热靴
尺寸	$\approx$ 55mm*47mm*36mm
净重	$\approx$ 60g

规格和参数如有变更，恕不另行通知。



## Important Safety Instructions

**This product is a professional photographic equipment, to be operated by professional personnel only. All transport protective materials and packaging on the product must be removed before use. The following basic safety precautions must be followed when using this product:**

1. Carefully read and fully understand the instruction manual before use and strictly follow the safety instructions. Failure to do so may result in death, serious injury, damage to the product, or other property damage.
2. This product is a professional lighting fixture, children are prohibited from using it. Children must be closely supervised by adults when approaching the fixture, to prevent collisions with the fixture or unauthorized use that could cause personal injury.
3. This is not an ordinary lighting fixture and must not be used for general illumination. Anyone with a history of eye damage or sensitivity should avoid using this fixture or looking directly at it.
4. Extreme caution must be exercised when using it, do not touch

high-temperature parts such as flash tubes to avoid burns. Do not point the flash directly at the eyes (especially baby's eyes) under any circumstances, as this could impair vision in a short time. Turn off immediately if discomfort occurs, stop using, and seek medical attention promptly.

5. If the flash tube is damaged, stop using it immediately and contact the manufacturer, service agent, or qualified repair personnel for a replacement to prevent accidents.
6. Do not use damaged equipment or accessories. Allow professional repair technicians to inspect and confirm normal operation before continuing use after repairs.
7. Stop using immediately if the product shell is cracked due to falling, squeezing, or strong impact, to avoid touching the internal electronic components and getting an electric shock.
8. This device is not waterproof. Keep it dry and avoid immersing it in water or other liquids. It should be installed in a ventilated and dry location and avoid using in rainy, humid, dusty, or overheated environments. Do not place items above the device or allow liquids to flow into it to prevent danger.

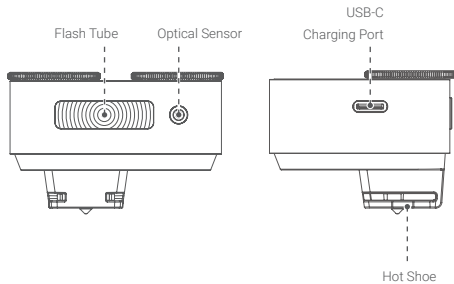
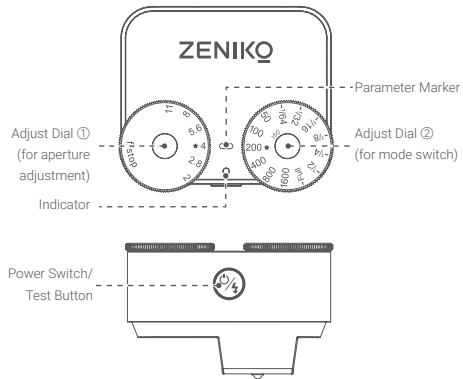
9. Do not disassemble without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized repair personnel.
10. Before storing the device, ensure it has completely cooled down, then put it in a ventilated dry location. Do not place the device near alcohol, gasoline, or other flammable volatile solvents or gases such as methane and ethane.
11. Do not use or store this device in potentially explosive environments.
12. Do not use accessories not been approved by our company, as this may cause fire, electric shock or personal injury.
13. Clean gently with a dry cloth. Do not use a wet cloth as it may damage the device.
14. Confirm and comply with all relevant local laws and regulations when handling any batteries.
15. The warranty period for this device as a whole is one year. Consumables (such as batteries), adapters, power cords, and other accessories are not covered by the warranty.
16. Unauthorized repairs will void the warranty and will incur charges.
17. Failures from improper operation is not covered under warranty.

## Foreword

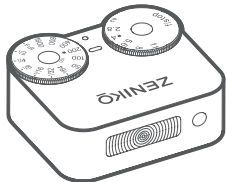
Thank you for purchasing!

Zeniko's dual-dial camera flash ZA12 has a compact and portable size, manual flash and auto flash modes, dual-dial design for 7 power steps adjustment, legacy hot shoe for wide compatibility through plugged-in triggering.

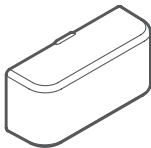
## Name of Parts



## What's Inside



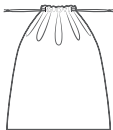
Flash Body x1



Diffuser x1



Charging Cord x1



Storage Bag x1



Instruction Manual x1

## Power Switch/Test Button

**Power on:** Press and hold the power switch button until the indicator lights up.

**Power Off:** Press and hold the power switch button until the indicator lights out.

**Charging:** Connect the USB-C port on the flash body to the power source with the attached charging cord to charge it, it supports using while charging.

**Testing:** Press the test button in green light status after powering on to fire a testing flash. When the indicator is red light, it indicates that the flash is recycling, which cannot be tested.

## Flash Statuses in Different Indicators

Flash (statuses)	Indicator (light display)
<b>Power On</b>	
Recycling	Constant on red
Recycled (80% battery level)	Constant on green
Recycled (20% battery level)	Flash red

Flash (statuses)	Indicator (light display)
<b>Power Off</b>	
Charging	Breathe yellow
Fully charged	Breathe green
<b>Using While Charging</b>	
Recycling	Constant on red.
Recycled	Constant on green for 2s then off for 0.1s when not fully charged. Constant on green when fully charged.
<b>Over-temperature Protection</b>	
Over-temperature Warning	Constant on yellow in recycling (recycle time 20s)
Over-temperature Protection	Flash yellow rapidly (triggering unavailable)

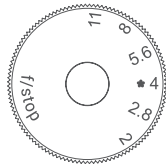
Note: To avoid overheating and deteriorating the flash tube, do not fire more than the 45 continuous flashes in succession at full power. If you fire more than 45 continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated and make the recycle time over 20 seconds. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.

## Adjust Dial ①

Rotate the adjust dial ① can adjust the aperture value among 2, 2.8, 4, 5.6, 8 and 11 by aligning the desired value with the parameter marker.

Note:

1. The aperture values of the flash and camera need to be set to the same.
2. The flash can not fire a flash when the adjust dial is at blank step.

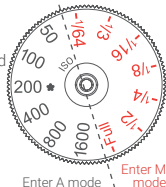


## Adjust Dial ②

Rotate the adjust dial ② can switch M and A flash modes, the parameters of which can also be adjusted by aligning the desired value with the parameter marker.

Power range in M mode: Full, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64

ISO range in A mode: 50, 100, 200, 400, 800, 1600



## Practical Table in A Mode

You can check the current ISO value and aperture value on the camera, set the parameters of the flash to the same, then use in the recommended shooting distance.

Shooting Distance (m) \ ISO Aperture	50	100	200	400	800	1600
2	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m	/	/	/
2.8	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m	/	/
4	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m	/
5.6	0.2 ~ 0.7m	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m	1.4 ~ 4m
8	0.1 ~ 0.6m	0.2 ~ 0.7m	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m	0.9 ~ 3m
11	0.1 ~ 0.4m	0.1 ~ 0.6m	0.2 ~ 0.7m	0.3 ~ 1m	0.4 ~ 1.5m	0.6 ~ 2.2m

## Resetting

Press and hold the power switch button then rotate the adjust dial ① one circle to reset, the flash will automatically turn off after resetting.

## Technical Data

Model	ZA12
Built-in Lithium Battery	7.4V, 300mAh, 2.22Wh
USB-C Port	Input: 5V $\rightleftharpoons$ 0.5A
Charging Time	$\approx$ 1h 10min
Number of Flashes (Full Power)	$\approx$ 400
Recycle Time (Full Power)	$\approx$ 3s
Flash Power Steps	7 steps: 1/64 to Full
Working Environment Temperature	-10°C ~40°C
Sync Triggering	Hot Shoe
Dimension	$\approx$ 2.17*1.85*1.42"
Net Weight	$\approx$ 60g

Specifications and data may subject to changes without notice.

## Declaration of Conformity

Zeniko Technology Co., LTD hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive GPSR (EU) 2023/988,2014/30/EU. They are allowed to be used in all EU member states.

For more information of DoC, Please click this web link:

**[www.zeniko.com/EU/ZA12.PDF](http://www.zeniko.com/EU/ZA12.PDF)**

## FCC Caution

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.

## IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

## 产品保修

尊敬的用户，本保修卡是申请保修服务的重要凭证，请您配合销售商填写并妥善保管，谢谢！

产品信息	型号	产品条码
用户信息	姓名	联系电话
	通信地址	
销售商信息	名称	
	联系电话	
	通信地址	
	销售日期	
备注		

注：此表应由销售商盖章确认。

### 适用产品

本文件适用于相关《产品保修信息》（见后面说明）所列产品，其他非属此范围的产品或部件（如促销品、赠品及其他出厂后附加的部件等）不在此保修承诺内。

### 保修期

产品及部件的相应保修期按相关的《产品保修信息》执行。保修期自产品首次购买日起算，购买日以购买产品时保修卡登记日期为准。

### 如何获得保修服务

您可直接与产品销售商或授权服务机构联系。申请保修时，您应提供有效的保修卡作为保修凭证，方可获得保修。如您不能提供有效的保修卡，则在我们确认产品或部件属于保修范围的情况下，也可以为您提供保修，但这不作为我们的义务。

### 不适用保修的情况

如产品存在下列情况，本文件项下的保证和服务将不适用①**产品或部件超过相应保修期**；②**错误或不适当使用、维护或保管导致的故障或损坏**，如：**不当搬运**；**非按产品合理预期用途使用**；**不当插拔**



外接设备；跌落或外力挤压；接触或暴露于不适当温度、溶剂、酸碱、水浸或潮湿环境；③由非卓立久授权机构或人员安装、修理、更改、添加或拆卸造成的故障或损坏；④产品或部件原有识别信息被修改变更或删除；⑤无有效保修卡；⑥使用非合法授权、非标准或非公开发行的软件造成的故障或损坏；⑦因不可抗力或意外事件造成的故障或损坏；⑧其他非因产品本身质量问题导致的故障或损坏。遇上述情况，您应向相关责任方寻求解决，卓立久对此不承担任何责任。因非在保修期或保修范围内的部件、附件或软件导致产品不能正常使用的，不是保修范围内的故障。产品使用过程中正常的脱色，磨损和消耗，不是保修范围内的故障。

### 产品保修和服务支持信息

产品的保修期和服务类型按以下《产品保修信息》执行：

产品类型	选件名称	保修期（月）	保修服务类型
部件	电路板	12	客户送修
其他	例如闪光管、光效附件、各类线材、航空箱或其他包装	无	无保修

## Warranty

Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and safe-keep it. Thank you!

Product Information	Model	Product Code Number
Customer Information	Name	Contact Number
	Address	
Seller Information	Name	
	Contact Number	
	Address	
	Date of Sale	
Note		

Note: This form shall be sealed by the seller.

### Applicable Products

The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g. promotional items, giveaways and additional accessories attached, etc.) are not included in this warranty scope.

### Warranty Period

The warranty period of products and accessories is implemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day (purchase date) when the product is bought for the first time, And the purchase date is considered as the date registered on the warranty card when buying the product.

### How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. When applying for maintenance service, you should provide valid warranty card. If you cannot provide valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

### Inapplicable Cases

The guarantee and service offered by this document are not applicable in the following cases: ①**The product or accessory has expired its warranty period;** ②**Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent,**

acid, base, flooding and damp environments, etc; ③Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment; ④The original identifying information of product or accessory is modified, alternated, or removed; ⑤No valid warranty card; ⑥Breakage or damage caused by using illegally authorized, nonstandard or non-public released software; ⑦Breakage or damage caused by force majeure or accident; ⑧Breakage or damage that could not be attributed to the product itself. Once met these situations above, you should seek solutions from the related responsible parties and Zeniko assumes no responsibility. The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

### Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Type	Name	Maintenance Period (month)	Warranty Service Type
Parts	Circuit Board	12	Customer sends the product to designated site
Other Items	Flash tube, optical accessories, cables, flight case, package, etc.	No	Without warranty