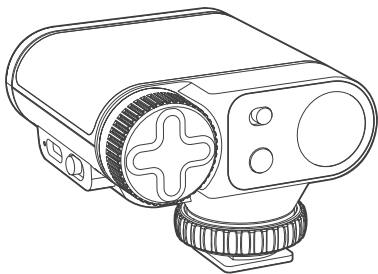


VILTROX

Vintage Z1 Pro



Thank you for choosing VILTROX flash.

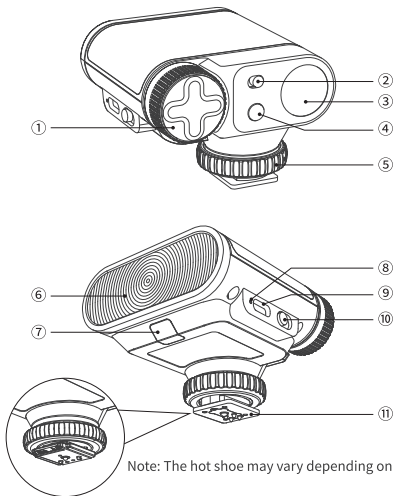
*Before attaching the VILTROX flash to your camera, please read this manual carefully so you can fully understand its features and use the flash correctly.

Warning

1. Keep the unit dry.
2. This product is not waterproof.
3. Do not expose this device to water, rain, or moisture unless it is properly protected from liquids and humidity.
4. Do not disassemble or attempt to repair the flash yourself, as this may result in electric shock, malfunction, or personal injury.
5. If the device becomes swollen, emits smoke, or gives off a burning odor, stop using it immediately and switch it off to prevent fire or burns.
6. Never fire the flash at the driver of a moving vehicle, as this could cause a traffic accident.
7. Do not fire the flash directly into anyone's eyes at close range, especially those of infants or young children, as this may damage the retina.
8. Keep small accessories out of the reach of children to prevent accidental swallowing. If any part is swallowed, seek medical attention immediately.
9. Keep this device out of the reach of children. Contact with the flash, including licking it, may cause electric shock or injury.
10. Do not subject the flash to strong impact or heavy vibration, as this may cause malfunction, component failure, or fire.
11. Do not use this device near flammable or explosive gases. Using the flash in environments containing propane, gasoline vapors, or combustible dust may result in fire or explosion.
12. Never clean this device with thinner, benzene, or other harsh solvents, and do not store the flash in places where chemicals such as camphor or benzene are present, as this may damage the plastic housing and create a risk of fire or electric shock.

 **High voltage inside! Do not disassemble this device!**

Component Name



Note: The hot shoe may vary depending on the model.

- | | |
|------------------------|---|
| 1. Power dial | 7. Optical sensor indicator |
| 2. Power switch | 8. Charging indicator |
| 3. Display screen | 9. Type-C port |
| 4. Test flash button | 10. Optical sensor button (S1/S2) |
| 5. Lock ring | 11. Hot shoe (different models are fitted with different hot shoes) |
| 6. Flash emitting area | |

Instructions for Use

Power On/Off

Power On: Slide the ON/OFF switch to the ON position to turn on the device.

Power Off: Slide the ON/OFF switch to the OFF position to turn off the device.

Note: 1. Mount the flash on the camera before turning on the camera and the flash.

2. When the  icon appears on the flash screen, it indicates that communication between the flash and the camera has been established successfully.

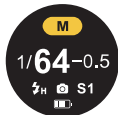
Flash Mode

Touch Operation: Swipe left or right on the screen to switch the flash mode.

Knob and Button Operation: Press the dial to switch the flash mode.

M Manual Mode

1. Set the flash to M Manual mode.
2. Adjust the appropriate power level according to the ISO setting and shooting distance set on the camera.



For specific parameters, please refer to the table below:

ISO	50	100	200	400	800	1600	3200
Aperture	2	2.8	4	5.6	8	11	16
Shooting Distance/m	0.5	0.7	1	1.5	2	3	4
Recommended Power Level	1/64	1/32	1/16	1/8	1/4	1/2	FULL
Guide Number	approx. 12gn / 52.5ft, ISO 100, full power, under standard test conditions						

The shooting distance values in this table are exposure reference distances under different ISO, aperture, and power settings. They are not the full-power Guide Number.

A (TTL) Auto Mode

1. Set the flash to A (TTL) Auto mode.
2. The camera controls the flash to emit an appropriate flash output through pre-flash metering to achieve the fill-light effect.



Sync Mode

High-Speed Sync

Dial operation: Quickly press the dial twice to enable high-speed sync.

Touchscreen operation: Swipe up or down on the device screen to switch to High-Speed Sync mode.

- Note: 1. When High-Speed Sync is enabled, the minimum flash power setting is 1/16.
2. When using the Z1 Pro C model, quickly pressing the dial twice cycles through High-Speed Sync, Front-Curtain Sync, and Rear-Curtain Sync.

Rear-Curtain Sync

When using the Z1 Pro S model, please select Rear-Curtain Sync flash in the camera settings.

When using the Z1 Pro C model, swipe up or down on the device screen to switch to Rear-Curtain Sync mode, or select Rear-Curtain Sync flash in the camera settings.

When using the Z1 Pro F model, please select Rear-Curtain Sync (REAR) in the camera settings.

When using the Z1 Pro N model, please select Rear-Curtain Sync in the camera settings.

Trigger Mode

When you switch the Z1 Pro to S1 or S2 trigger mode, the corresponding mode will also be displayed on the screen. Trigger mode must be used when the flash is set to M mode; trigger mode cannot be used in TTL mode.

S1 Synchronous Trigger Mode: Set the optical sensor button to S1 mode, and the flash will be triggered in sync with the first flash of the main flash.

S2 Pre-Flash Suppression Trigger Mode: Set the optical sensor button to S2 mode, and the flash will be triggered in sync with the second flash of the main flash.

Display Brightness Adjustment

Press and hold the knob to enter the brightness adjustment interface. Rotate the knob to adjust to a suitable brightness level.

Note: Any operation will exit the interface. The interface will automatically exit after 10 seconds of inactivity.

Protection Functions

Overheat Protection: When overheat protection is triggered, the green indicator will flash continuously for 30 seconds (with a flashing interval of 200–400 ms), while the flash mode icon (M/TTL) on the display screen turns red, indicating that the internal temperature of the flash is too high.



Flash Count Protection: In M mode, after 20 consecutive flashes at 1/2 power or above within 1 minute, the flash recycle time will be extended by 1.5 seconds.

Charging Management

Screen display while charging: 

Screen display when fully charged: 

Note: This product supports use while charging when powered on.

(If the flash fully discharges and shuts down automatically, the indicator light will first stay red when charging to power on. At this time, the flash is prohibited from recharging. Normal use is only allowed after the indicator light turns green.)

Sleep and Wake-Up

Sleep: If the flash is not operated for 15 minutes, it will automatically enter sleep mode. The indicator light will turn off, the screen will go blank, and button operations will be disabled.

Wake-Up: In sleep mode, the device must be powered on again to wake it up.

Boot Animation Operation

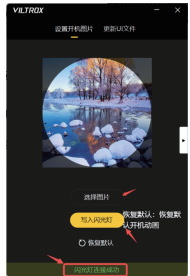
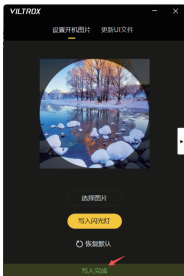
Software Download and Installation:

Scan the QR code on the right to obtain the installation package for the BootMediaTool upper computer software. Download and install it on a Windows computer.



Notes: 1. This software only supports the Windows system.
2. The custom boot animation flashing/writing operation can only be completed on a computer; mobile phones, tablets and other devices are not supported.

1. Launch the software. With the device powered off, press and hold the flash pre-flash button, then connect the Type-C cable. Once the upper computer displays that the flash is connected successfully, click Select Image and choose the picture file you want to update.



2. Click Write to Flash Lamp, wait until the upgrade is completed, then unplug the USB cable and power on the flash lamp.

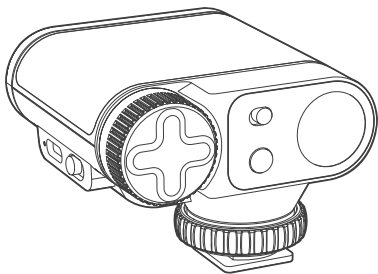
Technical Specifications

Flash Mode	M Manual Mode / TTL Auto Mode
Flash Power Levels	1/1-1/64, Adjustable in $\pm 1/3$ Range
Power (1/1 level)	24Ws
Recycle Time (1/1 level)	1 s
Focal Length	28mm
Flash Duration T0.5	1/3000s-1/50000s
Color Temperature	6000 $\pm$ 200K
Sync Mode	High-Speed Sync (up to 1/8000 s), Front-Curtain Sync, Rear-Curtain Sync
Trigger Mode	S1 Synchronous Trigger Mode / S2 Pre-Flash Suppression Trigger Mode
Battery Capacity	3.7V/800mAh
Number of Flashes	350 to 10,000 Flashes
Charging Duration	Type-C 5V/0.8A (approx. 70 minutes)
Sleep Mode	Enters sleep mode after 15 minutes of inactivity; restart the device to resume operation.
Dimensions	S: 68.5*72.8*49.9mm
	C/N/F: 68.5*72.8*50.2mm
Weight	Approximately 136 g

Our company reserves the right to modify the appearance, technical specifications, and performance of this product at any time.

VILTROX 唯卓仕

Vintage Z1 Pro



感谢您使用唯卓仕闪光灯！

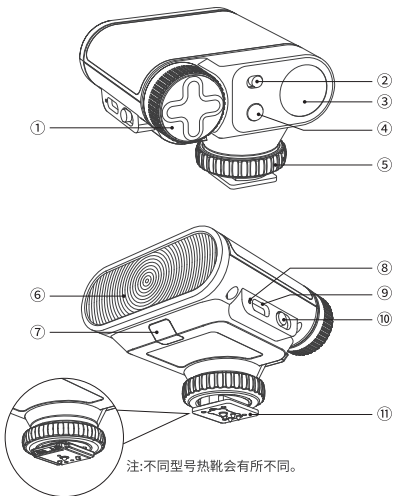
* 在把唯卓仕闪光灯安装到您的相机上前, 请仔细阅读本说明书, 以便能够了解和使用闪光灯的全部功能。

警告

1. 请保持干燥。
2. 本产品不能防水。
3. 请勿使本设备浸水和接触雨水或水汽,除非有适当的保护以隔绝液体及水汽。
4. 请勿私自拆卸或修理闪光灯,否则可能引起触电或闪光灯故障,从而造成伤害。
5. 如本设备出现严重鼓胀、冒烟或烧灼气味,应立即停止操作并关闭电源,以防止闪光灯着火或烧灼。
6. 请勿对行驶中的司机使用闪光灯,否则可能引起交通事故。
7. 请勿近距离对人眼(特别是婴幼儿)直接使用闪光灯,否则可能损伤其视网膜。
8. 请勿让儿童接触小型附件,以防止其被吞咽。如无意中吞下附件,应立即就医。
9. 请勿让儿童接触本设备,防止其舔舐闪光灯,从而造成触电或引起伤害。
10. 请勿使闪光灯受到强烈振动,否则可能引起故障,导致元件爆炸或着火。
11. 请勿在有可燃性或爆炸性气体附近使用本设备。如有可燃性气体(包括丙烷、汽油及粉座)的场所使用闪光灯,可能引起爆炸或火灾。
12. 严禁使用稀释剂或苯等活性试剂清洗本设备,并且切勿将灯储藏在含有樟脑及苯等化学品的场所,否则会损壤其塑料包装,引起着火或触电。

 **内部高压! 请勿拆卸本设备!**

部件名称



- 1.功率旋钮
- 2.开关键
- 3.显示屏
- 4.预闪按钮
- 5.锁紧环
6. 发光区

7. 光敏感应灯
- 8.充电指示灯
9. Type-C接口
- 10.光敏感应键 (S1/S2)
- 11.热靴(不同型号适配不同的热靴)

使用说明

开/关机

开机:将 ON/OFF 拨键拨至 ON 档位,设备即可启动。

关机:将 ON/OFF 拨键拨至 OFF 档位,设备即可关闭。

注:1.需先将闪光灯安装到相机后,再开启相机和闪光灯。

2.当闪光灯屏幕显示  图标时,表示闪光灯与相机通讯成功。

闪光模式

触控操作:在屏幕上左右滑动,即可切换闪光模式。

旋钮与按键操作:按下旋钮,即可切换闪光模式。

M手动模式

1.将闪光灯设置为M手动模式。

2.根据相机已设置的感光度和拍摄距离,调整适合的功率。



具体参数,可参考下面表格:

感光度(ISO)	50	100	200	400	800	1600	3200
光圈值	2	2.8	4	5.6	8	11	16
拍摄距离/m	0.5	0.7	1	1.5	2	3	4
参考功率	1/64	1/32	1/16	1/8	1/4	1/2	FULL
GN指数	约12gn, ISO 100, 全功率, 标准测试条件之下						

此表中的拍摄距离值是在不同ISO、光圈和功率设置下的曝光参考距离。它们不是最有效的GN指数值。

A(TTL)自动模式

- 1.将闪光灯设置为A(TTL)自动模式。
- 2.相机通过预闪测光,控制闪光灯发出合适的闪光功率来实现补光效果。



同步方式

高速同步

旋钮按键使用:快速按压两次旋钮开启高速同步。

触屏使用:上下滑动机身屏幕切换至高速同步模式。

注: 1.开启高速同步时,闪光灯功率最小设置为1/16。

2.当您使用机型为Z1 Pro C时,快速按压旋钮两次,即可在高速同步、前帘同步、后帘同步三种模式间循环切换。

后帘同步

当您使用的机型为Z1 Pro S时,请在相机设置中选择后帘同步闪光。

当您使用的机型为Z1 Pro C时,上下滑动机身屏幕切换至后帘同步模式,或在相机设置中选择后帘同步闪光。

当您使用的机型为Z1 Pro F时,请在相机设置中选择后帘同步第二幕(REAR)。

当您使用的机型为Z1 Pro N时,请在相机设置中选择后帘同步。

引闪模式

拨动Z1 Pro的S1、S2引闪模式,屏幕也会显示对应的模式;引闪模式需要在闪光灯M档下使用,TTL档不能使用引闪模式。

S1同步引闪模式:将光敏感应键调至S1模式,闪光灯会与主闪光灯的第一次闪光同步被引闪。

S2防预闪引闪模式:将光敏感应键调至S2模式,闪光灯会与主闪光灯的第二次闪光同步被引闪。

显示屏亮度调节

长按旋钮进入亮度调节界面,转动旋钮可调整至合适亮度。

注:任意操作即可退出界面,无操作时 10 秒后自动退出界面。

保护功能

温度保护:当触发温度保护时,绿灯连续闪烁 30s (闪烁间隔 200–400ms),同时显示屏上的闪光模式 (M/TTL) 图标变为红色,提示闪光灯内部温度过高。

次数保护:M 模式下,1 分钟内以 1/2 功率及以上连续闪光 20 次后,闪光灯回电时间将延长 1.5s。



充电管理

充电时屏幕显示: 

充满电时屏幕显示: 

注:本产品支持开机边充电边使用(若闪光灯完全没电自动关机,开机充电时指示灯会先常亮红色,此时闪光灯禁止回电;需待指示灯转为绿色后,方可正常使用)。

休眠与唤醒

休眠:闪光灯 15 分钟无操作将自动进入休眠状态,指示灯熄灭、屏幕无显示,按键操作无效。

唤醒:休眠状态下,需重新开机方可唤醒。

开机动画的操作

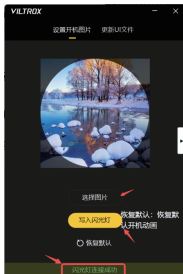
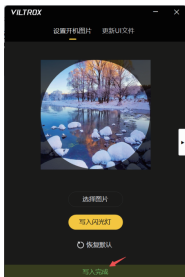
软件下载与安装:扫描右侧二维码, 获取(BootMediaTool)上位机软件安装包, 下载后在Windows 系统电脑上完成安装。

注:

- 1.该软件仅支持 Windows 系统;
- 2.自定义开机动画写入操作, 仅可在电脑端完成, 手机、平板等设备无法使用。



1.打开软件关机状态下摁住闪光灯预闪键, 插入Type-C上位机显示闪光灯连接成功后, 点击选择图片选择想要升级的照片。



2.点击写入闪光灯, 等待升级完成后, 拔掉USB闪光灯开机即可。

规格参数

闪光模式	M手动模式/TTL自动模式
闪光功率档位	1/1-1/64, 以±1/3档调节
功率(1/1档位)	24Ws
回电时间(1/1档位)	1秒
焦距	28mm
闪光持续时间T0.5	1/3000s - 1/50000s
色温	6000±200K
同步方式	高速同步(最高1/8000秒)、前帘同步、后帘同步
引闪模式	S1同步引闪模式/S2防预闪引闪模式
电池容量	3.7V/800mAh
闪光次数	350~10000次
充电时长	Type-C 5V/0.8A(约70分钟)
休眠	无操作15分钟后进入休眠;重新开机以恢复操作
尺寸	S:68.5*72.8*49.9mm
	C/N/F:68.5*72.8*50.2mm
重量	约136g

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