

SUTEFOTO

TW20RGB



CCT

2800K
-10000K

HSI

36000
种颜色

RGB
CW

100亿
种组合色

FX

210种
光效组合

APP
手机蓝牙

使用指南

中文

V1.0

前言

感谢您购买SUTEFOTO产品！
TW20RGB摄影灯光源稳定，显色性好，功能强大，非常适用于直播、视频、影视、静物、人像、婚庆、创意短视频、以及采访布光等。支持APP可无线分组调光无线调节亮度功能丰富，操作便捷。

产品具有以下亮点

- 具备4种光效模式CCT模式、HSI全彩模式、RGBCW模式、FX特效模式
- 73组色温--CCT模式下色温可以从2800K-10000K之间调节
- 36000种色彩--HSI模式下有360种色彩和100级饱和度可调
- 10亿种可调颜色--RGBCW模式下可以独立调节5组灯珠（红/绿/蓝/2800K色温/10000K色温）的输出比例
- 100种效果--FX特效模式下有21种特效和10级速度的调节
- 显色指数高达96以上，R9高达90以上，TLCI(Qa)>95，真实还原物体色彩
- 内置 7.4V 5000mAh（37 Wh）大容量锂电池。
- OLED屏精准显示参数自动保存
- 支持手机APP

注意事项

1：在使用本产品前，请认真阅读本使用说明书，并妥善保存以备后续参考查阅。

2：请勿将摄影灯存放在高温、潮湿的地方。

3：请勿用湿手接触产品，亦不可将产品浸入水中或暴露于雨中，以免短路或触电。

4：勿将本产品置于液体或其他易燃、易挥发溶剂附近，避免损坏产品。

5：请妥善保管本产品，放置在儿童接触不到的地方。

6：请轻放布，并看清本设备。

7：当摄影灯工作时，请勿直视灯具。

8：切勿将任何物体置于灯具上或使液体流入其内部。

9：在使用过程中，请勿遮挡通风孔，以免影响散热，导致设备损坏。

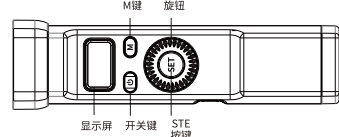
产品属性

产品名称	SUTEFOTO全彩补光灯
产品型号	TW20RGB
输入电压	PD 20V/12V-20W
内置电池	7.4V 5000mAh
电池续航时间	50%亮度 约210分钟 100%亮度 约102分钟
充电时间	PD 2.5,USB 4.5h
显示	LED 0.9寸
灯珠数量	220颗（RGB 44颗 2800K:88颗 10000K:88颗）

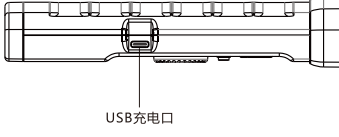
功率	20W
调光范围	常亮模式0-100% 特效模式10%-100%
CCT模式色温范围	2800K-10000K ±200K
CCT绿色/洋红色色温校正范围	GM ±10
CCT-CRI	> 96
CCT-TLCI	> 95
HSI模式	360种颜色 100级饱和度
RGBCW	RGBCW 5组灯珠单独调节 0-100亮度 DIY模式
FX特效模式	21种特效 每种特效可调节10种频率
工作环境温度	-10到50摄氏度
产品尺寸	530×45×34mm
材料	铝合金+ABS
散热方式	自然对流
灯体净重	590g

1、按键说明

灯具正面面板



灯具侧面面板



2、开始使用摄影灯

打开灯光：打开电源开关机，OLED屏点亮，摄影灯按最后保存的参数进入工作状态，显示屏显示摄影灯当前的工作参数。

电池供电：在不接电源适配器时打开灯光为内置电池供电供电图标显示为：

关于充电：充电接口为USB电源输入接口，连接USB即可给产品充电，约2.5小时内充满电。支持在充电的状态下使用摄影灯（亮度≤85%）。

*关于电池图标：每一格代表约25%电量，当最后一格用尽，电池图标会闪烁，约5分钟后将自动关机，请及时充电。

3、显示屏图标及说明

3.1 CCT模式：当前的色温2800K-10000k
亮度：0-100% GM:000为不补偿负数为补偿绿色、正数为补偿洋红。

操作

1、按“M”键切换CCT模式，LED屏显示CCT模式

2、按“SET”键选择要调的参数

3、旋转“”键调节亮度

CCT -A74BCF

100%

0

5600K

3.2 HSI模式：H当前色值（0-360）S当前饱和度（0-100）亮度：0-100%

操作

1、按“M”键切换HSI模式，LED屏显示HSI模式

2、按“SET”键选择要调的参数

3、旋转“”键调节亮度

HSI -A74BCF

100%

S 100

H 5

3.3 RGBCW模式：R：红色灯珠；G：绿色灯珠；B：蓝色灯珠；C：冷光10000k灯珠；W：暖白2800K灯珠

操作

1、按“M”键切换RGBCW模式，LED屏显示RGB CW模式

2、按“SET”键选择要调的参数

3、旋转“”键调节亮度

RGB -A74BCF

53%

S 10

F Lightning

显示界面最下一行显示内容对应模式：

FX1:Lightning	闪光模式
FX2:Police	警灯模式、R+B红+蓝交替闪烁
FX3:Fire truck	消防车模式、R 红灯闪烁
FX4:Ambulance	救护车模式、B 蓝灯闪烁

3.4 FX特效模式 FX：特效FX1-FX21 Frq: 特效的频率（1-21）亮度（10%-100%）

操作

1、按“M”键切换FX模式，LED屏显示FX模式

2、按“SET”键选择要调的参数

3、旋转“”键调节亮度/选择模式

FX -A74BCF

53%

S 10

F Lightning

显示界面最下一行显示内容对应模式：

FX1:Lightning	闪光模式
FX2:Police	警灯模式、R+B红+蓝交替闪烁
FX3:Fire truck	消防车模式、R 红灯闪烁
FX4:Ambulance	救护车模式、B 蓝灯闪烁

FX5:Fire	火焰模式
FX6:Firework1	烟花模式1
FX7:Fault bulb	故障灯模式
FX8:TV	电视模式
FX9:RGB Circle	RGB循环模式
FX10:Paparazzi	狗仔队模式
FX11:RED	红色呼吸灯
FX12:GREEN	绿色呼吸灯
FX13:BLUE	蓝色呼吸灯
FX14:Firework2	烟花模式2
FX15:Firework3	烟花模式3
FX16:Club1	俱乐部模式1
FX17:Club2	俱乐部模式2
FX18:Romanti	浪漫灯光模式
FX19:CT Cycle	CCT色温循环模式
FX20:Party	派对灯光模式
FX21:Candle	蜡烛模式

4、SS LED Video Light APP

您可以在APP Store和安卓市场搜索SSLED Video Light或扫描二维码下载专业灯光控制软件来控制SUTEFOTO 灯具

SS LED Video Light iOS Google play Android

如何连接？

1、打开手机蓝牙，打开SUTEFOTO 灯具电源。

2、打开“SS LED Video Light”APP，点击“添加设备”选择你所要连接的灯具。

在任何模式下，灯具LCD屏幕的蓝牙图标闪烁代表灯具在可连接状态，“SSLED Video Light”APP可以连接蓝牙图标不闪烁代表灯具已连接状态，“SS LED Video Light”APP可以控制灯具。选择“SSLED Video Light”APP下“我的灯光设备列表”中已连接的灯具，进入灯具控制界面。

维修及售后服务

1、产品的保修期为一年，不按照使用说明和使用注意事项操作，所造成的产品损坏将不在保修范围内。

2、产品保修期自您购买本产品之日起计算，产品保修卡为有效保修凭证。

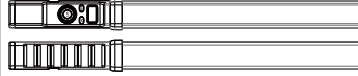
维修记录卡

日期	维修内容	备注

- 本保修卡遗失后不再发行，请妥善保管。
- 本产品在出厂前已经过了严格的检验。如遇问题，请与公司售后服务部或经销商联系。严禁自行拆卸。

SUTEFOTO

TW20RGB



CCT

2800K
-10000K

HSI

36000
Colors

RGB
CW

100 billion
combinations

FX

21X10

APP

USER GUIDE

ENGLISH

V1.0

Preface

Thank you for purchasing SUTEFOTO products! The TW20RGB video/photography light has stable light source, good color rendering and powerful functions and it is easy to operate. It is suitable for lighting for live broadcasting, video, studio, still life, portraits, weddings, macros, creative short videos, interviews, etc. It supports APP wireless group dimming and wireless brightness adjustment.

TW20RGB has the following highlights

- 4 lighting modes: CCT mode, HSI mode, RGBCW mode, FX special effect mode
- 73 types of color temperature. Color temperature can be adjusted from 2800K-10000K (±200K) in CCT mode.
- 36000 colors in HSI mode. 360 different HUE and 100 level saturation.
- 1 billion adjustable colors in RGBCW mode. The output ratio of 5 groups of lamp beads can be adjusted independently.
- 100 lighting effects in FX special effects mode. TW20RGB has 21 special effects and 10 levels of speed Adjustment.
- CRI is up to 96, R9 is up to 90 and TLCI (Qa) is above 95.
- Built-in 7.4V 5000mAh (37 Wh) large capacity lithium battery.
- OLED screen accurate display, parameters automatically saved.
- Supports mobile APP.

Important safety information for TW20RGB

01: Please read all the safety information below before using TW20RGB and keep it for future reference.

02: Do not expose this product to high temperature, excessive heat or heat sources.

03: Do not expose this product to dripping or splashing liquids, rain, or moisture. Do not touch this unit with wet hands.

04: Do not store this product near liquid or other flammable or volatile solvents to avoid damage to the product.

05: Please keep this product in a safe place and keep it away from children.

06: Clean only with a soft and dry cloth.

07: Avoid electric shock and short circuit! Do not use this product in a humid environment, otherwise there is a risk of short circuit or electric shock.

08: Do not look directly to this light when the light is on.

09: Do not place any objects on this product.

10: Do not block any vents when using. The light will become warm after long time use, please pay attention to anti-scalding.

11: Do not open this product and do not attempt to repair it yourself. Disassembling TW20RGB may damage it and may cause injury to you. If this product is damaged.

12: please contact the authorized maintenance center for inspection and maintenance.

13: This product comes with built-in lithium batteries. Don't remove, replace, hit, or expose the product to fireplaces, it may cause fire or explosion.

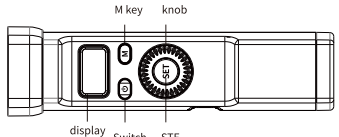
Specifications

Product name	SUTEFOTO
Model	TW20RGB
Input voltage	PD 20V/12V-20W
Battery type	7.4V 5000mAh
Battery capacity	At 50% brightness, last about 210mins; At 100% brightness, last about 102mins
Battery charge	PD 2.5 hours, USB 4.5 hours
Display	LED 0.9 inch
LED lamp bead amount	220 pieces (RGB: 44 pieces 2800K 88 pieces 10000K: 88 pieces)
Lamp beads power	20W
Dimming range	CCT mode 0-100% FX Special mode 10%-100%

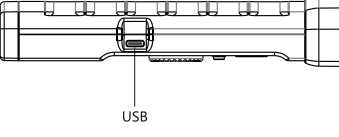
CCT mode color temperature range	2800K-10000K±200K
Correction range	GM ±10
CCT-CRI	>96
CCT-TLCI	>95
HSI mode	360 colors 100-level saturation
RGBCW mode	Brightness of each of the 5 groups lamp beads can be adjusted from 0 to 100%
FX special effects mode	21 special effects, 10 frequency for each special effect
Working temperature	-10 to 50 degrees Celsius
Light emitting surface size	530×45×34mm
Material	Aluminum alloy +ABS
Cooling method	convection
Net weight	590g

1、Button description

Front button



Side button



2、Start using the TW20RGB

TURN ON THE TW20RGB: PRESS AND HOLD THE POWER BUTTON UNTIL THE OLED SCREEN IS ON. THE TW20RGB WILL BE WORKING WITH THE PREVIOUS SAVED SETTINGS. THE SETTINGS WILL BE DISPLAYED ON THE DISPLAY SCREEN.

Battery powered: When the power adapter is not connected, the TW20RGB will be powered by the built-in battery. The power icon will display:

About charging: the charging interface is the USB power input interface, which can charge the product within 2.5 hours after connecting to the USB A full charge. Supports the use of the camera lamp in the state of charging (brightness ≤85%).

*About the battery icon: Each bar represents about 25% charge, and when the last bar runs out, the battery icon blinks. It will shut down automatically after about 5 minutes. Please charge it in time

3、Display icons and instructions

3.1 CCT mode: Color temperature range: 2800K-10000K; Brightness range: 0-100%; GM=000 means no compensation, GM=negative number means Green compensation, GM=positive number means Magenta compensation.

Operation:

1. Press "M" to switch HSI mode. Hsl mode will be displayed on the LED screen.

2. Press "SET" to select the parameters to be adjusted.

3. Rotate "" key to adjust the brightness.

CCT -A74BCF

100%

0

5600K

3.2 HSI mode: H Current color value (0-360) S Current saturation (0-100) I Brightness: 0-100%

Operation:

1. Press "M" to switch HSI mode. Hsl mode will be displayed on the LED screen.

2. Press "SET" to select the parameters to be adjusted.

3. Rotate "" key to adjust the brightness.

HSI -A74BCF

100%

S 100

H 5

3.3 RGBCW mode: R: red lamp beads; G: Green light beads; B: Blue light beads; C: cold light 10000 k lamp bead; W: Warm white 2800K lamp beads

Operation:

1. Press "M" to switch RGBCW mode. Hsl mode will be displayed on the RGBCW screen.

2. Press "SET" to select the parameters to be adjusted.

3. Rotate "" key to adjust the brightness.

RGB -A74BCF

53%

S 10

F Lightning

Display content corresponding mode:

FX1:Lightning	Flash mode
FX2:Police	Alarm light mode, R+B red+blue flashes alternately
FX3:Fire truck	Fire truck mode, R red light flashes
FX4:Ambulance	Ambulance mode, B blue light flashes

FX5:Fire	Flame mode
FX6:Firework1	Firework mode 1
FX7:Fault bulb	Fault light mode
FX8:TV	TV mode
FX9:RGB Circle	RGB color mode
FX10:Paparazzi	Paparazzi mode
FX11:RED	FX11:RED Light
FX12:GREEN	FX12:GREEN Light
FX13:BLUE	FX13:BLUE Light
FX14:Firework2	FX14:Firework mode 2
FX15:Firework3	FX15:Firework mode 3
FX16:Club1	FX16:Club mode 1
FX17:Club2	FX17:Club mode 2
FX18:Romanti	FX18:Romantic Light
FX19:CT Cycle	FX19:CT Cycle
FX20:Party	FX20:Party mode
FX21:Candle	FX21:Candle Light mode

4、SS LED Video Light APP

You can download the SS LED Video Light APP from the APP Store or Google Play for more SUTEFOTO light capabilities.

SS LED Video Light iOS Google play Android

How to connect?

1. Power on the light and turn on smart phone Bluetooth.

2. Open "SSLED Video Light" APP and click "Add Device" to connect SUTEFOTO lights. In any mode, the Bluetooth icon on the LCD screen flashing indicates that the light is available for connection. You can connect the light using "SS LED Video Light" APP. The Bluetooth icon on the LCD screen indicates that the light is connected. You can use the "SSLED Video Light" APP to adjust the light. Select the Connected lights under "My Devices" to adjust the light.

Maintenance Record Card

Date	Crqwtkqw	Nrwh

- This warranty card will not be issued if it is lost. Please keep it properly
- This product has undergone strict inspection before leaving the factory. If you encounter any problems, please contact the company's after-sales service department or distributor. Self-disassembly is strictly prohibited.

Repair and customer service

1. The warranty period of the product is one year. Failure to follow the instructions and precautions for use will result in product damage that is not covered by the warranty.

2. The product warranty period is calculated from the date you purchase this product, and the product warranty card is a valid warranty certificate.

Maintenance Record Card

Date	Crqwtkqw	Nrwh

- This warranty card will not be issued if it is lost. Please keep it properly
- This product has undergone strict inspection before leaving the factory. If you encounter any problems, please contact the company's after-sales service department or distributor. Self-disassembly is strictly prohibited.

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

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.

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

The devices has been evaluated to meet general RF exposure requirement, the device can be used in portable exposure condition without restriction