iGPSPORT

VS1800
SMART FRONTLIGHT
USER MANUAL

ACCESSORY/STRUCTURE
配件/结构

HOW TO INSTALL
安装图解

Install on handlebar
正装装配

Install on gopro mount
吊装装配
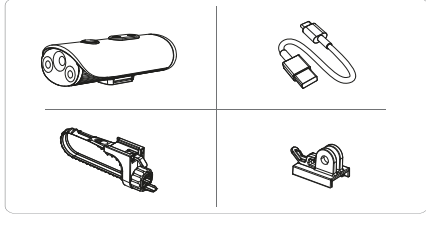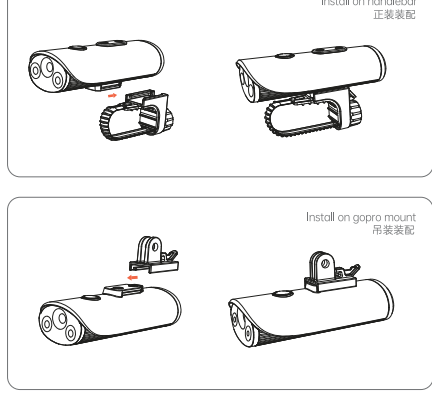
规格认证

CE FC IC RoHS PSE

iGPSPORT

DEVICE INTRODUCTION

Button/Status indicator

Lamp

Charging port

Mounts

LIGHT MODES

Light Modes	Brightness (lumens)	Battery Life (hours)	Effective Range	Drop Resistence Height	Waterproof
Low Beam - Low Steady	300	12			
Low Beam - Medium Steady	450	6			
Low Beam - High Steady	900	3			
High Beam - Low Steady	600	6			
High Beam - Medium Steady	900	3	150m	1.2m	IPX6
High Beam - High Steady	1800	1.5			
High Brightness Flash	600	/			
Low Brightness Flash	200	/			
Custom 1/2/3	/	/			

Note: The above parameters are tested in the iGPSPORT laboratory at a temperature of 22±3°C and humidity of 30%-50%. Actual performance may vary slightly depending on the usage environment.
*High brightness flash, low brightness flash, custom 1, custom 2, and custom 3 are disabled by default and need to be enabled in the iGPSPORT APP.

OPERATING PROCEDURES

• Power on/ off
Long press the button for 2 seconds to power on/off.
• Restore the default setting
Long press the button for 5 seconds when it is powered off. The green LED indicator will flash rapidly three times, and the front light will flash rapidly three times, indicating a successful reset. Please note that resetting will clear all personal settings and data, so please operate with caution.
• Switch light mode
After powering on, click the button to cycle through the gears in the sequence of low beam and low steady - low beam and medium steady - low beam and high steady;
After powering on, double-click the button to switch to high beam mode, with the default setting being high beam and low steady;
In high beam mode, click the button to cycle through the gears in the sequence of high beam and low steady - high beam and medium steady - high beam and high steady ;
It can also be adjusted by iGPSPORT bike computer and the APP.
• SOS mode
After powering on, triple-click the button to quickly enter SOS mode, and click the button once to exit SOS mode.
• Smart memory
The bike light will automatically remember the lighting mode and start operating at the same mode as before when powered on each time.

PERFORMANCE SPECIFICATIONS

Device size	110*44*29mm (excluding the mount and mounting bracket)	Max brightness	1800lm
Device weight	About 194g	Battery capacity	6700mAh

SPECIAL FEATURES

●Auto-sleep/wake up: After stationary for 120s in the powered-on state, it will automatically enter sleep mode, with the main light and indicator light turning off. It will be awakened when it detects motion or a button is pressed, and it will restore the light mode before entering sleep mode.
●Smart light sensing: Sensing the ambient brightness via the built-in light sensor, it automatically turns off the light in high brightness conditions and turns it on in low brightness.
●Synchronous shutdown: The device can shutdown synchronously when connected to a bike computer.
●Estimation of available battery life: The device estimates the available battery life based on the current mode and battery level, and displays it on the computer/APP.
●Auto brightness reducing: The device brightness will be automatically reduced in conditions such as charging, reverse charging, prolonged static state and low battery level to ensure user safety and maximize its battery life.
●Smart temperature control: When the built-in temperature sensor detects high temperature in the lamp, it will gradually reduce the brightness to ensure user safety.
●Reverse charging: The device can be used as a power bank to charge cellphones, bike computers and sports cameras.
●Custom mode: The parameters such as brightness and flashing pattern for the Custom Mode can be edited in the iGPSPORT APP.
●Light mode on/off: You can enable or disable the light mode in the iGPSPORT APP. When disabled, the mode cannot be switched to through the APP or the button.
Note:
*Smart light sensing and synchronized shutdown are disabled by default and need to be enabled in the iGPSPORT APP.
*Synchronized shutdown is supported by certain models of the bike computer. Please consult customer service for specific models.
*The reverse charging cable needs to be purchased separately.

⚠ WARNING

1.The light will generate a significant amount of heat while using, resulting in high external temperatures. Please use with caution to avoid burns.
2.When placing this light in enclosed and flammable environments such as pockets or backpacks, please turn it off to prevent accidental activation and potential hazards.
3.Please do not illuminate flammable objects at close range with this light, as it may generate high temperatures that can cause damage and potential hazards.
4.Please do not illuminate this light directly into the eyes to prevent eye injury.
5.The waterproof rating of the device is IPX6, which makes it suitable for use in rainy days. Do not put it in water for a long time and please tightly close the weather cap while using.
6.Please place this light in a location inaccessible to children to prevent their use.

CHARGING INSTRUCTIONS

When charging, please follow the steps below:
1.Turn off the bike light and remove the dust plug. Insert the charging cable into the USB Type-C port.
2.After charging is finished, please disconnect the charging cable and securely close the dust plug to maintain the waterproof performance and normal use of the bike light.
* From completely depleted to full charge, it takes approximately 3 hours (with 5V 2A).
* When charging in the power-off state, long-pressing the button will not turn on the light.
* When charging in the power-on state, the main light will automatically reduce to the lowest brightness level, and the charging time will be extended.
* Due to the slow self-discharge of the battery, it is recommended to charge the light every six months when not in use for a long time to prevent battery damage.

BATTERY DISPLAY

In the power-off state, a single click of the power button will illuminate the battery indicator light for 3 seconds, displaying the remaining battery level. The different states corresponding to the remaining battery levels are as follows:

Using		Charging	
battery level >30%	Green light slow flash	1%<battery level ≤10%	Red breathing light
10%<battery level ≤30%	Red and green lights alternative slow flash	battery level >10%	Green breathing light
1%<battery level ≤10%	Red light slow flash	fully charged	Green light steady
Power off		Red light fast flash for three seconds	

iGPSPORT APP

Download the APP

Please scan the QR code to download iGPSPORT APP and enjoy more functions.

Pairing

1.Open the iGPSPORT app and log in with your iGPSPORT account in your phone.
2.Bring the bike light close to your phone and enter "Device Management" in the iGPSPORT app. Click on "Add Device" and select the bike light. Your phone will automatically search for the "VS1800" bike light. Select it and click "Connect" to start pairing the device.
3.When a system pop-up on your phone displays "Bluetooth pairing request", please click "Pair" to accept it.
4.Once the pairing is complete, the bike light will be shown in the device list, indicating the pairing is successful.
5.After successful pairing, the bike light and your phone will automatically connect via Bluetooth. If pairing fails during the process, you can try restarting Bluetooth, the app, or the bike light and attempt the pairing again.

Unpairing

If you want to pair the bike light with another smartphone, please unpair it from the current device first:
1.Go to the device page and select "Unpair" to confirm.
2.Once completed, the device will no longer be displayed on the app's device list.
Note: please do not pair and unpair frequently.

Firmware update

Firmware update can enhance the user experience of the bike light, including new functions, improvements to existing functions, or bug fixes. You will not lose any data due to a firmware update.

Available time

When the bike light is connected to the app, it estimates the remaining battery life based on the current mode and provides an update every minute. This allows you to plan your riding more effectively.

Light modes
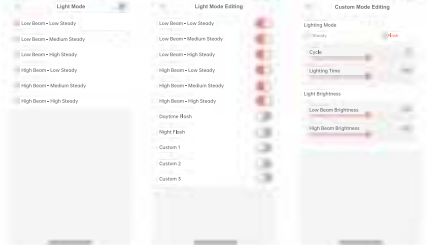
You can configure the bike light modes in the iGPSPORT app, which includes switching between different modes, enabling or disabling specific modes, adjusting the brightness and lighting patterns for custom modes.

Intelligent functions configuration

You can configure the intelligent functions of the lights in the iGPSPORT APP, including bike computer synchronized shutdown, smart light sensing, brightness change with speed, auto sleep and sleep waiting time, stationary low brightness and stationary waiting time.

设备简介

按键/状态指示灯
灯头
充电口
安装座

车灯模式

车灯模式	亮度（流明）	续航时间（小时）	有效射程	防跌落高度	防水等级
近光低常亮	300	12			
近光中常亮	450	6			
近光高常亮	900	3			
远光低常亮	600	6	150米	1.2米	IPX6
远光中常亮	900	3			
远光高常亮	1800	1.5			
高亮闪烁	600	/			
低亮闪烁	200	/			
自定义1/2/3	/	/			

注：上述参数是在温度22±3℃和湿度30%-50%的情况下，于iGPSPORT实验室环境下测试得出。
实际表现随着建行环境的变化略有差异。
*高亮闪烁、低亮闪烁、自定义1、自定义2、自定义3默认停用，需在iGPSPORT APP中启用后生效。

操作说明

·开机/关机
长按按键2s开机，长按按键2s关机。

·恢复出厂设置
关机情况下长按按键5s，LED指示灯绿灯快闪三次，前灯快闪三次，表示重置成功，重置后会清除所有个人设置及数据，请谨慎操作。

·灯光模式切换
开机后，单击按键，按照近光低常亮-近光中常亮-近光高常亮的档位顺序依次循环挡；
开机后，双击按键，切换为远光模式，默认认远光低常亮挡位；
远光模式下，单击按键，按照远光低常亮-远光中常亮-远光高常亮的档位顺序依次循环挡换；
也可通过iGPSPORT码表和APP调节。

·SOS模式
开机后，三击按键，快速进入SOS模式。

·智能记忆
车灯会自动记忆照明档位，每次开机时，都会以关机前的档位开行工作。

性能参数

主机尺寸	110*44*29mm（不含底座和胶带）	最大亮度	1800lm
主机重量	约194g	电池容量	6700mAh

特色功能

·自动休眠/唤醒：开机状态下，车灯静置120s后自动进入休眠状态，主灯及指示灯熄灭；车灯检测到运动或按下按键唤醒，恢复休眠前的灯光模式。

·智能光感：通过车灯的光感传感器感知环境亮度，高亮度环境下自动关闭主灯，低亮度时自动打开主灯。

·同步关机：连接码表时，跟随码表同步关机。

·可用续航估算：车灯根据当前模式和电量估算可用续航时间，并在码表/APP上显示。

·自动低亮：车灯在充电、反向充电、长时间静止、低电量等状态下，自动调低亮度至低亮低位，以确保用户使用安全，同时最大限度延长续航。

·智能温控：车灯内部温感元件检测到车灯内部温度过高，会逐步降低亮度，以确保用户安全。

·反向充电：可作为充电宝为手机、相机、码表等充电。

·自定义模式：在iGPSPORT APP上编辑自定义模式的亮度、亮灯方式等参数。

·车灯模式启停：在iGPSPORT APP上启用及停用车灯模式，停用后，APP及按键无法切换至该模式。

注意：
*智能光感、同步关机默认关闭，需要在iGPSPORT APP中启用。
*同步关机支持副分码器，具体型号请咨询客服。
*反向充电线需要单独购买。

⚠警告

1.本灯具使用过程中会产生部分热量，造成外壳温度过高，使用时请注意安全，以免烫伤！

2.本灯具放置在闪烁、背包等密闭，易燃环境时，请关闭灯后以免误触后易引发危险！

3.请勿将本灯具近距离照射易燃物体，以免温度过高烧坏物体引发危险！

4.请勿将本灯具直接照射眼睛，以免引起眼睛造成伤害！

5.本产品防水级别为IPX6，雨天进行可正常使用，但请勿长时间置于水中，使用中请当妥善塞紧尾塞胶套。

6.请将本灯具放置在儿童接触不到的地方，避免儿童使用！

充电说明

充电时，应按如下步骤操作：
1.关闭车灯，揭开车灯防尘尾塞，将充电线插入USB Type-C端口。
2.停止充电后，应按下充电线，将防尘尾塞盖回按紧，以保持车灯的防水性能和正常使用。
注意：
*从电量耗尽到完全充满，耗时约3小时（5V 2A）。
*关机状态下充电，车灯按键键无法开机。
*开机状态下充电，主灯将自动降低为最低亮度。充电时间会延长。
*由于电池会缓慢自放电，建议长时间不使用车灯时，仍然每六个月充电一次，以免电池受损。

电量显示

关机状态下，单击开关按键，电量指示灯会亮起3s，显示剩余电量，不同状态对应剩余电量状态如下：

使用中		充电	
电量>30%	绿灯慢闪	1%<电量≤10%	红色呼吸
10%<电量≤30%	红绿交替慢闪	电量>10%	绿色呼吸
1%<电量≤10%	红灯慢闪	充满电	绿色常亮
关机		红灯快闪三秒	

iGPSPORT APP

APP下载

请扫描二维码下载iGPSPORT APP，解锁更多功能体验。

配对手机

1.在智能手机上，打开iGPSPORT应用并使用您的iGPSPORT账户登录。
2.将车灯靠近手机，进入iGPSPORT应用中的"设备管理"点击"添加设备"，选择车灯产品，手机会自动搜索到车灯"VS1800"，选中并点击"连接"设备开始配对。
3.当您的移动设备上显示"蓝牙配对请求"的系统弹窗时，请点击配对，接受蓝牙配对请求。
4.配对完成后，车灯显示在设备列表中，配对完成。
5.手机配对成功，车灯设备有非机会通过蓝牙自动连接。如果中途出现配对失败，可以尝试重启手机蓝牙、APP或车灯进行重新配对。

解除绑定

如果您想要将车灯和其他智能手机配对，请先解除当前配对：
1.前往设备详情页>解除绑定，点击解除按钮按键确认解绑。
2.完成后，APP列表页将将不再显示该设备。
注意：请勿频繁进行解除绑定操作。

固件更新

执行固件更新可以增强本灯的使用体验，包括全新功能、现有功能的提升或错误修复。您不会因为固件更新而丢失任何数据。

可用时间

车灯与手机APP连接时，根据当前模式和电量估算可用续航时间，每分钟更新一次，方便您规划骑行时间。

车灯模式

您可以在iGPSPORT APP中对车灯模式进行设置，包括切换车灯模式，启用与停用车灯模式，调节自定义模式亮灯亮度及亮灯方式模式。

智能功能配置

您可以在iGPSPORT APP中对车灯的智能化功能进行设置，包括码表同步关机、智能光感、自动睡眠及自动唤醒时间、静止低亮及静止停用时间。

FCC Caution:

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

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. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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.